

# AMP 2022

**ANNUAL MEETING & EXPO**

November 1-5, 2022 | Phoenix, AZ

## Program Book

# Be Prepared for the Unpredictable



Quickly implement and automate  
**Lab Developed Tests (LDTs)**  
and combat emerging threats.



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**Booth 1109**

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**FUSION®** Open Access™

# AMP 2022

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# WELCOME TO THE 2022 ASSOCIATION FOR MOLECULAR PATHOLOGY ANNUAL MEETING & EXPO!

## From the 2022 Program Committee,

Welcome to the 2022 Association for Molecular Pathology Annual Meeting & Expo! It has been a true pleasure to work alongside the members of the 2022 AMP Annual Meeting Program Committee in putting together this program. In the three years since we last met in Baltimore, molecular diagnostics has been thrust into a global spotlight. We hope this year's meeting offers all our attendees a well-deserved chance to connect and share ideas, while providing valuable insights into emerging trends in the field. From our pre-meeting AMP Reference Materials forum and Corporate Workshop Day, continuing with our kickoff AMP Award for Excellence in Molecular Diagnostics: Presentation and Lecture by Carol W. Greider, PhD, through the last day of our meeting with our final plenary session on the completion of the genome, we have assembled a truly educational and engaging conference, with material relevant to all our members.

I'd like to express my sincere appreciation for our 2022 Program Committee members: Yasmine M.N. Akkari (Chair-Elect), Pinar Bayrak-Toydemir & Jialing (Jenny) Ji (Genetics), Valentina Nardi & Nathan Montgomery (Hematopathology), Erin Graf & Rangaraj Selvarangan (infectious Diseases), Annette Leon & Mark Routbort (Informatics), Sinchita Roy Chowdhuri & Lauren L. Ritterhouse (Solid Tumors), Ashley Elizabeth Shean & Barbara A. Anderson (Technical Topics). In addition, the annual meeting, as well as the continuing ability to provide advocacy and education for all our members would not be possible without our truly phenomenal AMP staff: Elisabeth Campbell, Eriko Clements, Monika Franco, Jocelyn Friedrich, Sara Hamilton, Rhonda Jenkins, Danielle Jordan, Melissa Kauffman, Laurie Menser, Crystal Oliveto, Faye Pastor, Samantha Pettersen, Christal Ralph, Jacob Ruden, Mary Steele Williams, Robyn Temple-Smolkin, Sarah Thibault-Sennett, and Michele Zink.



## WELCOME

Finally, if you see any of our 2020 or 2021 Program Committee Members, please be sure to give them much overdue appreciation for putting on annual meetings that remained engaging and relevant while balancing unprecedented clinical challenges: Esther Babady (2020), Pinar Bayrak-Toydemir (2021), Jennifer Bergendahl (2020 – 2021), Noah Brown (2020 – 2021), Sinchita Roy Chowdhuri (2021), Rajyasree Emmadi (2020), Mark Ewalt (2020), Jane Gibson (2020 – Chair), Erin Graf (2021), Hyunseok Kang (2020), Annette Leon (2021), Erin McElvania (2020-2021), Valentina Nardi (2021), Jonathan Nowak (2020 – 2021), Angshumoy Roy (2020), Ryan Schmidt (2020 – 2021), Ashley Elizabeth Shean (2021), Laura Tafe (2021 – Chair), C. Webb (2020), Ahmet Zehir (2020 – 2021). On behalf of myself and the entire 2022 Program Committee, welcome, and we're glad you're here.

**Nirali M. Patel, MD**

*2022 Program Committee Chair*

# AMP 2022

**ANNUAL MEETING & EXPO**

November 1-5, 2022 | Phoenix, AZ



# Next Generation Sequencing for Hematologic Malignancies

**ARUP**<sup>®</sup>  
LABORATORIES

**An Industry  
Leader in NGS**



**EXPERT-DRIVEN**  
testing based  
on cutting-edge  
clinical information



**CUSTOMIZED**  
reports tailored to  
each patient



**COST-EFFECTIVE**  
testing solutions



## **Comprehensive, Targeted Tests Provide Answers**

- Myeloid Malignancies Mutation Panel by Next Generation Sequencing (201117)
- BCR-ABL1 Mutation Analysis for Tyrosine Kinase Inhibitor Resistance by Next Generation Sequencing (2008420)
- Chronic Lymphocytic Leukemia Mutation Panel by Next Generation Sequencing (3001858)
- Acute Myeloid Leukemia Mutation Panel by Next Generation Sequencing (3002714)

**GENERAL INFORMATION**



Explore your NGS testing options:  
[aruplab.com/oncology/ngs-testing](https://aruplab.com/oncology/ngs-testing)



**An Online  
Learning  
Experience**

**GENERAL INFORMATION**

#### **AVAILABLE ON-DEMAND**

- Basic Biology and Detection of Cell-Free DNA
- Practical Analytical and Clinical Validation Strategies for Cell-Free Tumor DNA Assays
- Opportunities and Challenges Toward the Clinical Application of ctDNA MRD Testing in Solid Cancers
- Cell-Free (cf)DNA-based Prenatal Screening: Lessons Learned and Future Strategies
- Current and Emerging Applications of Cell-Free DNA Tumor Tests
- Cell-Free DNA: Predictive Tissue Injury Maps in COVID-19

#### **UPCOMING LIVE WEBCAST:**

**Utility of Clinical Metagenomic  
Next-Generation Sequencing for Diagnosis  
of Infections**

*December 13, 2022 - 1PM Eastern*

# **Utility of Cell-Free DNA in the Clinic:**

## **Current State and Future Directions**

To register or learn more about this  
**FREE** eight part series, visit:  
[www.amp.org/LiquidBiopsy](http://www.amp.org/LiquidBiopsy)



## AMP EVENTS CODE OF CONDUCT

The Association for Molecular Pathology (AMP) is committed to providing a friendly, comfortable, and welcoming environment for all, regardless of gender, sexual orientation, disability, race, ethnicity, religion, national origin, age, gender identity, or any other demographic group. We expect all attendees, media, speakers, AMP staff and volunteers, venue staff, contractors, guests, and exhibitors to take an active role in providing a safe and positive experience for everyone by conducting themselves in a professional and lawful manner.

Unacceptable behavior can take many forms, including words, signage, or actions. For example, intimidation, unwelcome sexual advances, or abusive or vulgar language. Such behavior from any participant in an AMP activity, attendees, users of online services, media, presenters, AMP staff and volunteers, venue staff, guests, and exhibitors, will not be tolerated.

Anyone asked to stop unacceptable behavior is expected to comply immediately. If a participant is found to have engaged in unacceptable behavior, the AMP Executive Director will determine appropriate action to be taken, if any, which may include expulsion from the AMP activity, without refund, and/or contacting local law enforcement authorities. The Board of Directors may consider the matter for additional action.

While we cannot influence behavior outside of the official AMP event hours, we expect all participants at AMP events and meetings to abide by this Code of Conduct in all venues, including ancillary events and all social gatherings. All participants are responsible for their own conduct. Anyone who is the recipient of unacceptable behavior should feel free to speak up without any fear of retaliation.

- AMP hold its collegial community in high value. Do your part to give everyone you encounter an enjoyable experience so they remember you and the meeting favorably.
- Exercise consideration and respect in your speech and actions.
- Abstain from all demeaning, discriminatory, or harassing behavior and speech.
- Respect the fact that slides and posters may include unpublished work so if a speaker or author requests that slides or posters not be photographed, do not photograph them.
- Do not video record presentations. Holding up your phone or tablet throughout the presentation likely blocks the view of attendees behind you or is distracting. Speakers' slides are available to the attendees after the meeting and recordings of sessions are often made available as well.
- Do not audio record presentations without the express permission of the presenter(s). If you obtain permission, place your recording device, e.g., phone, such that it does not interfere with another attendee.

**AMP EVENTS CODE OF CONDUCT**

- Be mindful of your surroundings and of your fellow participants. Alert Security Personnel or call 911 if you notice a dangerous situation or someone in distress.
- Notify AMP Staff of any violation of this Code of Conduct that you experience or observe.

**UNACCEPTABLE BEHAVIORS AT AMP EVENTS INCLUDE:**

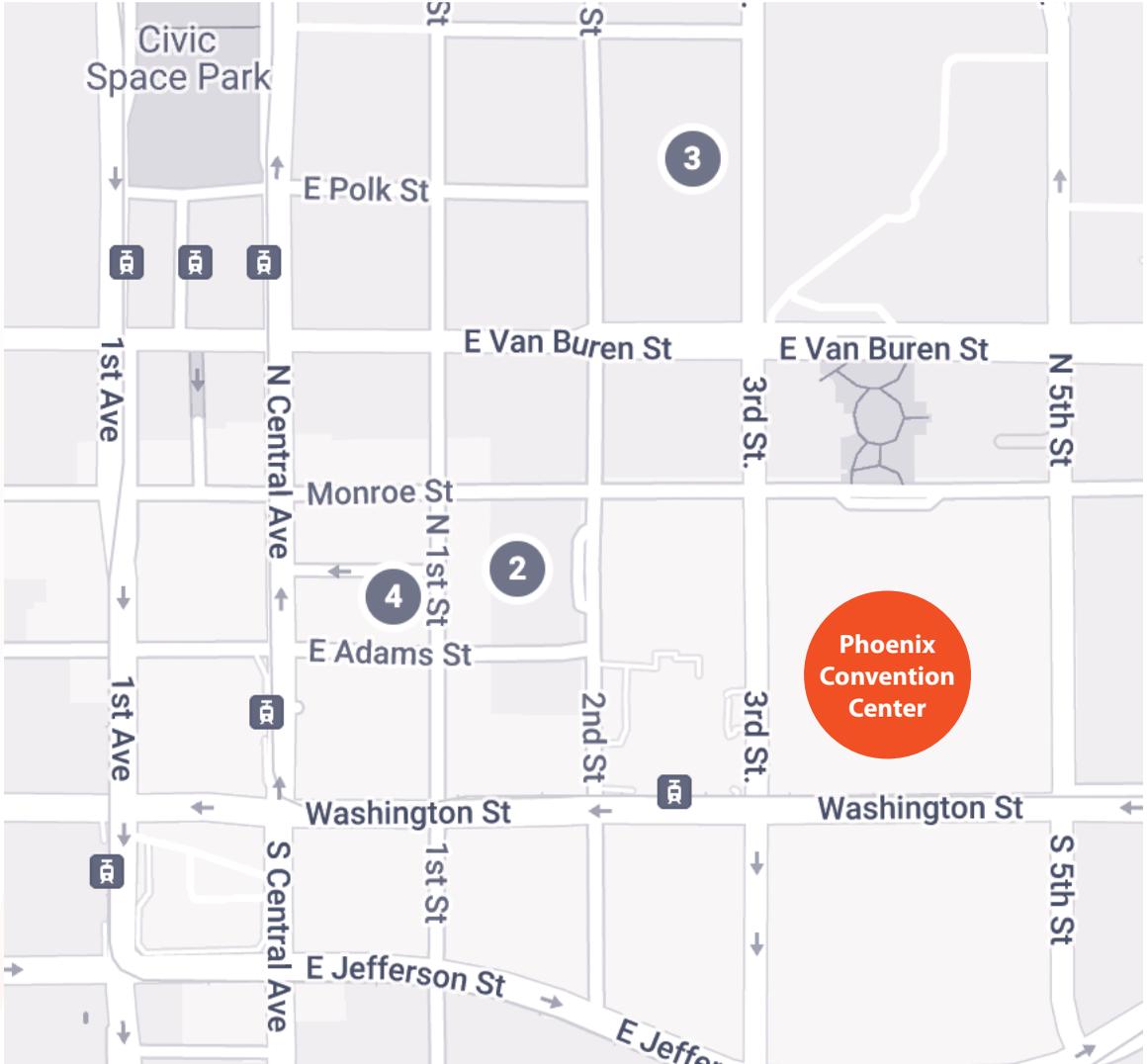
- Intimidating, harassing, abusive, discriminatory, derogatory or demeaning speech or actions
- Harmful or prejudicial verbal or written comments, jokes, or visual images related to gender, sexual orientation, disability, race, ethnicity, religion, national origin, age, gender identity, or any other demographic group
- Use of provocative and/or sexual images, including in presentation slides and exhibit booths
- Deliberate intimidation, stalking, or following
- Harassing photography
- Photographing slides of oral presentations or posters when the presenter/author requests no photography
- Video recording presentations
- Audio recording presentations without the express permission of the presenter(s)
- Undue disruption of scientific sessions or other events
- Unwelcome and uninvited attention or contact
- Physical assault, including unwelcome touch or groping
- Real or implied threat of physical harm
- Real or implied threat of professional or financial damage or harm

**WHAT TO DO IF YOU OBSERVE OR EXPERIENCE CONDUCT THAT VIOLATES THIS CODE:**

Please contact the nearest AMP or Security Staff. All reports will be kept confidential to the extent possible while allowing for effective investigation and response. If you believe the situation is an emergency, call 911.

AMP Staff will help participants contact convention center/hotel/venue security or local law enforcement authorities, and otherwise assist those experiencing conduct that violates this Code. We value your participation with AMP, and want your experience to be professionally rewarding and personally enjoyable.

# DOWNTOWN PHOENIX, AZ MAP



## HOTELS

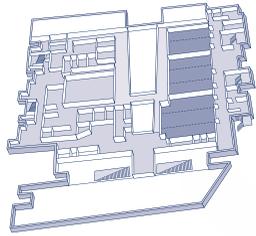
- 2 Hyatt Regency Phoenix
- 3 Sheraton Phoenix Downtown
- 4 Renaissance Phoenix Downtown Hotel

Find more information on local dining, hotels, shopping and other amenities online at: <https://www.visitphoenix.com>.

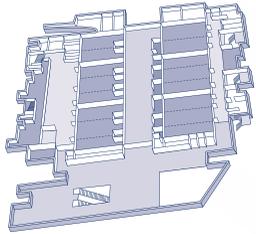
# PHOENIX CONVENTION CENTER OVERVIEW MAP

WEST BUILDING

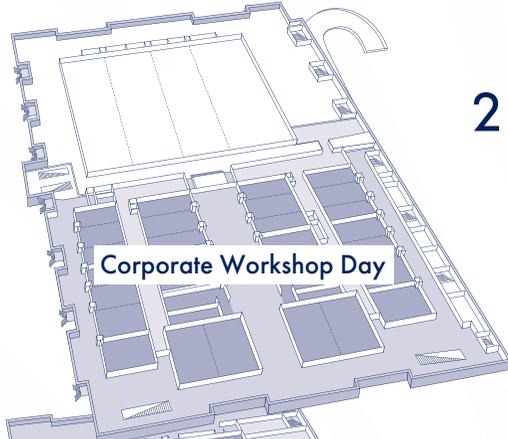
NORTH BUILDING



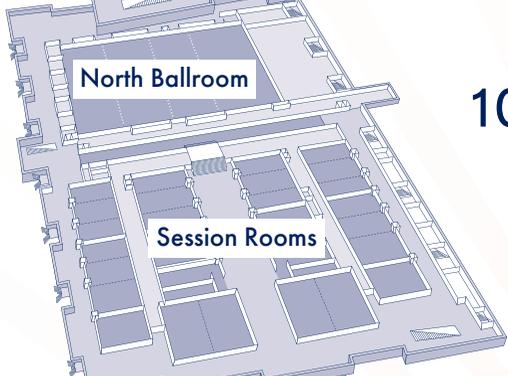
Executive  
Conference Center



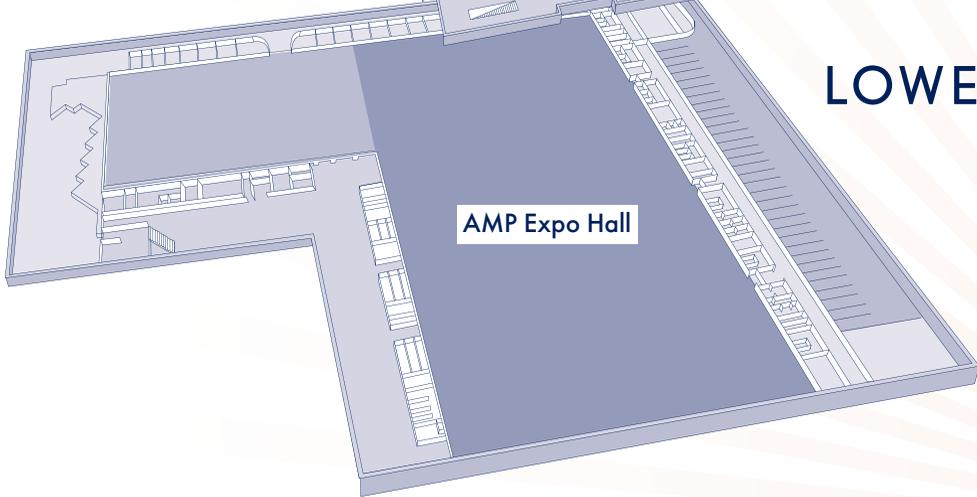
Meeting Rooms



200 LEVEL

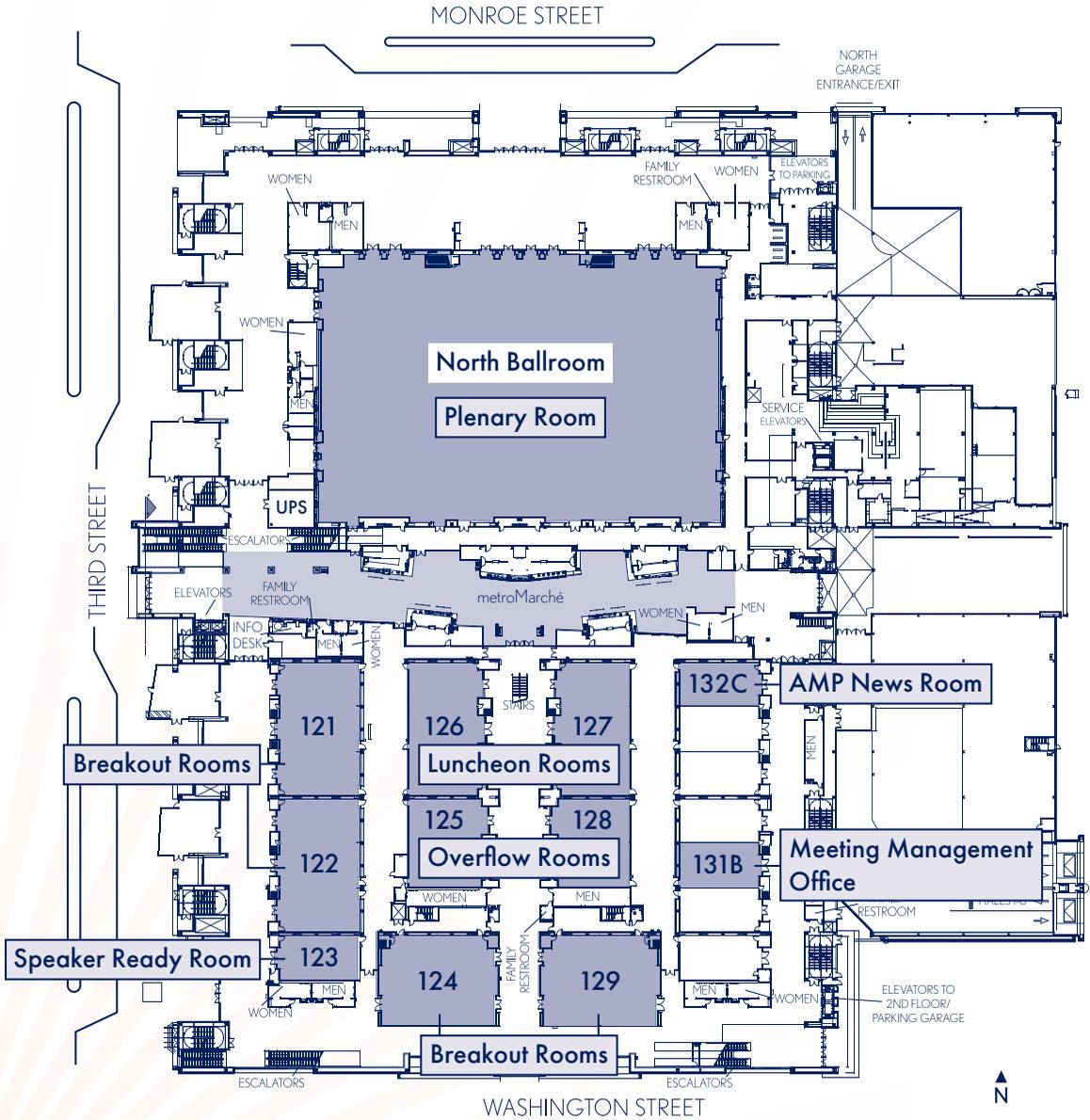


100 LEVEL



LOWER LEVEL

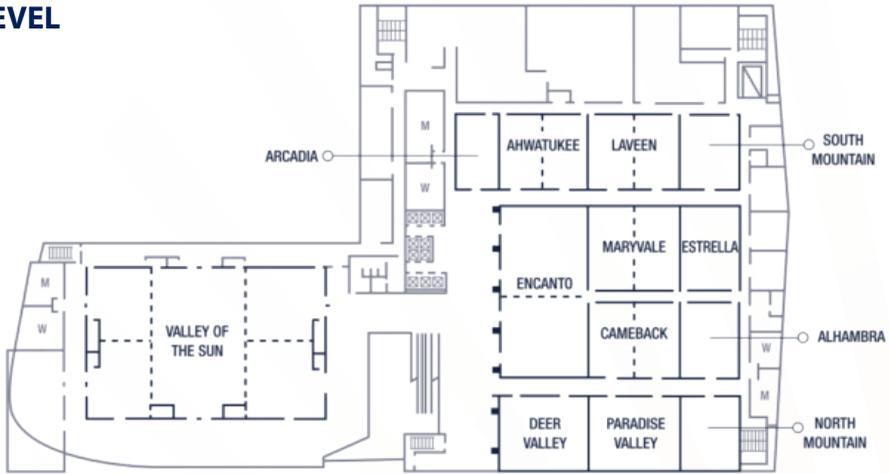
# PHOENIX CONVENTION CENTER MAP OF NORTH BUILDING, 100 LEVEL



# SHERATON DOWNTOWN PHOENIX HOTEL

## MAP OF MEETING ROOMS

### SECOND LEVEL



### THIRD LEVEL



## HIGHLIGHTS & GENERAL INFORMATION

### ATTENDEE/EXHIBITOR REGISTRATION DESK HOURS

(Convention Center, Exposition Hall Foyer, Lower Level)

<b>Tuesday, November 1</b>	3:00 PM – 6:00 PM
<b>Wednesday, November 2</b>	7:30 AM – 5:00 PM
<b>Thursday, November 3</b>	7:00 AM – 5:00 PM
<b>Friday, November 4</b>	7:30 AM – 5:00 PM
<b>Saturday, November 5</b>	7:30 AM – 2:00 PM

### EXPO HALL HOURS

(Convention Center, Exposition Hall 4 – 6, Lower Level)

<b>Thursday, November 3</b>	12:00 PM – 7:00 PM; 6:00 PM - 7:00 PM (Welcome Reception in the Expo Hall)
<b>Friday, November 4</b>	9:00am – 4:00pm (Appointment only demos 4:00 PM – 5:00 PM*)
<b>Saturday, November 5</b>	9:00 AM – 1:30 PM (Appointment only demos 8:00 AM – 9:00 AM*)

*\*Appointment only demo times are specifically for exhibitors and their invited guests (Registered Attendees or Official Guests of Exhibitors) to conduct demos in a quieter atmosphere than during regular Exhibit Hall hours.*

**HIGHLIGHTS & GENERAL INFORMATION**

**AMP MEETING PATHS**

**Want to create your own Path?** AMP Meeting Paths are a convenient way to tailor your meeting experience around the content you most want to see. The 2022 Program Committee has carefully examined the scientific program and identified eight paths that will direct you to sessions based on your favored area of interest.

**2022 Meeting Paths:**

**Advocacy**

**Lab Management**

**Oncology**

**Infectious Diseases**

**Informatics**

**Inherited Conditions**

**Molecular Methodologies  
& Technologies**

**Career and Leadership Development**

**You can select Browse by Path in the Schedule on the Mobile App to find sessions included on your preferred Path.**

**SPECIAL EVENTS**

**Welcome Reception**

Please join us for the Welcome Reception in the Expo Hall, immediately following the scientific Program on Thursday, November 3rd from 6:00pm - 7:00pm. Help us kick-off another successful Annual Meeting & Expo while networking with your friends and colleagues. This event is open to all registered Meeting Attendees.

**AMP Central**

Visit AMP’s booth in the Expo Hall, centrally located at the center of the hall. AMP Central features unique programming including career networking opportunities and the chance to meet current committee members. AMP Central is the best place to learn about all that AMP does and find out how you can get involved! For details on AMP Central Events, see event listings throughout this program.

## HIGHLIGHTS &amp; GENERAL INFORMATION

**Networking Corner/Speed Networking**

*Sponsored by the Membership Affairs Committee*

AMP is a great place to meet, share ideas, and explore new opportunities. Join us at the Networking Corner to build new connections and network with the AMP community. You might find a new boss, collaborator, employee, troubleshooter, mentor, scientist, enthusiast, inspiration, advocate, motivator, travel guide in a new city, admirer, colleague, or just a new friend. During lunch on Friday (12:15 PM – 1:15 PM) and Saturday (12:15 PM – 1:15 PM), this space will feature speed networking sessions. Speed networking is simply a format to encourage greater interaction. The key is to come, start a conversation, then connect and follow up after. All you need to bring is your business cards and a willingness to meet someone new.

**Innovation Spotlight Stages**

This year's Innovation Spotlight Stages will continue to provide a unique opportunity for exhibiting companies to showcase products or services, but this year the Stages will also feature cutting-edge AMP produced content. The **TWO** Innovation Spotlight Stages are located in the main cross aisles on the left & right corners of the Expo Hall. Innovation Spotlight presentations are open to all Meeting Registrants and seating will be on a first come, first served basis.

Please see complete schedule and descriptions in the "Expo Hall" section of the Program Book, Pages 66 – 67 or within the Mobile App.

**Business & Awards Session**

AMP invites all Meeting Attendees to attend the AMP Business & Awards Session on Friday, November 4th at 5:30pm. Come hear how AMP is working hard to help you advance patient care. A number of awards, including the Young Investigator, Technologist and the Jeffrey A. Kant Leadership Awards are presented at this session.

**AMP Social Event: AMAZING MOLECULAR PARTY**

The AMP Social Event will take place on Friday, November 4th at 7:00 PM at the Sheraton Phoenix Downtown Hotel. The Social Event is intended to facilitate networking opportunities between trainees, new, and long-standing AMP attendees. There will be mingling, dinner, and dancing! Attendees who purchased tickets when registering for the meeting will receive their ticket when they check-in at the registration desk for their Program Materials.

*Note: There are limited tickets this year and the event is sold out.*

HIGHLIGHTS & GENERAL INFORMATION

GENERAL INFORMATION

Mobile App

The AMP 2022 Mobile App is available for your Android, iPhone and other mobile devices. The AMP Mobile App is a robust tool allowing you to plan your meeting experience in advance and allows you to get instant updates onsite! AMP thanks **Hologic & Personal Genome Diagnostics** for its generous support of the AMP Mobile App. Please go to <https://amp22.amp.org/program/mobile-app> for more information or just scan the QR code to download it now!



Abstracts

A record number of abstracts were submitted this year! Please refer to the Poster section of the Program for more information on the Poster Map, Poster Listings and Author Index. The abstracts have been published in the November 2022 issue of *The Journal of Molecular Diagnostics (JMD)*. They are also available online at <https://amp22.amp.org/abstract-posters/poster-list>.

AMP 2022—NEW INITIATIVES

AMP Europe 2023

AMP Europe 2023 will be in Milan, Italy from June 18 – 20, 2023. The meeting will bring together a network of molecular professionals and representatives of the diagnostics industry to educate healthcare practitioners and to advance the value of molecular laboratories in providing high-quality patient care around the world. This multi-disciplinary scientific program will showcase molecular diagnostics with clinical applications in oncology (solid tumors, hematopathology), genetics (congenital, heritable), infectious diseases and informatics. For more information and to register for the Congress, please visit here: <https://amp-europe-congress.com>.

Attendee Badges

Name badges are required for admittance to all corporate workshops, scientific sessions, expo hall, lunches, coffee breaks, and other official meeting events. Badges contain a QR code that holds the attendee’s contact information (including name, address, phone number and email). Exhibitors will scan badges to send information after the meeting.

Attire

Attire is business casual for the meeting sessions and receptions, and casual for the Social Event. Remember to dress in layers and wear comfortable walking shoes.

## HIGHLIGHTS &amp; GENERAL INFORMATION

**Business Center**

The UPS Store is located in the Convention Center West Building on Second Street and can be reached at 602-251-0135. Their team is available to support for any last-minute needs! Some of their services include but are not limited to copy & print services, and shipping & receiving. Their standard hours of operation are Monday – Friday from 7:00 AM – 5:00 PM (and 9:00 AM – 5:00 PM on Saturday) but can vary based on events occurring at the Convention Center.

**City Information—Phoenix**

Greater Phoenix has long been known for its luxury resort offerings, including golf and spa amenities as well as the outdoor recreation options that come with our surrounding mountains. With the development of the city’s urban core, Phoenix has become a tale of two cities. Downtown Phoenix is anchored by the Phoenix Convention Center, three major hotels, the Phoenix Bioscience Core and Arizona State University—and the area is growing and evolving daily. New residences, innovative restaurant concepts, cocktail bars and an active arts and culture scene have transformed this once-sleepy downtown into a lively, walkable urban destination. We hope that AMP Annual Meeting & Expo attendees and exhibitors will be able to explore and take in all that Phoenix has to offer. Find more information on local dining, hotels, shopping and other amenities online at: <https://www.visitphoenix.com>.

**Consent to Use of Photographic Images/Contact Information**

Registration for and attendance at the AMP 2022 Annual Meeting & Expo constitutes the registrant’s agreement with the AMP’s use and distribution (both now and in the future) of the registrant or attendee’s image or voice in photographs, videotapes, electronic reproductions, audiotapes of such events and activities, and inclusion of their address in the registrant mail list (email addresses are not distributed).

**Continuing Education**

The AMP 2022 Annual Meeting & Expo has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of American Society for Clinical Pathology (ASCP) and the Association for Molecular Pathology. ASCP is accredited by the ACCME to provide continuing medical education (CME) for physicians. Additionally, the American Society for Clinical Pathology (ASCP) will also provide continuing medical laboratory education (CML) for non-physicians. Refer to the “Continuing Education” section for more information.

**HIGHLIGHTS & GENERAL INFORMATION**

**Dining Options**

Phoenix has a wide range of food options available for meeting attendees near the Convention Center. Find more information on local dining online at <https://www.visitphoenix.com/things-to-do/restaurants>. Please see the next page for meals included in attendee registration.

**First Aid & Medical Emergencies**

For medical emergencies, please dial 210-207-7773 to be instantly connected to the Security Department. If the injury is life threatening, call 911 **immediately**. *The Convention Center address is 900 E. Market St.* Call the Security Division after the 911 call to ensure they coordinate with the first responders to minimize response time. Automated External Defibrillator (AED) units are located throughout the Convention Center. The AED's are available for use and are marked "Automatic Defibrillator". There are always EMTs on-site during the day and there are multiple medical centers in close proximity from the property.

**Guest of Presenter Badges**

If a registered attendee would like a family member or friend to see his/her invited talk or poster presentation, the registered attendee may request a session guest badge at the AMP Registration Desk. The session guest badge must be returned to the Registration Desk after the session requested. Guests should be accompanied at all times and are not permitted at breaks/meals.

**Guest of Exhibitor Badges**

Each exhibiting company receives up to six (6) guest badges for use during the event. Exhibitors are responsible for coordinating with the AMP Registration Staff to check-in all guests. All guests of exhibitors must be accompanied by a registered member of the exhibit staff and are permitted access to the Expo Hall, only. Badges must be worn at all times.

**International Exhibitors** 🌐

AMP is Global! With members from more than 47 countries and meeting attendees from around the world, AMP has an active International Affairs Committee. The AMP Annual Meeting & Expo is the gathering place for molecular diagnostic professionals from around the globe. AMP exhibitors are no exception, representing more than 13 countries, many of our exhibitors have traveled far to share their products and services with us. Look for the globe icon in the program listing to identify these exhibitors and stop by to say hello.

## HIGHLIGHTS &amp; GENERAL INFORMATION

**Internet**

Complimentary Wireless Internet is available in all of the lobby/public spaces of the Convention Center. Attendees who wish to purchase wireless service may do so for \$12.95 per day/per computer available in all public spaces, meeting rooms, & Ballrooms (Not available on the Expo Hall).

**Lost & Found**

The Lost & Found is located at the AMP Registration Desk. Please speak to an AMP Staff member regarding a lost item or to turn in a found item.

**Luggage & Coat Check Hours**

A luggage and coat check area will be made available for all attendees. Attendees utilizing this service do so at their own risk. AMP will not be responsible for any missing or stolen personal items from this area or for items that are not retrieved after the luggage check closes.

**Location:** Expo Hall Foyer, Lower Level.

<b>Wednesday, November 2</b>	7:15 AM – 5:15 PM
<b>Thursday, November 3</b>	7:15 AM – 7:15 PM
<b>Friday, November 4</b>	7:15 AM – 6:45 PM
<b>Saturday, November 5</b>	7:15 AM – 5:45 PM

**Meals****Breakfast**

Breakfast is not included. Please plan any breakfast options before arriving at the Phoenix Convention Center this week.

**Coffee Breaks**

Coffee Breaks are also offered throughout the event. Please check the Program Schedule for times and location. Thank you to **AbbVie** for sponsoring one of the Coffee Break Stations within the Expo Hall.

**HIGHLIGHTS & GENERAL INFORMATION**

**Lunches**

Lunches are provided for registered meeting attendees, only, and are included in the price of meeting registration. Exhibitors are encouraged to grab lunch onsite or at one of the of local venues just outside the convention center.

<b>Thursday, November 3</b>	12:30 PM – 2:00 PM
<b>Friday, November 4</b>	11:45 AM – 1:15 PM
<b>Saturday, November 5</b>	11:45 AM – 1:15 PM

*\*Please go to the end of the “Highlights & General Information” section for full descriptions of lunch options.*

**News Room**

The News Room is available for all qualified print, online, and broadcast news media outlets. Visit <https://amp22.amp.org/media/media-information> for more information or contact Andy Noble ([anoble@amp.org](mailto:anoble@amp.org)) or 415-722-2129. Location and hours of operation for the News Room are as follows:

**AMP News Room:** Convention Center, Room 132C, Level 100

<b>Thursday, November 3</b>	8:00 AM – 4:30 PM
<b>Friday, November 4</b>	8:00 AM – 4:30 PM
<b>Saturday, November 5</b>	8:00 AM – 12:00 PM

**Nursing Mothers**

Nursing Pods are located in the West Building atrium and on the 200 level of the North Building. Room will be located in the convention center and available for Annual Meeting attendees. You can unlock the pods by downloading the free Mamava app or by visiting the Information Desk and speaking with a Guest Experience Representative. Should you need a refrigerator, please go to the Meeting Management Office (131B).

**Parking**

Parking is available to all downtown visitors on a first-come, first-served basis. The Phoenix Convention Center & Venues parking is subject to availability. For garage locations, visit [www.phoenixconventioncenter.com](http://www.phoenixconventioncenter.com).

## HIGHLIGHTS &amp; GENERAL INFORMATION

**Photography/Recording**

Please be respectful of your colleagues. Do not record presentations without the speaker's permission. Do not take photographs of posters without authorization/permission of the author. Meeting attendees may be asked to leave if this causes disruption to a session.

**Poster Tube Storage**

Bins for poster tubes will be available throughout the poster sections. Poster Tube Storage will NOT be staffed and is not secured. If you would like to leave your poster tube, please clearly mark it with your name and place it in one of the bins. AMP is not responsible for any lost, stolen or damaged posters or poster tubes.

**Ribbon Bar**

Back by popular demand! Stop by the RIBBON BAR located in the Registration Area to pick-up applicable ribbon(s) for your meeting badge, *i.e.*, Committee, Speaker, Awardee, Trainee, First Time Attendee and others.

**Speaker Ready Room**

If you are speaking at a scientific session and did not upload your presentation in advance of the meeting, you will need to visit the speaker ready room before your session to provide a copy of your presentation. The speaker ready room is located at the **Convention Center, Room 123, Level 100**. All presentations will be collected in the speaker ready room, and your presentation will be preloaded onto the computer in your session room. Please visit the speaker ready room at least one hour prior to the start of your session. Technicians will be available to receive your presentation during the hours listed below. Presentations will not be loaded directly onto the computers in the session room, so it is essential that you stop by the speaker ready room. You will be able to review and/or make changes to your presentation before providing it to the technicians.

**Speaker Ready Room Hours**

<b>Wednesday, November 2</b>	12:00 PM – 5:00 PM
<b>Thursday, November 3</b>	6:30 AM – 5:00 PM
<b>Friday, November 4</b>	6:30 AM – 5:00 PM
<b>Saturday, November 5</b>	6:30 AM – 5:00 PM

**HIGHLIGHTS & GENERAL INFORMATION**

**LUNCH OPTIONS** *\*Some lunches are for specific groups of members, only—see descriptions.*

**General Lunches** are open to all AMP 2022 Annual Meeting & Expo registered attendees. The General Lunches will be held in the Expo Hall (**Convention Center, Exhibit Halls 4-6, Lower Level**) and can be accessed in the designated entrance on the Expo Floor.

**Networking Lunches** are open to all AMP 2022 Annual Meeting & Expo registered attendees\* They do not require payment or pre-registration. Simply show up at the appropriate networking lunch as noted below. Please note that seating is limited and available on a first come, first served basis. Networking lunches close when room capacity is filled. Please have your badge scanned as you enter the networking luncheons. This helps AMP measure outcomes and facilitate future planning.

**Thursday, November 3**

**New to AMP? First Time at the Annual Meeting? New Member and First Timers Lunch**

*Hosted by the Membership Affairs Committee*

**Time:** 12:30 PM – 2:00 PM                      **Location:** Room 126, North Building, Level 100

**Description:** New to AMP? First Time at the Annual Meeting? Join us for lunch! This event is an opportunity to network with other first time attendees and new AMP Members. Current members of the Membership Affairs Committee will be on hand to answer questions and help you kick off a great experience at this year's AMP meeting!

**AMPlify Your Voice: The Future of AMP Advocacy Luncheon**

*Hosted by the Professional Relations Committee*

**Time:** 12:30 PM – 2:00 PM                      **Location:** Room 127, North Building, Level 100

**Description:** The Professional Relations Committee (PRC) coordinates, strategizes, and implements the Association's initiatives with government, coalitions, trade associations, and patient and professional organizations to inform and influence policy discussions that have an impact of the practice of molecular pathology. Learn the latest updates on AMP's advocacy efforts, including protecting the *AMP v. Myriad* decision, stopping the VALID Act, supporting CLIA Modernization, and enhancing patient advocacy engagement, as well as discover ways members can get involved! AMP develops its policy positions based on the needs of its membership and in order to ensure they are appropriate and up to date, it is important to connect with the membership and understand their current practice, priorities, and concerns. This luncheon is an opportunity for attendees to engage in a discussion with PRC members on current advocacy activities as well guide the advocacy team's focus going forward.

## HIGHLIGHTS &amp; GENERAL INFORMATION

**Friday, November 4****Trainee Networking Luncheon**

*Hosted by the Training & Education Committee*

**Time:** 11:45 AM – 1:15 PM

**Location:** Room 126, North Building, Level 100

**Description:** Trainees, students, and junior faculty: Join us for an opportunity to network with faculty and other trainees in molecular pathology, while learning about career opportunities in our field! Between lunch and a free textbook raffle, come have a great time with the Training & Education Committee at the AMP 2022 Annual Meeting & Expo.

**Saturday, November 5****Technologies Networking Luncheon—Conversations About Career Development**

*Hosted by the Training & Education Committee*

**Time:** 11:45 AM – 1:15 PM

**Location:** Room 126, North Building, Level 100

**Description:** The luncheon will be a social opportunity to share working and learning experiences.

**DEI Working Group Networking Luncheon**

*Hosted by the AMP DEI Working Group*

**Time:** 11:45 AM – 1:15 PM

**Location:** Room 127, North Building, Level 100

**Description:** This networking lunch continues the popular member engagement program of the AMP Diversity, Equity, and Inclusion (DEI) Working Group, which was formed in 2021 to address inequality issues and to promote DEI within the AMP community. After a brief review of AMP's DEI activities, attendees will participate in roundtable discussion. Discussion topics may include bias in the workplace, race and ethnicity, gender, sexual orientation and gender identity, developmental and acquired disabilities, socioeconomic status, and multigenerational diversity. The discussion goal is for attendees to share their own challenges and/or successes in the workplace in any aspect of DEI as well as learning from the experience from others. The lunch is open for ALL attendees who wish to learn and engage in conversations about DEI.

**HIGHLIGHTS & GENERAL INFORMATION**

**Abstract Information**

**NEW this year!** Abstracts will only be published on the online version of *The Journal of Molecular Diagnostics (JMD)* and will not be available in the printed journal. This was done to give trainees more time to submit their abstracts for the AMP Annual Meeting & Expo. The PDF will be available to download or print the *JMD*. Use the QR code to access the abstracts or go to: [https://www.jmdjournal.org/issue/S1525-1578\(22\)X0002-0](https://www.jmdjournal.org/issue/S1525-1578(22)X0002-0).



**ePoster Information**

**New this year!** In addition to authors presenting a printed Poster at the Annual Meeting & Expo, we are excited to provide the opportunity for attendees to browse ePosters directly within the Mobile App! You'll also be able to browse and search for titles of the abstracts for all ePoster/Posters. More information available on the AMP 2022 website: <https://amp22.amp.org/program/mobile-app>.

**General Poster, Award Applicant, and Author/Presenter Information**

As always, the Posters are a very popular attraction at the AMP Annual Meeting & Expo. Please read below for important information, regarding general information, poster presentations, and award applicant guidelines.

- All posters are on display in the Convention Center, Expo Hall 4 – 6, Lower Level for the duration of the event.
- Poster set-up is Thursday, November 3, 6:30 AM – 8:00 AM. All posters must remain on display through 1:00 PM, Saturday, November 5.
- Posters are listed in sequence by category and number in the following format:

**Poster Number**

**Abstract Title**

*First Author's Name*

- Key to poster categories:

**G** = Genetics

**I** = Informatics

**TT** = Technical Topics

**HP** = Hematopathology

**O** = Other

**ID** = Infectious Diseases

**ST** = Solid Tumors

- All Award Applicant posters display in Poster Number order in the areas of their subject category. They are identified as Award Applicant posters by a card mounted on the poster board.

## HIGHLIGHTS &amp; GENERAL INFORMATION

- All Award Applicants must attend their posters on Thursday, November 3, 3:00 PM – 4:30 PM for interviews with members of the poster reviewing committees. Award candidates are required to stand at their poster until 4:45 PM.
- All First/Presenting Authors, including Award Applicants, must attend their posters either Friday morning (even-numbered posters) or Saturday morning (odd-numbered posters):
  - Even-numbered posters must be attended on Friday, November 4, 9:15 AM – 10:15 AM
  - Odd-numbered posters will be attended on Saturday, November 5, 9:15 AM – 10:15 AM
  - Authors who have more than one even- or odd-numbered poster may either ask another author to attend their additional poster or attend it themselves during the other session. In the latter case, the author should place a note on the poster board alerting attendees that they will attend the poster in the alternate session.
- Poster removal is Saturday, November 5, 1:00 PM – 1:30 PM. Posters must remain in place until at least 1:00 PM. Posters remaining past 1:30 PM will be removed and discarded.
- Please note that poster-viewing is not eligible for Continuing Education credit.

AWARD RECIPIENT



**AMP AWARD  
FOR EXCELLENCE**  
IN MOLECULAR DIAGNOSTICS 2022



**Carol W. Greider, PhD**

University of California, Santa Cruz, CA, USA

AWARD RECIPIENT



**JEFFREY A. KANT**  
**LEADERSHIP AWARD 2022**

**FOR EXCEPTIONAL LEADERSHIP IN ADVANCING THE MISSION  
AND GOALS OF THE ASSOCIATION FOR MOLECULAR PATHOLOGY**



**Karen Weck, MD**

University of North Carolina, Chapel Hill, NC, USA

AWARD RECIPIENT



**AMP MERITORIOUS  
SERVICE AWARD 2022**



**Samuel K. Caughron, MD**

MAWD Pathology, Lenexa, KS, USA



## AWARD RECIPIENTS

## TRAVEL AWARDS 2022

**AMP TECHNOLOGIST TRAVEL AWARDS**

*Supported by Asuragen,  
a Bio-Techne Brand*

Lara Bonomi, Baystate Health,  
Holyoke, MA, USA

Meghan Buldo, University  
of Rochester Medical Center,  
Rochester, NY, USA

Diomedes Carino, University of  
the Philippines, Philippine Genome  
Center, Quezon City Metro,  
Manila Philippines

Lisa Haley, Johns Hopkins School of  
Medicine, Johns Hopkins Genomics,  
Baltimore, MD, USA

Lama Hamadeh, American  
University of Beirut Medical Center,  
Beirut, Lebanon

Weijing He, MD, University of  
Texas Health San Antonio,  
San Antonio, TX, USA

Grace Luk, Sunnybrook Health  
Sciences Centre, Toronto,  
Ontario Canada

Briege Mahoney, University  
of Vermont Medical Center,  
Genomic Medicine Laboratory,  
Burlington, VT, USA

Nikitha Nair, Leidos Biomedical  
Research, Inc., NIH/NCI,  
Frederick, MD, USA

Christine Nakad, American University  
of Beirut Medical Center,  
Beirut, Lebanon

**INTERNATIONAL TRAINEE TRAVEL AWARDS**

Dushyant Kumar, PhD, Rajiv Gandhi  
Cancer Institute & Research  
Center, Delhi, India

Indranil Dey, MD, Tata Medical  
Center, Kolkata, West Bengal, India

Petroula Gerasimou, PhD, Karaiskakio  
Foundation, Nicosia, Cyprus

**US BASED TRAINEE TRAVEL AWARDS**

Jeremy Adler, MD, University of  
Miami, Miami, FL, USA

Jayanta Mondal, University of  
Texas MD Anderson Cancer Center,  
Houston, TX, USA

Shivaprasad Sathyanarayana,  
PhD, Dartmouth Health,  
Lebanon, NH, USA

**UNDERREPRESENTED IN MEDICINE TRAVEL AWARDS**

*Technologist Awardees Supported by  
Asuragen, a Bio-Techne Brand*

Dingani Nikosi, MBBS, University  
of Rochester Medical Center,  
Rochester, NY, USA

James Shurko, PhD, iGenomeDx, Inc.,  
San Antonio, TX, USA

Justin Duran, iGenomeDX, Inc.,  
San Antonio, TX, USA

Mark Jude Bayuga, Seattle Children's  
Hospital, Seattle, WA, USA

Spencer Dugbartey, Veterinary  
Services Directorate, Accra,  
Greater Accra Ghana

Patricia Hernandez, MD, Washington  
University in St. Louis,  
St. Louis, MO, USA

Leonard N. Yenwongfai, MD,  
University of Kentucky,  
Lexington, KY, USA





# EUROPE 2023

Milan, Italy

**June 18–20, 2023**

NH Milano Congress Centre



[www.amp-europe-congress.com](http://www.amp-europe-congress.com)



ASSOCIATION  
FOR MOLECULAR  
PATHOLOGY



CONTINUING EDUCATION



# AMP2023

ANNUAL MEETING & EXPO

NOVEMBER 14-18, 2023 • SALT LAKE CITY, UT, USA

## CONTINUING EDUCATION INFORMATION



### DISCLOSURE OF CONFLICT OF INTEREST

Disclosure information is provided to learners and contains all financial relationships that each individual in a position to control the content disclosed to ASCP. All of these relationships were treated as a conflict of interest, and have been mitigated. (C7 SCS 6.1–6.2, 6.5) *All individuals in a position to control the content of CE are listed on the AMP 2022 Annual Meeting & Expo CE webpage. If their name is not listed, they disclosed that they had no financial relationships with a commercial interest.*

Access disclosures here: <https://amp22.amp.org/ce-credits/continuing-education>

### CREDIT DESIGNATION STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of ASCP and the Association for Molecular Pathology. ASCP is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement—The ASCP designates this live activity for a maximum of **18.50 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### CMLE

This continuing medical laboratory education activity is recognized by the American Society for Clinical Pathology as meeting the criteria for up to 18.50 CMLE credits. ASCP CMLE credits are acceptable to meet the continuing education requirement for the ASCP Board of Registry Certification Maintenance Program.

**CONTINUING EDUCATION INFORMATION**

**PLEASE NOTE:** Sessions that are not eligible for Continuing Medical Education (CME) credit or Continuing Medical Laboratory Education (CMLE) credit are designated as “NOT CME” in the meeting program.

**Additionally, the following events/session are not eligible for CME/CMLE:**

- Social Events and meals listed in the meeting program
- Visiting exhibits because of standards of the ACCME that are designated to prevent commercial bias
- Viewing posters in the Exhibit Hall because the posters are in line of sight of commercial exhibits

**HOW TO CLAIM CME, CMLE AND CERTIFICATE OF ATTENDANCE**

Most of the AMP Annual Meeting & Expo scientific sessions are eligible for CME or CMLE. Instructions on how to claim continuing education credit will be sent to all attendees by e-mail following the Annual Meeting & Expo.

1. Complete the AMP 2022 Annual Meeting & Expo Survey (link to be sent via email)
2. At the completion of the survey, links to claim CME, CMLE, and the Certificate of Attendance will be provided

**IMPORTANT: Save, download, or print the page with these links. If you navigate away from this page, you will no longer be able to re-access this page.**

3. Clicking on the links will prompt you to log in. Use your myAMP account information.
  - a. If you are claiming CME/CMLE, follow the instructions on the page.
  - b. If you are claiming the Certificate of Attendance, fill in the blanks on the certificate and print for your records.

Applications for CME/CMLE credits will be submitted ONLINE. Keep track of your credit by completing the downloadable Credit Tracker available at <https://amp22.amp.org/ce-credits/continuing-education>. Complete only for the sessions that you attended, then transfer your information to the online form.

**IMPORTANT: THE DEADLINE TO CLAIM CME, CMLE, OR CERTIFICATE OF ATTENDANCE IS SATURDAY, DECEMBER 31, 2022 (11:59PM EASTERN TIME)**

Please contact AMP via email ([AMPEducation@amp.org](mailto:AMPEducation@amp.org)) if you have any questions regarding Continuing Education.



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PROGRAM-AT-A-GLANCE

### WOMEN'S HEALTH

- CT/NG
- *Mycoplasma genitalium*
- *Trichomonas vaginalis*
- Bacterial vaginosis
- Candida vaginitis/*Trichomonas vaginalis*
- HSV 1 & 2
- HPV
- HPV 16 18/45
- Zika Virus\*

### INFECTIOUS DISEASE

- HIV-1 Quant Dx
- HCV Quant Dx
- HBV Quant
- CMV Quant
- Flu A/B/RSV
- Paraflu
- AdV/hMPV/RV
- SARS-CoV-2\*
- SARS-CoV-2/Flu A/B\*
- SARS-CoV-2/Flu A/B/RSV<sup>†</sup>
- GI Bacterial<sup>†</sup>
- GI Expanded Bacterial<sup>†</sup>
- GI Viral<sup>†</sup>
- GI Parasite<sup>†</sup>
- GBS<sup>†</sup>
- EBV<sup>†</sup>
- BKV<sup>†</sup>
- C. difficile<sup>†</sup>
- M. gen macrolide resistance<sup>†</sup>
- Monkeypox<sup>†</sup>

\* The Aptima SARS-CoV-2, Aptima Zika Virus, Aptima SARS-CoV-2/Flu and Panther Fusion SARS-CoV-2 assays have not been FDA cleared or approved; These tests have been authorized by FDA under an EUA for use by authorized laboratories; The Aptima and Panther Fusion SARS-CoV-2 assays have been authorized only for the detection of nucleic acid from SARS-CoV-2, not for any other viruses or pathogens; The Aptima Zika Virus assay has been authorized only for the detection of nucleic acid from Zika virus, not for any other viruses or pathogens; The Aptima SARS-CoV-2/Flu assay has been authorized only for the simultaneous qualitative detection and differentiation of nucleic acid from SARS-CoV-2, Flu A, Flu B and not for any other viruses or pathogens. The Aptima SARS-CoV-2, Panther Fusion SARS-CoV-2, and Aptima SARS-CoV-2/Flu assays are only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of in vitro diagnostic tests for detection and/or diagnosis of COVID-19 under Section 564(b)(1) of the Act, 21 U.S.C. § 360bbb-3(b)(1), unless the authorization is terminated or revoked sooner. The Aptima Zika assay is only authorized for the duration of the declaration that circumstances exist justifying the authorization of emergency use of in vitro diagnostic tests for detection of Zika virus and/or diagnosis of Zika virus infection under Section 564(b)(1) of the Act, 21 U.S.C. § 360bbb-3(b)(1), unless the authorization is terminated or revoked sooner.

<sup>†</sup> In development and not for sale.

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**FUSION® SARS-CoV-2/Flu A/B/RSV**  
Assay

AND

**RespDirect™**  
Collection Kit

01

COLLECT

### Simplified Workflow

Collect and load the RespDirect™ tube directly on the Panther Fusion® system with **NO** uncapping or specimen transfer.

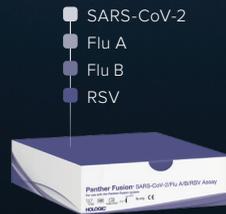


02

DETECT

### Streamlined Testing

Detect four common respiratory pathogens in a single test with the Panther Fusion® SARS-CoV-2/Flu A/B/RSV assay.



03

DELIVER

### Scalable Automation

Deliver more results in less time with the high-throughput, fully-automated Panther Fusion® system.



PROGRAM-AT-A-GLANCE

Visit Booth 1109



From patient collection to results – trust Hologic as your committed partner for syndromic respiratory testing.



ADD ON  
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# PROGRAM-AT-A-GLANCE CHART

	Thursday, 11/03/22	Friday, 11/04/22	Saturday, 11/05/22	
MORNING	07:00-07:30	Independent Satellite Symposium	Case Study Presentations	
	07:30-08:00		Break	
	08:00-08:30	Opening Remarks	Plenary Session	Plenary Session
	08:30-09:00	Award for Excellence Lecture		
	09:00-09:30	Break	Visit the Exhibits, AMP Central & Posters (Even-numbered Posters)	Visit the Exhibits, AMP Central & Posters (Odd-numbered Posters)
	09:30-10:00			
	10:00-10:30	Plenary Session	Breakout Sessions	Breakout Sessions
	10:30-11:00	Break		
	11:00-11:30	Breakout Sessions		
	11:30-12:00	Lunch	Lunch	Lunch
	12:00-12:30			
	AFTERNOON	12:30-01:00		
01:00-01:30		Plenary Session	Breakout Sessions	Breakout Sessions
01:30-02:00		Breakout Sessions	Visit the Exhibits, AMP Central & Posters	Break
02:00-02:30		Plenary Session	Breakout Sessions	Breakout Sessions
02:30-03:00		Breakout Sessions	Visit the Exhibits, AMP Central & Posters	Break
03:00-03:30		Plenary Session	Plenary Session	Plenary Session
03:30-04:00		Breakout Sessions	Break	Break
04:00-04:30		Visit the Exhibits, AMP Central & Posters (Award Judging & General Viewing)	Business Meeting & Award Session	Closing Remarks
04:30-05:00		Breakout Sessions		
05:00-05:30		Welcome Reception		
05:30-06:00				
06:00-06:30				
06:30-07:00				
07:00-07:30				
07:30-08:00				
08:00-08:30				
08:30-09:00				
09:00-09:30				
09:30-10:00				
10:00-10:30				

## PROGRAM-AT-A-GLANCE LISTING

### TUESDAY, NOVEMBER 1, 2022

<b>8:15 AM – 4:30 PM</b>	<b>AMP Reference Materials Forum</b>	<i>Sheraton, Encanto AB</i>
<b>3:00 PM – 6:00 PM</b>	<b>Attendee, Speaker, and Exhibitor Registration and Check-In</b>	<i>Expo Hall Foyer, Lower Level</i>

### WEDNESDAY, NOVEMBER 2, 2022

<b>7:30 AM – 5:00 PM</b>	<b>Attendee, Speaker, and Exhibitor Registration and Check-In</b>	<i>Expo Hall Foyer, Lower Level</i>
<b>7:30 AM – 11:00 AM</b>	<b>Board of Directors Meeting</b> <i>(Invitation Only)</i>	<i>Sheraton, Encanto AB</i>
<b>8:00 AM – 5:00 PM</b>	<b>Corporate Workshop Day</b>	<i>Various Rooms, Level 200</i>
<b>8:15 AM – 4:00 PM</b>	<b>Get AMPed!</b>	<i>Sheraton, Valley of the Sun Ballroom DE</i>
<b>2:00 PM – 5:30 PM</b>	<b>Committee Meet &amp; Greets</b> <i>(Invitation Only)</i>	<i>Sheraton, Various Rooms</i>
<b>5:00 PM – 6:30 PM</b>	<b>Volunteer Appreciation Reception</b> <i>(Invitation Only)</i>	<i>Sheraton, Valley of the Sun Ballroom C</i>

### THURSDAY, NOVEMBER 3, 2022

<b>6:30 AM – 8:00 AM</b>	<b>Poster Set-Up</b>	<i>Expo Hall, Lower Level</i>
<b>7:00 AM – 5:00 PM</b>	<b>Attendee, Speaker, and Exhibitor Registration and Check-In</b>	<i>Expo Hall Foyer, Lower Level</i>
<b>12:00 PM – 7:00 PM</b>	<b>Expo Hall Open</b>	<i>Expo Hall, Lower Level</i>
<b>6:00 PM – 7:00 PM</b>	<b>Welcome Reception</b>	<i>Expo Hall, Lower Level</i>

\* All events at the Phoenix Convention Center are in the North Building unless otherwise stated.

## PROGRAM-AT-A-GLANCE LISTING

## THURSDAY, NOVEMBER 3, 2022

For the most up to date session information and full session descriptions and objectives please visit the AMP 2022 mobile app.

**7:00 AM – 8:00 AM**      **Independent Satellite Symposium: Optimizing Molecular Testing Practices to Inform Treatment Decision-Making in Patients With Advanced and Metastatic NSCLC**  
(breakfast begins at 6:45 AM)

**Location:** Room 127, North Building, Level 100

**Hosted by PRIME Education**

**Independent Satellite Symposium: Optimizing Molecular Testing Practices to Inform Treatment Decision-Making in Patients With Advanced and Metastatic NSCLC**

*\*Space is limited and based on first come, first serve.*

**7:00 AM – 8:00 AM**      **Interactive Teaching in Molecular Pathology: An Educator Community of Practice (EdCoP) Event**

**Location:** Room 126, North Building, Level 100

**8:15 AM – 8:30 AM**      **Opening Remarks**

**Location:** North Ballroom, Level 100

**Opening Remarks**

*Nirali Patel, MD, Tempus Labs, Durham, NC, USA*

**8:30 AM – 9:45 AM**      **AMP Award for Excellence in Molecular Diagnostics: Presentation and Lecture**

**Location:** North Ballroom, Level 100

**CE Credit:** 1.25

**Telomeres, Telomerase and Disease**

*Carol W. Greider, PhD, University of California, Santa Cruz, CA, USA*

**9:45 AM – 10:00 AM**      **Break**

**PROGRAM-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 3**

**10:00 AM – 11:15 AM**      **Demystifying the MoIDX Technical Assessment Process**

**Location:** North Ballroom, Level 100

**CE Credit:** 1.25

**Path:** Lab Management, Oncology, Informatics, Inherited Conditions, Molecular Methodologies & Technologies

**Moderators:** *Ashley E. Shean, MS, Palmetto GBA, Virginia Beach, VA, USA and Barbara A. Anderson, MS, MB(ASCP)CM, Duke University Health Systems, Durham, NC, USA*

**Demystifying the MoIDX Technical Assessment Process**

*Gabriel Bien-Willner, MD PhD, Palmetto GBA, The Woodlands, TX, USA*

**11:15 AM – 11:30 AM**      **Break**

**11:30 AM – 12:30 PM**      **AMP Working Group: Update of Standards and Guidelines for the Interpretation and Reporting of Sequence Variants in Cancer: A Joint Consensus Recommendation of the Association for Molecular Pathology, American Society of Clinical Oncology, and College of American Pathologists**

**Location:** Room 121, North Building, Level 100

**CE Credit:** 1

**Path:** Oncology

**AMP Working Group: Update of Standards and Guidelines for the Interpretation and Reporting of Sequence Variants in Cancer: A Joint Consensus Recommendation of the Association for Molecular Pathology, American Society of Clinical Oncology, and College of American Pathologists**

*Marilyn Li, MD, Children's Hospital of Philadelphia, Philadelphia, PA, USA*

## PROGRAM-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 3

11:30 AM – 12:30 PM

## Platform Presentations of Selected Genetics Abstracts

**Location:** Room 122, North Building, Level 100**CE Credit:** 1**Path:** Inherited Conditions, Oncology**Moderators:** Pinar Bayrak-Toydemir, MD, PhD, FACMG, University of Utah, ARUP Laboratories, Salt Lake City, UT, USA and Makenzie Fulmer, PhD, University of Utah/ARUP Laboratories, Salt Lake City, UT, USA**G025—Standardized Assessment of Oncogenicity and Clinical Significance of NTRK Fusions**

Jason Saliba, PhD, Washington University School of Medicine, St. Louis, MO, USA

**G026—Comparison of PIK3CA Genetic Variation Specific to Disorders of Somatic Mosaicism (DoSM) and Variants Associated with Neoplasms**

Patricia V. Hernandez, MD, Washington University School of Medicine, St. Louis, MO, USA

**G028—Loss of BRD7 Promotes Breast Cancer Lung Metastasis by Reprogramming the Tumor Immune Microenvironment**

Jayanta Mondal, University of Texas MD Anderson Cancer Center, Houston, TX, USA

**G048—Validation of a Germline Genetic Testing Panel for Hematologic Malignancies Using Nail Specimens**

Ozge Ceyhan-Birsoy, PhD, Memorial Sloan Kettering Cancer Center, New York, NY, USA

11:30 AM – 12:30 PM

## Platform Presentations of Selected Hematopathology Abstracts

**Location:** Room 124, North Building, Level 100**CE Credit:** 1**Path:** Oncology**Moderators:** Nathan Montgomery, UNC School of Medicine, Chapel Hill, NC, USA and Reza Ghasemi, PhD, Washington University in Saint Louis, St. Louis, MO, USA**H002—Going Beyond Karyotyping and FISH: Impact of Optical Genome Mapping (OGM) with Additional Clinically Relevant Information in 75 Hematological Malignancy Cases**

Nikhil Sahajpal, PhD, Augusta University, Augusta, USA

**H004—Routine Use of cfDNA Isolated from Nail Clippings as a Source of Matched Non-Tumor DNA for Genetic Studies in Hematologic Malignancies**

Melissa Krystel-Whittemore, MD, Memorial Sloan Kettering Cancer Center, New York, NY, USA

**H046—Evaluation of Incomplete DJ-Rearrangements by Next-Generation Sequencing of Immunoglobulin Genes: The Canary in the Coal Mine**

Karin Miller, MD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

**H049—Transcriptome Sequencing (RNA-Seq) Allows Comprehensive Genomic Characterization of Pediatric B-lymphoblastic Leukemia (B-ALL) in the Clinical Setting**

Gordana Raca, MD, PhD, Children's Hospital Los Angeles, Los Angeles, CA, USA

**PROGRAM-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 3**

**11:30 AM – 12:30 PM**

**Platform Presentations of Selected Informatics Abstracts**

**Location:** Room 129, North Building, Level 100

**CE Credit:** NOT CME

**Path:** Informatics

**Moderator:** Mark Routbort, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA

**I002—Monitoring Specimen Molecular Identity Signatures to Capture Pre-Analytic and Analytic Errors**

Joy Nakitandwe, PhD, Cleveland Clinic, Cleveland, OH, USA

**I004—Application of Whole Transcriptome Sequencing to Pediatric Cancer Diagnosis and Patient Management**

Alexander Gout, PhD, St Jude Children's Research Hospital, Memphis, TN, USA

**I006—Rapid Targeted Germline and Somatic Variant Detection Using the G4 Sequencing System**

Timothy Looney, Singular Genomics, Austin, TX, USA

**I022—Using a Machine Learning (ML) Algorithm to Predict Quantity/Quality Not Sufficient (QNS) Samples in a Clinical Massively Parallel Sequencing (MPS) Laboratory**

Waqas Mahmud, MBBS, Stony Brook University Hospital, Nesconset, NY, USA

**12:30 PM – 2:00 PM**

**General Lunch—Visit Expo Hall and View Posters**

**Lunches:** General Lunches are in the Expo Hall. Networking Lunches, please see the descriptions/schedule in the "Highlights & General Information" section of the Program Book, Pages 22 – 23.

**AMP Central Activities:** Subdivision Meet & Greet

**Innovation Spotlight Stage:** See schedule on the Mobile App, in the "Expo Information" section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**2:00 PM – 3:00 PM**

**Single Cell Multi-Omics Applications in Cancer**

**Location:** North Ballroom, Level 100

**CE Credit:** 1

**Path:** Oncology, Molecular Methodologies & Technologies

**Moderators:** Lauren Ritterhouse, MD, PhD, Massachusetts General Hospital, Andover, MA, USA and Sinchita Roy-Chowdhuri, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA

**Single Cell Multi-Omics Applications in Cancer**

Mario Suva, MD, PhD, Massachusetts General Hospital, Broad Institute, Charlestown, MA, USA

## PROGRAM-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 3

3:00 PM – 4:30 PM

Coffee Break—Visit Expo Hall and View Posters

**Posters:** Award Applicant Posters Attended.**AMP Central Activities:** Advocacy Meet & Greet**Innovation Spotlight Stages:** See schedule on the Mobile App, in the “Expo Information” section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

4:30 PM – 6:00 PM

Challenges and Considerations of Germline Testing In the Era of Tumor Sequencing

**Location:** Room 121, North Building, Level 100**CE Credit:** 1.5**Path:** Lab Management, Oncology, Inherited Conditions, Molecular Methodologies & Technologies**Moderators:** Jianling Ji, MD, MS, Children’s Hospital of Los Angeles, Arcadia, CA, USA and Karen E. Weck, MD, University of North Carolina and McLendon Clinical Laboratories, Chapel Hill, NC, USA**Comprehensive Assessment of Germline Pathogenic Variant Detection in Tumor-Only Sequencing***Diana Mandelker, MD, PhD, Memorial Sloan Kettering Cancer Center, New York, NY, USA***Points to Consider for Reporting of Germline Variation in Patients Undergoing Tumor Testing***Marilyn Li, MD, Children’s Hospital of Philadelphia, Philadelphia, PA, USA***Challenges of Identification of Germline Variants in Tumor Genomic Sequencing Analysis***Junne Kamihara, MD, PhD*

4:30 PM – 6:00 PM

Profiling the Tumor Microenvironment and its Implications on Cancer Staging and Therapeutics

**Location:** Room 124, North Building, Level 100**CE Credit:** 1.5**Path:** Oncology, Informatics, Molecular Methodologies & Technologies**Moderators:** Sinchita Roy-Chowdhuri, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA and Jaclyn Hechtman, MD, Miami Cancer Institute, Miami, FL, USA**Profiling/Measuring the Tumor Microenvironment***David Rimm, MD, PhD, Yale University School of Medicine, New Haven, CT, USA*

**PROGRAM-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 3**

**4:30 PM – 6:00 PM**

**SARS CoV-2 Sequencing: Utilizing Variant Data to Predict The Next Wave**

**Location:** Room 122, North Building, Level 100

**CE Credit:** 1.5

**Path:** Infectious Diseases, Informatics, Molecular Methodologies & Technologies

**Moderators:** *Ashley E. Shean, MS, Palmetto GBA, Virginia Beach, VA, USA and Rebecca Yee, PhD, The George Washington University School of Medicine and Health Sciences, Washington, DC, USA*

**SARS CoV-2 Sequencing: Utilizing Variant Data to Predict The Next Wave**

*Pavitra Roychoudhury, MSc, PhD, University of Washington/Fred Hutchinson Cancer Center, Seattle, WA, USA*

**4:30 PM – 6:00 PM**

**Technologist Innovation Session: Moving the Molecular Lab Forward**

**Location:** Room 129, North Building, Level 100

**CE Credit:** 1.5

**Path:** Molecular Methodologies & Technologies

**Moderator:** *Lisa M. Haley, MS, MB ASCP(CM), Johns Hopkins, Forest Hill, MD, USA*

**Overview of an Updated Clinical NGS Capture-Based Oncology Panel Workflow**

*Michelle Dina, Mayo Clinic, Rochester, MN, USA*

**Mutational Spectrum of PIK3CA in Lebanese Breast Cancer Patients: A Pilot Study**

*Christine Nakad, American University of Beirut Medical Center, Beirut, Lebanon*

**Automation of The Taqpath Covid-19 Combo Assay using the Epmotion 5075c and the Qiagility**

*Krupa Jani, Memorial Sloan Kettering Cancer Center, New York, NY, USA*

**6:00 PM – 7:00 PM**

**Welcome Reception (In the Expo Hall)**

**AMP Central Activities:** Welcome Reception Tweet Up!

## PROGRAM-AT-A-GLANCE LISTING

## FRIDAY, NOVEMBER 4, 2022

For the most up to date session information and full session descriptions and objectives please visit the AMP 2022 mobile app.

7:30 AM – 5:00 PM

Attendee, Speaker, and Exhibitor Registration and Check-In

**Location:** Expo Hall Foyer, Lower Level

9:00 AM – 4:00 PM

Expo Hall Open

**Location:** Expo Hall, Lower Level

7:00 AM – 8:00 AM

Case Studies in Genetics and Infectious Diseases

**Location:** Room 121, North Building, Level 100

**CE Credit:** 1

**Path:** Inherited Conditions, Infectious Diseases

**Moderators:** Rangaraj Selvarangan, PhD, Childrens Mercy Hospital, Kansas City, MO, USA and Ying Zou, MD, PHD, FACMG, Johns Hopkins University, Baltimore, MD, USA

**Next Generation Sequencing Changing a Preliminary Diagnosis of Lung Lesion, Case Series**

Tarneem Darwish, MD, Case Western Reserve University, University Hospitals of Cleveland, Cleveland, OH, USA

**Case Study of a Patient with Multiple Vascular Malformations and Three Variants in the TEK Gene**

Fernando Zazueta Leon-Quintero, MD, Washington University in Saint Louis, St. Louis, MO, USA

**CMA Pattern in Recognition of Derived Inversion—a Lesson Learned from a Fetal Demise Potentially Caused by Parental Chromosomal Inversion**

Reza Ghasemi, PhD, Washington University in Saint Louis, St. Louis, MO, USA

**Deceptively Bland: Viral Meningitis Associate with Normal CSF Findings**

Patricia Hernandez, MD, Washington University in Saint Louis, St. Louis, MO, USA

**PROGRAM-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 4**

**7:00 AM – 8:00 AM**

**Case Studies in Hematopathology**

**Location:** Room 122, North Building, Level 100

**CE Credit:** 1

**Path:** Oncology

**Moderators:** *Valentina Nardi, MD, Massachusetts General Hospital, Boston, MA, USA and Amir Behdad, MD, MBA, Northwestern University & Feinberg School of Medicine, Chicago, IL, USA*

**The Dangers of Single Modality Testing in a Case of Undifferentiated Pleomorphic Sarcoma with Low Level Involvement by Chronic Lymphocytic Leukemia/Small Cell Lymphoma**

*Kelly Craven, MD, PhD, Memorial Sloan Kettering Cancer Center, New York, NY, USA*

**AML Relapse After Stem Cell Transplant from a Presumed Carrier of MyD88 Deficiency**

*Cansu Karakas, MD, University of Rochester Medical Center, Rochester, NY, USA*

**Relapsed Post-transplant Acute Myeloid Leukemia with Testicular Involvement and Concurrent Bone Marrow Donor-derived Pathogenic Variants**

*Dorottya Laczko, MD, PhD, Hospital of the University of Pennsylvania, Philadelphia, PA, USA*

**Vexed by VEXAS Syndrome: UBA1 mutation—Agent for Autoinflammatory Marrow Destruction or Driver for Myelodysplasia?**

*Lisa Robinson, MD, University of Nebraska Medical Center, Omaha, NE, USA*

**7:00 AM – 8:00 AM**

**Case Studies in Solid Tumors I**

**Location:** Room 124, North Building, Level 100

**CE Credit:** 1

**Path:** Oncology

**Moderators:** *Lauren Ritterhouse, MD, PhD, Massachusetts General Hospital, Andover, MA, USA and Ying-Chun Lo, MD, PhD, Mayo Clinic, Rochester, MN, USA*

**Incidental IDH2 Variant in Low Grade Glioneuronal Tumor: A Tale of a Hematopoietic Clone**

*Fei Chen, MD, PhD, NYU Langone Health, New York, NY, USA*

**PTCHing Together a Diagnosis: Molecular Resolution of a Challenging Case**

*Amy Guimaraes-Young, MD, PhD, University of Colorado Anschutz Medical Campus, Aurora, CO, USA*

**Molecular Lineage Tracing Reveals Cancer Diagnosis**

*David Basta, MD, PhD, Brigham and Women's Hospital, Boston, MA, USA*

**Novel BRAF Activating Mutation in a Case of Hyalinizing Trabecular Tumor of the Thyroid**

*Christopher Zarbock, MD, University of Minnesota, Minneapolis, MN, USA*

## PROGRAM-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 4

7:00 AM – 8:00 AM

## Case Studies in Solid Tumors II

**Location:** Room 129, North Building, Level 100**CE Credit:** 1**Path:** Oncology**Moderators:** *Sinchita Roy-Chowdhuri, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA and Marjorie David, MD, MS, UTHSCSA, San Antonio, TX, USA***Pelvic Mass with Unique FGFR1-TACC Fusion***Jack Reid, MD, University of California Irvine Medical Center, Orange, CA, USA***SHH-Activated Medulloblastoma With or Without TP53 Mutation? Tumor Heterogeneity Causes a Diagnostic Dilemma with Profound Clinical Implications***Vanessa Smith, MD, Duke University Medical Center, Durham, NC, USA***Homozygous SMARCA4 Deletion in SMARCA4 Deficient Undifferentiated Tumor***Kenneth Ofori, MD, MHS, Columbia University Irving Medical Center, New York, NY, USA***Origin of a Cancer of Unknown Primary Traced to Donor Kidney by Short Tandem Repeat Testing***Bryan Iorgulescu, MD, MPH, MD Anderson Cancer Center, Houston, TX, USA*

8:00 AM – 8:15 AM

## Break

8:15 AM – 9:15 AM

## The Role of Host Genomics and Transcriptomics in Infectious Disease Outcomes

**Location:** North Ballroom, Level 100**CE Credit:** 1**Path:** Infectious Diseases, Inherited Conditions, Molecular Methodologies & Technologies**Moderators:** *Erin H. Graf, Mayo Clinic Arizona, Phoenix, AZ, USA and Rangaraj Selvarangan, PhD, Childrens Mercy Hospital, Kansas City, MO, USA***The Role of the Nasal Epigenome in Infectious Respiratory Disease***Elin Grundberg, PhD, Children's Mercy Kansas City, Kansas City, MO, USA*

9:15 AM – 10:15 AM

## Coffee Break—Visit Expo Hall and View Posters

**Posters:** Even-Numbered Posters Attended.**AMP Central Activities:** AMP DEI Working Group Meet & Greet**Innovation Spotlight Stages:** See schedule on the Mobile App, in the "Expo Information" section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**PROGRAM-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 4**

**10:15 AM – 11:45 AM Diagnostic and Therapeutic Updates of Cancer Predisposition**

**Location:** Room 121, North Building, Level 100

**CE Credit:** 1.5

**Path:** Oncology, Inherited Conditions, Molecular Methodologies & Technologies

**Moderators:** Jianling Ji, MD, MS, Children's Hospital of Los Angeles, Arcadia, CA, USA and Panieh Terraf, PhD, Memorial Sloan Kettering Cancer Center, New York, NY, USA

**Genomic Predictors of Response to PD-1 Inhibition in Children with Germline DNA Replication Repair Deficiency**

Adrian Levine, MD, The Hospital for Sick Children, Toronto, Ontario, Canada

**A Genome-First Approach to Characterize Prevalence, Penetrance, and Phenotype for Pathogenic Variants in DICER1 and Other Tumor-Predisposition Genes**

Douglas R. Stewart, MD, National Cancer Institute, Rockville, MD, USA

**Moving Cancer Genomics into the Clinic: The Genomes for Kids (G4K) Research Study**

Kim E. Nichols, MD, St. Jude Children's Research Hospital, Memphis, TN, USA

**10:15 AM – 11:45 AM Negotiating in a Hostage Situation: Tips to Keep Your Lab Financially Solvent During COVID-19 and the Next Pandemic**

**Location:** Room 122, North Building, Level 100

**CE Credit:** 1.5

**Path:** Lab Management, Infectious Diseases, Career and Leadership Development

**Moderators:** Erin H. Graf, Mayo Clinic Arizona, Phoenix, AZ, USA and Huanyu Wang, PhD, Nationwide Children's Hospital, Columbus, OH, USA

**Negotiating in a Hostage Situation: Tips to Keep Your Lab Financially Solvent During COVID-19 and the Next Pandemic**

Donna Wolk, MHA, PhD, Geisinger, Danville, PA, USA and Matt Charles, MPH, Northshore University HealthSystem, Chicago, IL, USA

**10:15 AM – 11:45 AM Standardization of Bioinformatics Pipelines and Gene Product Nomenclature**

**Location:** Room 124, North Building, Level 100

**CE Credit:** 1.5

**Path:** Oncology, Infectious Diseases, Informatics, Inherited Conditions, Molecular Methodologies & Technologies

**Moderators:** Barbara A. Anderson, MS, MB(ASCP)CM, Duke University Health Systems, Durham, NC, USA and Valerie McMurtry, MD, PhD, University of Utah, ARUP Laboratories, Salt Lake City, UT, USA

**Standardization of Gene Product Nomenclature for Variant Reporting and Collaborative Databases**

Shuji Ogino, MD, PhD, MS, Dept. of Pathology, Brigham & Women's Hospital, Boston, MA, USA

**Gene Product Nomenclature: Advances in Standardization**

Alex H. Wagner, PhD, Nationwide Children's Hospital, Dublin, OH, USA

**Using Variant Nomenclature to Communicate Genetic Results**

Laura K. Conlin, PhD, Children's Hospital of Philadelphia, University of Pennsylvania, Philadelphia, PA, USA

## PROGRAM-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 4

**10:15 AM – 11:45 AM**      **Using Proficiency Testing Data to Improve Performance of your Molecular Laboratory: Perspectives from Members of the College of American Pathologists Molecular Oncology Committee**

**Location:** Room 129, North Building, Level 100

**Credit:** 1.5

**Path:** Lab Management

**Moderators:** *Sinchita Roy-Chowdhuri, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA and Mariam Mathew, PhD, Nationwide Children's Hospital, Columbus, OH, USA*

**Panel Discussion**

*Ian S. Hagemann, MD, PhD, Washington Univ School of Medicine, St. Louis, MO, USA; Valentina Nardi, MD, Massachusetts General Hospital, Boston, MA, USA; Nikoletta Sidiropoulos, Doctor of Medicine, University of Vermont Medical Center, Burlington, VT, USA; Joel Moncur, MD, PhD, The Joint Pathology Center, Silver Spring, MD, USA*

**11:45 AM – 1:15 PM**      **General Lunch—Visit Expo Hall and View Posters**

**Lunches:** General Lunches are in the Expo Hall. Networking Lunches, please see the descriptions/schedule in the "Highlights & General Information" section of the Program Book, Pages 22 – 23.

**Innovation Spotlight Stages:** See schedule on the Mobile App, in the "Expo Information" section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**1:15 PM – 2:45 PM**      **Automated Classification of Solid Tumor and Hematologic Malignancies Using Artificial Intelligence**

**Location:** Room 121, North Building, Level 100

**CE Credit:** 1.5

**Path:** Oncology, Informatics

**Moderators:** *Nathan Montgomery, UNC School of Medicine, Chapel Hill, NC, USA and Lauren Ritterhouse, MD, PhD, Massachusetts General Hospital, Andover, MA, USA*

**Automated Disease Classification Using Whole Genome Sequencing (WGS) and Whole Transcriptome Sequencing (WTS) Data with Transparent Artificial Intelligence (AI)**

*Torsten Haferlach, MD, Munich Leukemia Laboratory, Munich, Germany*

**Digital Pathology-based AI for Classification of Solid Tumors**

*Faisal Mahmood, PhD, Harvard Medical School, Boston, MA, USA*

**PROGRAM-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 4**

**1:15 PM – 2:45 PM**

**Efforts toward a Diverse and Inclusive Human Genome Reference**

**Location:** Room 122, North Building, Level 100

**CE Credit:** 1.5

**Path:** Oncology, Informatics, Inherited Conditions

**Moderators:** Annette Leon, PhD, MS, FACMG, SEMA4, Port Charlotte, FL, USA and Emilia Calvaresi, MD, PhD, Cleveland Clinic, Cleveland, OH, USA

**Efforts Toward a Diverse and Inclusive Human Genome Reference**

Ting Wang, PhD, Washington University, St. Louis, MO, USA

**Efforts Toward a Diverse and Inclusive Human Genome Reference**

Eimear Kenny, PhD, Institute for Genomic Health/Icahn School of Medicine at Mount Sinai, New York, NY, USA

**1:15 PM – 2:45 PM**

**Implementation of Pharmacogenomics: A New Frontier in Patient Care**

**Location:** Room 124, North Building, Level 100

**CE Credit:** 1.5

**Path:** Lab Management, Informatics, Inherited Conditions, Molecular Methodologies & Technologies

**Moderators:** Ashley E. Shean, MS, Palmetto GBA, Virginia Beach, VA, USA and Yulong Fu, PhD, University of Alabama at Birmingham, AL, USA

**Implementation of Pharmacogenomics: A New Frontier in Patient Care**

Victoria M. Pratt, PhD, Optum Genomics, Zionsville, IN, USA

**1:15 PM – 2:45 PM**

**Use of New Technologies: Towards Clinical Applications**

**Location:** Room 129, North Building, Level 100

**CE Credit:** 1.5

**Path:** Informatics, Inherited Conditions, Molecular Methodologies & Technologies

**Moderators:** Pinar Bayrak-Toydemir, MD, PhD, FACMG, University of Utah, ARUP Laboratories, Salt Lake City, UT, USA and Sherin Shaaban, MD, PhD, University of Utah, Salt Lake City, UT, USA

**Genomic Answers for Children: Dynamic Analyses of >1000 Pediatric Rare Disease Genomes**

Tomi Pastinen, MD, PhD, Genomic Medicine Center, Children's Mercy Kansas City, Kansas City, MO, USA

**Assessing the Utility of RNA Sequencing in the Diagnosis of Rare Mendelian Diseases**

Stephen B. Montgomery, PhD, Stanford University, Stanford, CA, USA

**Clinical Applications of Long-Read Genome Sequencing**

Danny Miller, MD, PhD, University of Washington, Seattle, WA, USA

## PROGRAM-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 4

**1:30 PM – 2:45 PM****Special Session: Re-Envisioning Reimbursement and Coverage for Today's Infectious Disease Molecular Diagnostics****Location:** Room, 127, North Building, Level 100**CE Credit:** NOT CME**Path:** Advocacy**Please see the Mobile App for Moderator and Speaker Information****2:45 PM – 3:45 PM****Coffee Break—Visit Expo Hall and View Posters****AMP Central Activities:** Membership Affairs Committee Meet & Greet**Innovation Spotlight Stages:** See schedule on the Mobile App, in the "Expo Information" section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.**3:45 PM – 5:15 PM****Next Generation Cytogenomics****Location:** North Ballroom, Level 100**CE Credit:** 1.5**Path:** Oncology, Molecular Methodologies & Technologies**Moderators:** *Valentina Nardi, MD, Massachusetts General Hospital, Boston, MA, USA and Nathan Montgomery, UNC School of Medicine, Chapel Hill, NC, USA***Whole Genome Sequencing for Next Generation Cytogenetics***Eric Duncavage, MD, Washington University School of Medicine in St. Louis, St Louis, MO, USA***Implementation of Optical Genome Mapping for Hematologic Malignancies in the Clinical Cytogenetics Laboratory***Adam Smith, MSc, PhD, FCCMG, FACMG, erCLG, University Health Network, Toronto, Ontario, Canada***Next Generation Cytogenomics Panel Discussion***Eric Duncavage, MD, Washington University School of Medicine in St. Louis, St Louis, MO, USA; Adam Smith, MSc, PhD, FCCMG, FACMG, erCLG, University Health Network, Toronto, Ontario, Canada; Yasmine Akkari, PhD, Nationwide Children's Hospital, Portland, OR, USA; Robert Hasserjian, MD, Massachusetts General Hospital, Boston, MA, USA***5:15 PM – 5:30 PM****Break****5:30 PM – 6:30 PM****Business Meeting and Awards Session****Location:** Room 121, North Building, Level 100**7:00 PM – 10:30 PM****Amazing Molecular Party (Separate Registration)****Location:** Sheraton, Valley of the Sun Ballroom

PROGRAM-AT-A-GLANCE LISTING

SATURDAY, NOVEMBER 5, 2022

For the most up to date session information and full session descriptions and objectives please visit the AMP 2022 mobile app.

**7:30 AM – 2:00 PM** Attendee, Speaker, and Exhibitor Registration and Check-In

**Location:** Expo Hall Foyer, Lower Level

**9:00 AM – 1:30 PM** Expo Hall Open

**Location:** Expo Hall, Lower Level

**12:30 PM – 1:30 PM** Poster Removal

**Location:** Expo Hall, Lower Level

**8:15 AM – 9:15 AM** Revealing the Unknown Regions of Genome

**Location:** North Ballroom, Level 100

**CE Credit:** 1

**Path:** Informatics, Inherited Conditions, Molecular Methodologies & Technologies

**Moderators:** Pinar Bayrak-Toydemir, MD, PhD, FACMG, University of Utah, ARUP Laboratories, Salt Lake City, UT, USA and Jianling Ji, MD, MS, Children’s Hospital of Los Angeles, Arcadia, CA, USA

**Revealing the Unknown Regions of Genome**

Evan Eichler, PhD, University of Washington & HHMI, Seattle, WA, USA

**9:15 AM – 10:15 AM** Coffee Break—Visit Expo Hall and View Posters

**Posters:** Odd-Numbered Posters Attended

**AMP Central Activities:** Meet the JMD editor(s)

## PROGRAM-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 5

**10:15 AM – 11:45 AM      A Dive into NGS Test Development and Bioinformatics Pipelines****Location:** Room 121, North Building, Level 100**CE Credit:** 1.5**Path:** Oncology, Informatics, Inherited Conditions**Moderators:** Mark Routbort, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA and Parth Shah, MD, Dartmouth Hitchcock Medical Center, Lebanon, NH, USA**NGS Test Development***Birgit Funke, PhD, Icahn School of Medicine at Mount Sinai, Newton, MA, USA***The Bioinformatics Pipeline: Principles and Practice Recommendations***Dan Jones, MD, PhD, The Ohio State University, Columbus, OH, USA***10:15 AM – 11:45 AM      Classification Updates in Myeloid Malignancies: Comparing the World Health Organization and International Consensus Classifications****Location:** Room 124, North Building, Level 100**CE Credit:** 1.5**Path:** Oncology**Moderators:** Valentina Nardi, MD, Massachusetts General Hospital, Boston, MA, USA and Pawel Mroz, MD, PhD, University of Minnesota, Minneapolis, MN, USA**The World Health Organization Classification of Myeloid Malignancies: Updates in the 5th Edition***Joseph Khoury, MD, University of Nebraska, Omaha, NE, USA***The International Consensus Classification of Myeloid Malignancies: Points of Divergence from the WHO***Robert Hasserjian, MD, Massachusetts General Hospital, Boston, MA, USA***10:15 AM – 11:45 AM      Microbiome in Health and Disease****Location:** Room 122, North Building, Level 100**CE Credit:** 1.5**Path:** Advocacy, Infectious Diseases**Moderators:** Rangaraj Selvarangan, PhD, Childrens Mercy Hospital, Kansas City, MO, USA and Priya Velu, MD, PhD, Weill Cornell Medical College, New York, NY, USA**Metagenomic Medicine and the Human Microbiome***James Versalovic, MD, PhD, Baylor College of Medicine / Texas Children's Hospital, Houston, TX, USA***Microbiome in Health and Disease***Michael Woodworth, MD MSc, Emory University School of Medicine, Cape Elizabeth, ME, USA***Microbiome in Health and Disease***Xin V. Li, PhD, Weill Cornell Medicine, New York, NY, USA*

**PROGRAM-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 5**

**10:15 AM – 11:45 AM**      **Molecular Updates: The 2021 WHO Classification of Tumors of the Central Nervous System**

**Location:** Room 129, North Building, Level 100

**CE Credit:** 1.5

**Path:** Oncology

**Moderators:** *Sinchita Roy Chowdhuri, University of Texas MD Anderson Cancer Center, Houston, TX, USA and Bryan Iorgulescu, MD, MD Anderson Cancer Center, Houston, TX, USA*

**Molecular Updates: The 2021 WHO Classification of Tumors of the Central Nervous System**

*Kenneth Aldape, MD, National Cancer Institute, Bethesda, MD, USA*

**11:45 AM – 1:15 PM**      **Exhibitor Appreciation Lunch—Visit Expo Hall and View Posters**

**Lunches:** Exhibitor Appreciation Lunch is in the Expo Hall. Networking Lunches, please see the descriptions/schedule in the “Highlights & General Information” section of the Program Book, Pages 22 – 23.

**1:15 PM – 2:15 PM**      **AMP Working Group: Guidelines for Validation of Next-Generation Sequencing Panels with Gene Fusion and Splice Variant Detection**

**Location:** Room 121, North Building, Level 100

**CE Credit:** 1

**Path:** Oncology

**AMP Working Group: Guidelines for Validation of Next-generation Sequencing Panels with Gene Fusion and Splice Variant Detection**

*Laura Tafe, MD, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA; Alanna J. Church, MD, Boston Children’s Hospital, Boston, MA, USA*

## PROGRAM-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 5

1:15 PM – 2:15 PM

## Platform Presentations of Selected Infectious Diseases Abstracts

**Location:** Room 122, North Building, Level 100**CE Credit:** 1**Path:** Infectious Diseases**Moderators:** Erin H. Graf, Mayo Clinic Arizona, Phoenix, AZ, USA and Rangaraj Selvarangan, PhD, Childrens Mercy Hospital, Kansas City, MO, USA**ID001—Clinical Evaluation of the Accelerate Arc™ Module and BC Kit for Isolation of Microorganisms from Positive Blood Culture Broths and Suitability for MALDI-TOF Analysis***Blake Buchan, PhD, The Medical College of Wisconsin, Children's Wisconsin, Brookfield, WI, USA***ID014—Balancing Act in the Face of Variants: Testing Strategies to Minimize Infections and Maximize In-Person Learning in Schools***Judd Walson, Walson Consulting LLC, Seattle, WA, USA***ID016—SARS-CoV-2 Variant Identification in Long Term Viral Shedding and Re-Infection Cases at a Tertiary Cancer Center***Krupa Jani, MS, ASCP(iMB), Memorial Sloan Kettering Cancer Center, Jersey City, NJ, USA***ID048—Detection and Quantification of EBV Transcript in Whole Blood, Plasma and Paraffin Embedded Tissue Samples from Organ Transplant Recipients with Post-transplant Lymphoproliferative Disorder (PTLD)***Ryan Martinez, MD, PHD, University of Minnesota, Minneapolis, MN, USA*

1:15 PM – 2:15 PM

## Platform Presentations of Selected Solid Tumors Abstracts

**Location:** Room 124, North Building, Level 100**CE Credit:** 1**Path:** Oncology**Moderators:** Lauren Ritterhouse, MD, PhD, Massachusetts General Hospital, Andover, MA, USA and Ekaterina Bogdanova, MD, PhD, Mount Sinai School of Medicine, New York, NY, USA**ST052—The Clinical Utility of DNA Methylation Profiling in Pediatric CNS Tumors: Comparison of Methylation Classification and Integrated Diagnosis in a Cohort of 184 Pediatric CNS Tumors***Luca Pagliaroli, Children's Hospital of Philadelphia, Philadelphia, USA***ST077—Assessing Variability Across HRD Assays: Findings from the Friends' HRD Harmonization Project***Hillary Stires, PhD, Friends of Cancer Research, Washington, DC, USA***ST081—Rescuing Low Tumor Cell Content Carcinoma Samples from Formalin-Fixed Paraffin-Embedded Biopsies for Clinical Next-Generation Sequencing by Dielectrophoretic (DEP) Array Sorting***Matija Snuderl, MD, NYU Langone Health, New York, NY, USA***ST084—Reversal of Idh-Dependent Global Hypermethylation and Enrichment of TP53 and TERT Mutations Distinguish Dedifferentiated Chondrosarcoma from Conventional Chondrosarcoma on Integrated Genomic Profiling***Josephine K. Dermawan, MD, PhD, Memorial Sloan Kettering Cancer Center, Mentor, OH, USA*

**PROGRAM-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 5**

**1:15 PM – 2:15 PM**

**Platform Presentations of Selected Technical Topics Abstracts**

**Location:** Room 129, North Building, Level 100

**CE Credit:** 1

**Path:** Molecular Methodologies & Technologies

**Moderators:** *Yasmine Akkari, PhD, Nationwide Children's Hospital, Portland, OR, USA and Erica Vormittag-Nocito, MD, Northwestern Medicine, Chicago, IL, USA*

**TT002—Gene-Specific Validation of Copy Number Gains from a Massively Parallel Sequencing Assay**

*James Corines, DO, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, NY, USA*

**TT004—Treatment with DNA Repair Enzyme Removes NGS Variant Call Artifacts in Archival FFPE Tissues**

*Lisa M. Haley, MS, MB ASCP(CM), Johns Hopkins, Forest Hill, MD, USA*

**TT006—Neurodegenerative Disease Differences in Luminex and Lumipulse ATN Categories**

*Lavanya Jain, PhD, Cleveland Clinic Foundation, Cleveland, OH, USA*

**TT008—Are We Using the Right Tools to Calculate Homologous Recombination Deficiency (HRD) Scores?**

*Nikhil Sahajpal, PhD, Augusta University, Augusta, USA*

**2:15 PM – 2:30 PM**

**Break**

**2:30 PM – 4:00 PM**

**Classification Updates in Lymphoid Malignancies: Comparing the World Health Organization and International Consensus Classifications**

**Location:** Room 124, North Building, Level 100

**CE Credit:** 1.5

**Path:** Oncology

**Moderators:** *Nathan Montgomery, UNC School of Medicine, Chapel Hill, NC, USA and Rena Xian, MD, Johns Hopkins Medical Institutions, Baltimore, MD, USA*

**The World Health Organization Classification of Lymphoid Malignancies: Updates in the 5th Edition**

*Daphne de Jong, MD, PhD, Amsterdam UMC, Haarlem, Noord-Holland, Netherlands*

**The International Consensus Classification of Lymphoid Malignancies: Highlights and Key Developments**

*James R. Cook, MD, PhD, Cleveland Clinic, Cleveland, OH, USA*

## PROGRAM-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 5

2:30 PM – 4:00 PM

**Lessons Learned from AMP's Variant Interpretation Challenges (VITAL Inherited & VITAL Somatic)****Location:** Room 129, North Building, Level 100**CE Credit:** 1.5**Path:** Inherited Conditions, Oncology**VITAL Inherited Overview***Madhuri Hegde, PhD, Emory University School of Medicine, Lilburn, GA, USA***VITAL Somatic Overview***Marilyn Li, MD, Children's Hospital of Philadelphia, Philadelphia, PA, USA*

2:30 PM – 4:00 PM

**Multi-Cancer Early Detection****Location:** Room 121, North Building, Level 100**CE Credit:** NOT CME**Path:** Oncology, Molecular Methodologies & Technologies**Moderators:** *Lauren Ritterhouse, MD, PhD, Massachusetts General Hospital, Andover, MA, USA and Ju-Yoon Yoon, MD, PhD, University of Toronto, Toronto, Ontario, Canada***Multi-Cancer Early Detection Through Multiple Analyte Liquid Biopsy Testing***Frank Diehl, PhD, Exact Sciences, Cambridge, MA, USA***Multi-Cancer Early Detection***Daniel Duncan, MD, GRAIL, Chapel Hill, NC, USA***Genome-Wide cfDNA Fragmentation in Patients with Cancer**

TBD

**PROGRAM-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 5**

**2:30 PM – 4:00 PM**

**Recommendations for the Use of In Silico Approaches for Next Generation Sequencing Bioinformatic Pipeline Validation: A Joint Report of the Association for Molecular Pathology, Association for Pathology Informatics, and College of American Pathologists**

**Location:** Room 122, North Building, Level 100

**CE Credit:** 1.5

**Path:** Oncology, Informatics, Inherited Conditions

**Moderators:** *Annette Leon, PhD, MS, FACMG, SEMA4, Port Charlotte, FL, USA and Adrian Levine, MD, Hospital for Sick Children, Washington, DC, USA*

**Recommendations for the Use of In Silico Approaches for Next Generation Sequencing Bioinformatic Pipeline Validation: A Joint Report of the Association for Molecular Pathology, Association for Pathology Informatics, and College of American Pathologists**

*Justin M. Zook, PhD, NIST, Gaithersburg, MD, USA; Eric Duncavage, MD, Washington University School of Medicine in St. Louis, St Louis, MO, USA*

**4:00 PM – 4:15 PM**

**Break**

**4:15 PM – 5:15 PM**

**Completing the Human Genome Sequence**

**Location:** North Ballroom, Level 100

**CE Credit:** 1

**Path:** Oncology, Informatics, Inherited Conditions

**Moderators:** *Annette Leon, PhD, MS, FACMG, SEMA4, Port Charlotte, FL, USA and Mark Routbort, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA*

**Completing the Human Genome Sequence**

*Karen H. Miga, PhD, University of California, Santa Cruz, Santa Cruz, CA, USA*

**5:15 PM – 5:30 PM**

**Closing Remarks**

**Location:** North Ballroom, Level 100

**Closing Remarks**

*Nirali Patel, MD, Tempus Labs, Durham, NC, USA; Yasmine Akkari, PhD, Nationwide Children's Hospital, Portland, OR, USA*



## 2022 Corporate Partners

AMP thanks our 2022 Corporate Partners for their generous support!

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### Diamond Partner



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### Platinum Partner



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### Gold Partners



ONCOLOGY



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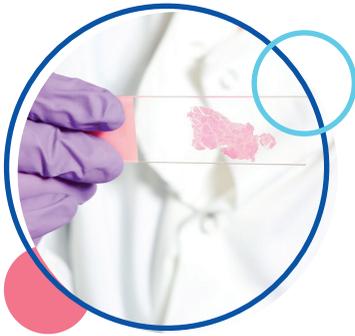
### Silver Partners



SOLID TUMOR NGS

# Precision medicine solutions

Two options for send-out NGS profiling with clinically annotated reports, highlighting FDA-approved therapies, professional guidelines and clinical trials.



## Tissue biopsy

### OmniSeq INSIGHT<sup>®</sup>

From a single tumor biopsy, identifies all treatment options in a comprehensive, easy-to-read report

- 523 gene DNA and RNA sequencing panel
- Includes MSI, TMB and PD-L1
- Includes immune profiling of the tumor microenvironment



## Blood/liquid biopsy

Introducing

### PGDx Plasma Focus<sup>™</sup>

A multi-solid tumor, NGS-based liquid biopsy test with efficient reporting

- Detects SNVs and indels in 33 actionable genes
- Includes amplifications in 8 genes, fusions in 5 genes, and MSI
- 7 solid tumor indications

Visit PGDx booth #1102 to learn more.

# EXPO HALL

## GENERAL INFORMATION

### EXPLORE THE EXPO HALL

The **AMP Expo Hall** is a cornerstone of the AMP Annual Meeting, presenting attendees with the opportunity to learn about the latest technology, innovation, and patient care improvements. When planning your time at the AMP 2022 Meeting & Expo, be sure to check out all that our expo hall has to offer! Our international exhibitors are marked with  next to their name.

### MEET THE AMP 2022 EXHIBITORS

Explore the AMP Expo Hall and meet nearly 200 exhibiting companies! Take a few moments to peruse the list of exhibitors found on page 68. You can also read about this year's exhibitors in the meeting program on page 71 or the Mobile App.

### AMP 2022 WELCOME RECEPTION IN THE EXPO HALL

Join us for the Welcome Reception in the AMP Expo Hall on Thursday 6:00 PM – 7:00 PM. This event is open to all AMP registrants and exhibitors.

### PREVIEW THE ABSTRACTS & PLAN YOUR POSTER VIEWING

Check out the scientific posters which are sure to educate you on the latest and most innovative developments in the field! Refer to the Expo Hall Map on page 65 for poster locations.

**NEW this year!** You can also preview the ePosters within the Mobile App.

### INNOVATION SPOTLIGHT STAGE

The Innovation Spotlight Stages 1 & 2, located centrally in the Expo Hall are a great opportunity to check out AMP exhibiting companies presenting leading edge products, services, or emerging innovation through “Ted-Talk like” presentations right on the show floor. In addition, attendees can catch AMP led presentations including “Meet the Authors”. Innovation Spotlights are open to all meeting registrants and seating will be on a first come, first served basis.

### AMP CENTRAL

AMP's booth in the Expo Hall is the perfect place for AMP members looking to network and attendees who are interested in learning more about all of what AMP does throughout the year.

**GENERAL INFORMATION**

**GENERAL LUNCHESES**

Lunches will be served in the Expo Hall, giving you an opportunity to explore, learn about new products and continue building on relationships you have made earlier in the meeting.

**NETWORKING CORNER/SPEED NETWORKING**

*Sponsored by the Membership Affairs Committee*

AMP is a great place to meet, share ideas, and explore new opportunities. Join us at the Networking Corner to build new connections and network with the AMP community. You might find a new boss, collaborator, employee, troubleshooter, mentor, scientist, enthusiast, inspiration, advocate, motivator, travel guide in a new city, admirer, colleague, or just a new friend. During lunch on Friday (12:15 PM – 1:15 PM) and Saturday (12:15 PM – 1:15 PM), this space will feature speed networking sessions. Speed networking is simply a format to encourage greater interaction. The key is to come, start a conversation, then connect and follow up after. All you need to bring is your business cards and a willingness to meet someone new.

**HEADSHOT STATION**

*Sponsored by Asuragen, a Bio-Techne Brand*

AMP up your professional profile with a **free** headshot, sponsored by Asuragen, a Bio-Techne Brand. This popular activity will be available in the back right of the Expo Hall, near the Networking Corner on Thursday and Friday (November 3 – 4). Please note space is limited, so make sure you plan ahead to stop by the Headshot Station.

# CONVENTION CENTER

## EXPO HOURS & DATES

### THURSDAY, NOVEMBER 3 (12:00 PM – 7:00 PM)

**12:30 PM – 2:00 PM**      **General Lunch—Visit Expo Hall and View Posters**

**Lunches:** General Lunches are in the Expo Hall. Networking Lunches, please see the descriptions/schedule in the “Highlights & General Information” section of the Program Book, Pages 22 – 23.

**AMP Central Activities:** Subdivision Meet & Greet

**Innovation Spotlight Stages:** See schedule on the Mobile App, in the “Expo Information” section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**3:00 PM – 4:30 PM**      **Coffee Break—Visit Expo Hall, AMP Central (Schedule) and View Posters**

**AMP Central Activities:** Advocacy Meet & Greet

**Innovation Spotlight Stages:** See schedule on the Mobile App, in the “Expo Information” section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**6:00 PM – 7:00 PM**      **Welcome Reception in the Expo Hall**

**AMP Central Activities:** Welcome Reception Tweet Up!

### FRIDAY, NOVEMBER 4 (9:00 AM – 4:00 PM)

**9:15 AM – 10:15 AM**      **Coffee Break**

**AMP Central Activities:** AMP DEI Working Group Meet & Greet

**Innovation Spotlight Stages:** See schedule on the Mobile App, in the “Expo Information” section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**11:45 AM – 1:15 PM**      **General Lunch—Visit Expo Hall and View Posters**

**Lunches:** General Lunches are in the Expo Hall. Networking Lunches, please see the descriptions/schedule in the “Highlights & General Information” section of the Program Book, Pages 22 – 23.

**Innovation Spotlight Stages:** See schedule on the Mobile App, in the “Expo Information” section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**CONVENTION CENTER EXPO HOURS & DATES**

**2:45 PM – 3:45 PM**      **Coffee Break—Visit Expo Hall, AMP Central (Schedule) and View Posters**

**AMP Central Activities:** Membership Affairs Committee Meet & Greet

**Innovation Spotlight Stages:** See schedule on the Mobile App, in the “Expo Information” section of the Program Book (Pages 66 – 67), or by each stage located in the Expo Hall.

**SATURDAY, NOVEMBER 5 (9:00 AM – 1:30 PM)**

**9:15 AM – 10:15 AM**      **Coffee Break**

**AMP Central Activities:** Meet the *JMD* editor(s)

**11:45 AM – 1:15 PM**      **Exhibitor Appreciation Lunch—Network with Exhibitors, Visit Expo Hall and View Posters**

**Lunches:** Exhibitor Appreciation Lunch is in the Expo Hall. Networking Lunches, please see the descriptions/schedule in the “Highlights & General Information” section of the Program Book, Pages 22 – 23.

# PHOENIX CONVENTION CENTER FLOORPLAN



# INNOVATION SPOTLIGHT STAGES SCHEDULE

THURSDAY, NOVEMBER 3, 2022

	STAGE 1	STAGE 2
12:40 PM – 1:10 PM	<p><b>Leveraging Combined Patient and ‘Omic Data to Catalyze Precision Medicine</b> <i>Hosted by: Pierian</i></p>	<p><b>The Changing Landscape of the Role of the Technologist</b> <i>Hosted by: AMP’s Training &amp; Education Committee</i></p>
1:20 PM – 1:50 PM	<p><b>What’s Next in Clinical Practice?: Open Forum with the AMP Clinical Practice Committee</b> <i>Hosted by: AMP’s Clinical Practice Committee</i></p>	<p><b>Who Says You Can’t Have It All: Rapid Comprehensive Molecular Profiling of Hematological Malignancies</b> <i>Hosted by: Agilent Technologies</i></p>
3:10 PM – 3:40 PM	<p><b>Patient Identification for Fusion Biomarker-Driven Therapies Using NGS Testing</b> <i>Hosted by: Illumina</i></p>	<p><b>Dynamic Tools and Reagents to Overcome Challenges in Real-time Viral Detection and Surveillance</b> <i>Hosted by: New England Biolabs</i></p>
3:50 PM – 4:20 PM	<p><b>In Search Of: Oncologist-friendly Biomarker Reports</b> <i>Hosted by: AMP’s Clinical Practice Committee</i></p>	<p><b>Expand Digital PCR Multiplexing by Combining ChromaCode’s High Definition PCR (HDPCR™) Technology with the QuantStudio Absolute Q dPCR System from Thermo Fisher Scientific</b> <i>Hosted by: Thermo Fisher Scientific</i></p>

**INNOVATION SPOTLIGHT STAGES SCHEDULE**
**FRIDAY, NOVEMBER 4, 2022**

	STAGE 1	STAGE 2
9:30 AM – 10:00 AM	<b>MammaPrint NGS: A Decentralized Risk of Recurrence Test for Early-Stage Breast Cancer</b> <i>Hosted by: Agendia</i>	<b>Hot off the Press! New Training &amp; Education Resources</b> <i>Hosted by: AMP's Training &amp; Education Committee</i>
11:55 AM – 12:25 PM	<b>Meet the AMP PARP HRD Working Group</b> <i>Hosted by: AMP's Clinical Practice Committee</i>	<b>Sensitivity Meets Speed: Improved Gene Detection From Low Input and FFPE RNA Utilizing a Rapid NGS Library Prep Workflow</b> <i>Hosted by: Watchmaker Genomics</i>
12:35 PM – 1:05 PM	<b>Meet the AMP Electronic Health Record (EHR) Interoperability for Clinical Genomics Data Working Group</b> <i>Hosted by: AMP's Clinical Practice Committee</i>	<b>Clinical Interpretation of TSO500: AMP Guidelines-Driven Comprehensive Variant Analysis with VarSeq</b> <i>Hosted by: Golden Helix</i>
3:00 PM – 3:30 PM	<b>Meet the AMP Pharmacogenomics Working Group</b> <i>Hosted by: AMP's Clinical Practice Committee</i>	<b>Emerging Solutions for Non-Invasive Cancer Monitoring</b> <i>Hosted by: NuProbe</i>

# EXPO HALL HOURS

## THURSDAY, NOVEMBER 3 (12:00 PM – 7:00 PM)

6:00 PM – 7:00 PM Welcome Reception in the Expo Hall

## FRIDAY, NOVEMBER 4 (9:00 AM – 4:00 PM)

4:00 PM – 5:00 PM \*Appointment Only Demos

## SATURDAY, NOVEMBER 5 (9:00 AM – 1:30 PM)

8:00 AM – 9:00 AM \*Appointment Only Demos

11:45 AM – 1:15 PM Exhibitor Appreciation Lunch

# EXHIBITOR LISTING

## IN ALPHABETICAL ORDER

\$Intelligent SolutionsDX	1009	Argonaut Manufacturing Services	1038
AbbVie	1242	Arima Genomics	1539
AccuGenomics, Inc.	1731	<b>AstraZeneca*</b>	1131
Adaptive Biotechnologies Corp.	1403	<b>Asuragen, a Bio-Techne Brand*</b>	1413
Advanced Data Systems Corporation	1003	ATCC	920
<b>Agena Bioscience*</b>	713	Avantor	1722
Agendia, Inc.	721	Azer Scientific	1720
<b>Agilent Technologies*</b>	1300	Bangs Laboratories	1423
altona Diagnostics USA, Inc.	1240	Beckman Coulter Life Sciences	621
American Proficiency Institute	629	Bio Molecular Systems 	609
Amoy Diagnostics Co., Ltd. 	1238	Biocartis	1700
Anchor Molecular	1820	BioDot	1008
Anpac Biomedical Technology Co., Ltd.	1338	Biofidelity	813
Applied BioCode, Inc.	1713	BioFluidica	903
Applied Spectral Imaging	1108	BioID Genomics, Inc.	1830
Apto-Gen, Inc.	1042	BIOLYPH	1701

\*Corporate Partner

 International Exhibitor

## EXHIBITOR LISTING

Bionano Genomics	1527	<b>Genentech*</b>	1126
Bioneer, Inc.	1401	Genes2Me Private Limited 	1638
<b>Bio-Rad Laboratories, Inc.*</b>	1231	Genetic Tools, LLC	1040
BioView USA, Inc.	1621	GenomeWeb	1500
Blueprint Medicines	1421	Genomic Testing Cooperative	1642
BostonGene	943	GenPath Diagnostics, BioReference	732
<b>Bristol Myers Squibb*</b>	1739	Gilead	615
Canopy Biosciences	1709	Golden Helix	1432
Cantata Bio, LLC	1014	GoPath Diagnostics	706
careviso, Inc.	1440	GT Molecular	1341
Caris Life Sciences	700	Hamilton Company	900
<b>Cepheid*</b>	1130	Haystack Oncology	1723
ChromaCode	1010	<b>Hologic*</b>	1109
Cirrus Dx, inc.	911	Hopkins Medtech Compliance	1612
Clinical Lab Products	1239	HudsonAlpha Institute for Biotechnology	613
Codexis, Inc.	941	<b>illumina*</b>	829
Co-Diagnostics, Inc.	712	Imagia Canexia Health 	727
College of American Pathologists	1139	Immunexpress	738
College of American Pathologists Periodicals	904	Indigo BioAutomation	607
Copan Diagnostics, Inc.	1806	Inside Precision Medicine	1530
Coriell Institute for Medical Research	1541	Integrated DNA Technologies	1140
Coyote Bioscience 	1441	Invivoscribe	931
Cytovale	627	iProcess Global Research Inc	843
DevLab Bio	1409	LabTurbo Biotech	1509
Devyser 	730	LabWare, Inc.	1804
DiaCarta	908	LGC Clinical Diagnostics	925
Diagenode	1002	LGC, Biosearch Technologies	1339
DiaSorin Molecular	1141	LRE Medical GmbH 	726
DNA Script 	1138	MagBio Genomics, Inc.	1024
Element Biosciences	1515	Maine Molecular Quality Controls, Inc.	1511
<b>Eli Lilly and Company*</b>	1001	Medical Laboratory Observer	1029
ELITechGroup Molecular Diagnostics	1543	Medix Biochemica USA, Inc.	1513
Elsevier	1623	Medschenker	1721
EntroGen	922	Menarini Silicon Biosystems	1039
Envoke 	1832	Merck & Co., Inc.	1501
EpigenDx, Inc.	611	Meridian BioScience, Inc.	1128
Fabric Genomics	821	MetaSystems Group, Inc.	1006
Fidelis Research 	1508	Michigan Medicine Laboratories	1000
Formulatrix	1728	MilliporeSigma	633
Gencove	907	Miltenyi Biotec Inc.	1531

\*Corporate Partner

 International Exhibitor

EXHIBITOR LISTING

Miroculus	1522	ResearchDx	1800
MiRXES Corporation	939	Rheonix, Inc.	1429
Mission Bio	826	Rhinostics, Inc.	901
Molecular Loop Biosciences	631	<b>Roche*</b>	1101
Morphle Labs Inc.	1331	Sampled	1729
MRC Holland 	1005	SCHOTT MINIFAB	605
NanoString Technologies	1521	Seagen, Inc.	1333
Natech Plastics	811	Seegene Technologies	1603
NeoGenomics Laboratories	1428	Singular Genomics	1502
New England Biolabs	1629	SMC Corporation of America	912
<b>Novartis*</b>	1327	SoftGenetics, LLC	1021
nRichDx	1627	<b>SOPHiA GENETICS*</b>	1120
NuProbe	1405	Spectrum Solutions	1540
NZYTech 	1812	STEMCELL Technologies, Inc. 	1733
OGT	1439	Stilla Technologies 	1630
Omega Bio-tek	639	Streck	913
Opentrons Labworks	923	Sysmex Inostics Inc.	701
Orchard Software Corporation	1426	SYSTAAQ Diagnostic Products	1538
Osang	1814	<b>Takeda*</b>	1321
Ovation	1727	Tecan 	1027
Oxford Nanopore Technologies Ltd. 	1506	Tempus	1110
Paragon Genomics, Inc.	905	The Jackson Laboratory	940
PathAI	1526	The Pathologist	1707
PathGroup	841	<b>Thermo Fisher Scientific*</b>	1308
PCR Biosystems	914	Torus Biosystems, Inc.	942
PerkinElmer	801	Truckee Applied Genomics, Inc.	828
Personal Genome Diagnostics	1102	Twist Bioscience	1015
Phase Genomics	1524	Ubiquitome Ltd. 	1610
<b>Pierian*</b>	823	UgenTec, Inc.	815
Pillar Biosciences, Inc.	839	Vela Diagnostics	728
PreAnalytiX 	1528	Veracyte, Inc.	921
Precipio	909	Watchmaker Genomics	1033
Precision System Science	1626	XIFIN, Inc.	1013
PRL (Pandemic Response Lab)	601	Xyall BV 	1031
Pro-Lab Diagnostics	1004	Yale School of Public Health	1601
Promega Corporation	1613	Yourgene Health 	1628
Purigen Biosystems, Inc.	1425	YouSeq Ltd 	1433
Puritan Medical Products Co.	1532	ZeptoMetrix	1020
QIAGEN	906 & 1241	Zymo Research Corp.	1520
Quantabio	915		

\*Corporate Partner

 International Exhibitor

## EXHIBITOR DESCRIPTIONS

## IN ALPHABETICAL ORDER

**Intelligent SolutionsDX**

Booth #: 1009

[www.intelligentsolutionsdx.com](http://www.intelligentsolutionsdx.com)

Intelligent Solutions was founded on the belief that every laboratory should have access to the best in diagnostic testing. We believe in being different, and that's why we stand out from the crowd. We endeavor to provide the right amount of information in the right way. Our reputation is impeccable and that our products are peerless.

**AbbVie**

Booth #: 1242

[www.abbvie.com](http://www.abbvie.com)

At AbbVie, we are committed to transforming standards of care for blood cancers while advancing a dynamic pipeline of investigational therapies across many cancer types. Our dedicated team joins forces with innovative partners to accelerate the delivery of potentially breakthrough medicines for patients. We are evaluating more than 20 investigational medicines in over 300 clinical trials across some of the most debilitating cancers.

**AccuGenomics, Inc.**

Booth #: 1731

[www.accugenomics.com](http://www.accugenomics.com)

AccuGenomics designs NGS internal standards that are spiked into each sample, provides QC for every target and sample, improves accuracy and true LOD with your current platform, panels and reagents. Report variant copies per milliliter of plasma, standardize liquid biopsy testing and longitudinal comparability across multiple MRD assays, monitor patient response to treatment. AccuGenomics – a higher standard of accuracy.

**Adaptive Biotechnologies Corp.**

Booth #: 1403

[www.adaptivebiotech.com](http://www.adaptivebiotech.com)

Adaptive Biotechnologies is a commercial-stage biotech company focused on harnessing the inherent biology of the adaptive immune system to transform the diagnosis and treatment of disease. Our proprietary immune medicine platform reveals and translates the massive genetics of the adaptive immune system with scale, precision and speed to develop products in life sciences research, clinical diagnostics, and drug discovery.

**Advanced Data Systems Corporation**

Booth #: 1003

[www.adsc.com](http://www.adsc.com)

MedicsRCM supports a nearly 100% success rate on first attempt clearinghouse claims. Our genetics billers have setup/coded +100 different CGX/PGX and genetics panels; MAC-specific billing. Out-of-network alerts/batch eligibility verifications ensure tests are covered. PAMA and comprehensive financial/operational KPIs/reports. LIS integrations, sales activity/portal. Transparent access to all data. MedicsPremier if in-house automation is preferred on your servers or in our cloud.

**Agena Bioscience****CORPORATE PARTNER**

Booth #: 713

[www.agenabio.com](http://www.agenabio.com)

Agena Bioscience® makes clinical genomics accessible to high-complexity clinical labs by enabling and simplifying genetic test deployment. Our foundational platform, the MassARRAY® System, is a highly sensitive, cost-effective genetic testing system used globally in diverse fields such as pharmacogenetics, hereditary genetics, infectious disease, and cancer profiling for solid tumors and liquid biopsy.

**Agendia, Inc.**

Booth #: 721

[www.agendia.com](http://www.agendia.com)

Agendia manufactures genomic tests to help support physicians faced with complex treatment decisions. MammaPrint®, the 70-gene signature is an FDA-cleared breast cancer recurrence assay, backed by peer-reviewed, prospective data and is included in national and international guidelines. Blueprint®, the 80-gene molecular subtyping assay looks beyond the cell surface to identify Luminal-type, Basal-type and HER2-type breast cancer.

**Agilent Technologies****CORPORATE PARTNER**

Booth #: 1300

[www.agilent.com](http://www.agilent.com)

Agilent is a leader in life sciences, diagnostics and applied chemical markets. The company provides laboratories worldwide with instruments, services, consumables, applications and expertise, enabling customers to gain the insights they seek. Agilent's expertise and trusted collaboration give them the highest confidence in our solutions.

**EXHIBITOR DESCRIPTIONS**

**altona Diagnostics USA, Inc.**

Booth #: 1240

[www.altona-diagnostics.com](http://www.altona-diagnostics.com)

altona Diagnostics, USA, Inc. is the US distributor for altona Diagnostics GmbH, which develops and manufactures in vitro diagnostic tests for the PCR based detection of pathogens such as viruses, bacteria or parasites. Molecular diagnostic tests from altona Diagnostics are based on real-time PCR technology and are packaged as ready-to-use kits.

**American Proficiency Institute**

Booth #: 629

[www.api-pt.com](http://www.api-pt.com)

American Proficiency Institute (API), the leading innovator in molecular proficiency testing programs, serves over 20,000 clinical laboratories. API offers a wide number of proficiency testing programs, automated result transmission, and free continuing education. When it comes to proficiency testing, reliability is everything and API is fully committed to supporting you with technical expertise and prompt, personal service.

**Amoy Diagnostics Co., Ltd.** 

Booth #: 1238

[www.amoydiagnostics.com](http://www.amoydiagnostics.com)

Amoy Diagnostics Co., Ltd. is an R&D based diagnostic company, focusing on molecular diagnostics for oncology precision medicine. AmoyDx has a market-leading portfolio of molecular diagnostic assays. Based on multiple technology platforms including PCR, NGS, FISH and IHC, AmoyDx's core product categories include but not limit to single gene testing kits, multi-gene testing panels, NGS panels and NGS analytical systems.

**Anchor Molecular**

Booth #: 1820

[www.anchormolecular.com](http://www.anchormolecular.com)

Anchor Molecular is a life science diagnostics company specializing in the development of best-in-class quality controls, reference materials, and reagents for liquid biopsy assays. We focus on molecular tests in oncology, liquid biopsy and virology. Our mission is to provide the highest quality products for genetic testing at costs that will enable accelerated adaptation of liquid biopsy testing worldwide.

**Anpac Biomedical Technology Co., Ltd.**

Booth #: 1338

[www.anpacbio.com](http://www.anpacbio.com)

Anpac Bio's proprietary "Cancer Differentiation Analysis" (CDA) medical devices and liquid biopsy screening services effectively reinvent early cancer detection. Comprehensive research validity data from 150,000 cases (to date) indicate CDA far exceeds existing revealing a sensitivity and specificity rate range of 80%-95% for over 26 different types of cancer from a single, standard blood test.

**Applied BioCode, Inc.**

Booth #: 1713

[www.apbiocode.com](http://www.apbiocode.com)

Applied BioCode is an IVD manufacturer that develops, and commercializes multiplex testing products using Barcoded Magnetic Bead (BMB) Technology. We offer Flexible and Cost-Efficient Syndromic Testing.

**Applied Spectral Imaging**

Booth #: 1108

[www.spectral-imaging.com](http://www.spectral-imaging.com)

Applied Spectral Imaging (ASI) is a global leader in biomedical imaging with a comprehensive product portfolio for Karyotyping, H&E, IHC and FISH analysis. ASI provides Pathology, Cytogenetics and Research laboratories with advanced scanning, imaging, analysis and reporting tools. Founded in 1993, ASI continues to develop and support its systems worldwide.

**Apto-Gen, Inc.**

Booth #: 1042

[www.apto-gen.com](http://www.apto-gen.com)

Apto-Gen is a technology-driven company dedicated to providing customized PCR and qPCR solutions for our customers' applications. We manufacture market-leading molecular biology reagents for direct integration into test devices and assays for both human and animal diagnostics companies. By specializing in lyophilization-compatible enzyme and reagent technologies, we offer more environmentally sustainable products by reducing cold chain storage and product wastage.

## EXHIBITOR DESCRIPTIONS

**Argonaut Manufacturing Services**

Booth #: 1038

[www.argonautms.com](http://www.argonautms.com)

Argonaut Manufacturing Services Inc. is a contract manufacturing organization (CMO) for innovative biopharmaceutical and molecular diagnostic companies. Argonaut provides scalable cGMP compliant manufacturing solutions including supply chain management services. Our enabling technologies team has developed proprietary lyophilization technologies and assay simplification tools that ensure Argonaut is the right choice for your CMO needs.

**Arima Genomics**

Booth #: 1539

[www.arimagenomix.com](http://www.arimagenomix.com)

Arima Genomics, Inc. is advancing life sciences research through the power of 3D genomics by providing unparalleled access to the sequence and structure of any genome. Arima Genomics offers the most advanced technologies for preserving and presenting the structural organization of the genome to drive discovery in genome biology and human health.

**AstraZeneca****CORPORATE PARTNER**

Booth #: 1131

[www.astrazeneca-us.com](http://www.astrazeneca-us.com)

AstraZeneca is a global, science-led biopharmaceutical company that focuses on the discovery, development and commercialization of prescription medicines, primarily for the treatment of diseases in three therapy areas – Oncology, Cardiovascular, Renal & Metabolism and Respiratory. The Company also is selectively active in the areas of autoimmunity, neuroscience and infection.

**Asuragen, a Bio-Techne Brand****CORPORATE PARTNER**

Booth #: 1413

[www.asuragen.com](http://www.asuragen.com)

Asuragen provides best-in-class molecular diagnostic products to improve the way patients are treated in genetics and oncology. Our diagnostic systems, which include proprietary chemistry and software, are designed for use with widely available instruments to ease adoption. Asuragen also offers a suite of unique, target-specific molecular controls that have been used in IVD assays for more than 20 years.

**ATCC**

Booth #: 920

[www.atcc.org](http://www.atcc.org)

Scientific progress depends on a strong foundation of credibility. As the leading global provider of credible biological products including biological standards and reference materials, ATCC is committed to supporting the AMP community with standards and solutions needed to make incredible achievements in oncology and infectious disease testing, molecular assay development and microbiome research.

**Avantor**

Booth #: 1722

[www.avantorsciences.com](http://www.avantorsciences.com)

Therapak's system brings laboratories a total outsourced solution for providing their clients with supplies to returns, samples to the laboratory- custom kitting, supply procurement, inventory management, assembly, requisition printing with bar codes, inbound return specimen management and distribution services for the laboratory by shipping all daily orders to the client locations.

**Azer Scientific**

Booth #: 1720

<http://www.AzerSci.com>

Azer Scientific's current catalog covers a wide range of products for use in clinical, research, and industrial laboratories. We strive to provide customers with new and innovative products that solve problems and improve laboratory workflow. We are here to provide technical support and detailed product information to ensure our customers are getting the product to best suit their application.

**Bangs Laboratories**

Booth #: 1423

[www.bangslabs.com](http://www.bangslabs.com)

Manufacturer of magnetic, silica and polymer microparticles used as critical raw materials for clinical and molecular biology applications such as sample prep, nucleic acid isolation, sequencing and PCR.

**EXHIBITOR DESCRIPTIONS**

**Beckman Coulter Life Sciences**

Booth #: 621

[www.beckman.com](http://www.beckman.com)

Beckman Coulter Life Sciences is dedicated to advancing and optimizing the laboratory. Biomek Genomic Workstations automate and simplify pipetting-intensive genomic workflows including extraction, qPCR/PCR setup, NGS library construction and microarray target prep. Our reagent portfolio, powered by SPRI technology—widely known as the science behind AMPure XP—includes kits for nucleic acid extraction from cells, tissue, blood, cfDNA, and FFPE.

**Bio Molecular Systems** 

Booth #: 609

[www.biomolecularsystems.com](http://www.biomolecularsystems.com)

Bio Molecular Systems is a biotechnology company that designs, manufactures and distributes instrumentation for life sciences. Established in 2010 and comprising of former Corbett Life Sciences company personnel, BMS has the expertise in developing innovative, versatile and easy-to-use products. Our long standing position in the biotech manufacturing sector enables us to establish a reputation for continuous and rapid in-house innovation.

**Biocartis**

Booth #: 1700

[www.biocartis.com/us](http://www.biocartis.com/us)

Biocartis' proprietary MDx Idylla™ platform is a fully automated sample-to-result, PCR based system that offers accurate, highly reliable molecular information from virtually any biological sample in virtually any setting.

**BioDot**

Booth #: 1008

[www.biodot.com](http://www.biodot.com)

BioDot is a global leader in ultra-low volume liquid dispensing platforms for diagnostics. BioDot's CellWriter™ S robotic workstation fully automates slide preparation and slide processing for Karyotyping, FISH, and FFPE applications. Utilizing nanoliter dispensing technology, coupled with the patented FISHArray™ multiplex slide, the CWS produces high-quality, reproducible results at significantly lower costs per assay.

**Biofidelity**

Booth #: 813

[www.biofidelity.com](http://www.biofidelity.com)

Biofidelity is a revolutionary genomic technology company dedicated to unleashing the potential of genomics to transform human health and the world we live in. Our adaptive platform technology removes the noise from genomic data, providing only the information needed to make decision making less complex, faster, more accurate, and with increased confidence.

**BioFluidica**

Booth #: 903

[www.biofluidica.com](http://www.biofluidica.com)

BioFluidica is a privately held biotechnology company that has developed LiquidScan(TM) allowing for disease management and diagnosis through prognosis, from non-invasive liquid biopsy. LiquidScan precisely captures and isolates biomarkers, such as Circulating Tumor Cells (CTC's), fetal cells and exosome sub-populations (EVs) from whole blood and plasma respectively (standard blood draw) using microfluidic affinity catch-and-release technology.

**BioID Genomics, Inc.**

Booth #: 1830

[www.bioidgenomics.com](http://www.bioidgenomics.com)

BioID Genomics is a microbiology sequencing/software company. RIDI™ 16S Microbial ID Kit is for the Illumina MiSeq. This RUO kit is used for whole blood, stool, wounds, urine or CSF. There is no need for expensive library preparation kits; pre-sequencer time is reduced to 3.5 hours for up to 96 samples. The kit includes library prep and automated bioinformatics.

**BIOLYPH**

Booth #: 1701

[www.biolyph.com](http://www.biolyph.com)

BIOLYPH converts manufacturers' unstable reagents into Room Temperature stable, instantly rehydrating LyoSpheres™, providing years of shelf life and superior ease of use, reducing steps, errors, prep time, and manufacturing costs, and eliminating cold chain dependency. Please visit our booth to learn more about BIOLYPH's LyoSphere™ Technology and Complete Formulation, Stabilization, Lyophilization, and Packaging services.

## EXHIBITOR DESCRIPTIONS

**Bionano Genomics**

Booth #: 1527

[www.bionanogenomics.com](http://www.bionanogenomics.com)

Bionano Genomics is a global life sciences company on a mission to transform the way the world sees the genome. We provide genome analysis solutions that can help reveal answers to challenging questions in biology and medicine across basic, translational, and clinical research.

**Bioneer, Inc.**

Booth #: 1401

[us.bioneer.com](http://us.bioneer.com)

Bioneer, established in Korea in 1992, has developed molecular biology products and technologies including oligos, thermostable polymerases, and instruments of gene manipulation (automatic nucleic acid extractor, thermal cycler, real-time QPCR instruments and DNA sequencer). Bioneer is positioned to fully-integrate its capability to develop next generation technologies in the post-genome era through the invention of new biochemistry and instruments.

**Bio-Rad Laboratories, Inc.****CORPORATE PARTNER**

Booth #: 1231

[www.bio-rad.com](http://www.bio-rad.com)

Bio-Rad is a global leader in developing, manufacturing, and marketing a broad range of products for the life science research and clinical diagnostic markets. Bio-Rad provides expertise in droplet digital PCR and real-time PCR, and in designing molecular quality controls and standards. Because of our focus on quality, our products are driving innovation to advance the field of molecular diagnostics.

**BioView USA, Inc.**

Booth #: 1621

[www.bioview.com](http://www.bioview.com)

BioView provides automated cell image analysis platforms for clinical and research laboratories. BioView offers capabilities in FISH, Circulating Tumor Cells, whole slide imaging, Digital tissue matching and computer-aided quantitative IHC scoring. Our customers leverage offline analysis and Web-based applications to collaborate and explore new business opportunities. BioView has received FDA clearance and CE Marking for a multitude of applications.

**Blueprint Medicines**

Booth #: 1421

[www.blueprintmedicines.com](http://www.blueprintmedicines.com)

Blueprint Medicines is a global precision therapy company that aims to invent medicines for people with cancer and hematologic disorders.

**BostonGene**

Booth #: 943

[www.bostongene.com](http://www.bostongene.com)

BostonGene's mission is to power healthcare's transition to personalized medicine using our AI-based molecular and immune profiling to improve the standard of care, accelerate research, and improve economics. BostonGene Tumor Portrait Tests reveal key drivers of each tumor, including immune microenvironment properties, actionable mutations, biomarkers of response to diverse therapies, and recommended therapies.

**Bristol Myers Squibb****CORPORATE PARTNER**

Booth #:1739

[www.bms.com](http://www.bms.com)

Bristol Myers Squibb is a leading global biopharma company focused on discovering, developing and delivering innovative medicines for patients with serious diseases in areas including oncology, hematology, immunology, cardiovascular, fibrosis and neuroscience. Our employees work every day to transform patients' lives through science.

**Canopy Biosciences**

Booth #: 1709

[www.canopybiosciences.com](http://www.canopybiosciences.com)

Canopy Biosciences®, a Bruker company, empowers innovation by providing access to cutting-edge spatial biology and multi-omic tools so biomedical researchers can drive scientific discovery faster. We offer instruments and services for spatial proteomics and transcriptomics, gene expression profiling, and CLIA services for IHC, FISH and histopathology.

**EXHIBITOR DESCRIPTIONS**

**Cantata Bio, LLC**

Booth #: 1014

[www.cantatabio.com](http://www.cantatabio.com)

Cantata Bio enables researchers and clinicians to solve tomorrow's most challenging scientific problems through novel, multi-omic approaches that unlock access to genomic and metagenomic information at unprecedented levels. Our unique approaches help solve complex problems, including chromatin topology analysis, small and large structural variant detection, de novo chromosome assembly, haplotype phasing, metagenomics, and microbiome analysis.

**careviso, Inc.**

Booth #: 1440

[www.careviso.com](http://www.careviso.com)

careviso is a healthcare technology company supporting everyone involved in diagnostic testing. We created a proprietary platform for payors, physicians, and laboratories that improves patient care through streamlined workflows. By automating the impossible we're solving the most complex problems in the healthcare industry: prior authorizations and financial transparency.

**Caris Life Sciences**

Booth #: 700

[www.carislifesciences.com](http://www.carislifesciences.com)

Caris Life Sciences® is a leading innovator in molecular science focused on fulfilling the promise of precision medicine through quality and innovation. The company's suite of market-leading molecular profiling offerings assess DNA, RNA and proteins to reveal a molecular blueprint that helps physicians and cancer patients make more precise and personalized treatment decisions.

**Cepheid**

**CORPORATE PARTNER**

Booth #: 1130

[www.cepheid.com](http://www.cepheid.com)

Cepheid is dedicated to improving healthcare by pioneering molecular diagnostics that combine speed, accuracy, and flexibility. Its GeneXpert® solutions provide best-in-class PCR testing for institutions of any size. With a track record of expertise and innovation, Cepheid delivers actionable diagnostic results across respiratory, sexual health, oncology, and infectious diseases.

**ChromaCode**

Booth #: 1010

[www.chromacode.com](http://www.chromacode.com)

ChromaCode is redefining molecular testing through data science. ChromaCode's HDPCR™ multiplexing technology couples widely-used, low-cost chemistries with proprietary software to empower the global installed base of qPCR/dPCR instrumentation to perform multiplex testing at a very low cost. Using HDPCR™, ChromaCode is seeking to expand global access to multiplex testing, reduce healthcare costs, and provide solutions for unmet healthcare needs faster.

**Cirrus Dx, inc.**

Booth #: 911

[www.cirrusdx.com](http://www.cirrusdx.com)

The Next Generation of Molecular Infectious Disease Testing Solutions.

**Clinical Lab Products**

Booth #: 1239

[www.clpmag.com](http://www.clpmag.com)

For 52 years, Clinical Lab Products is the preeminent publication for the clinical laboratory community. CLP has a multimedia presence that reaches 49,000+ clinical lab professionals across North America. The CLP portfolio includes a glossy trade publication with feature articles, product news, and comparative Tech Guides, plus webcasts, e-newsletters, and [www.CLPMag.com](http://www.CLPMag.com) — technology specifically used in clinical laboratories.

**Codexis, Inc.**

Booth #: 941

[www.codexis.com](http://www.codexis.com)

Codexis is a leading enzyme engineering company that discovers and develops novel, high-performance enzymes for life science tools. Our engineered enzymes drive improvements in thermostability, processivity, and efficiency. The result is more versatile workflows and better yields. Codexis enzymes enable the promise of synthetic biology to improve the health of people and the planet.

## EXHIBITOR DESCRIPTIONS

**Co-Diagnostics, Inc.**

Booth #: 712

[www.co-dx.com](http://www.co-dx.com)

Founded in 2013 on the principle of making affordable PCR diagnostics available worldwide, Co-Dx™ is a molecular diagnostics provider with unique, patented technology which enables the design of high performing, cost-effective PCR tests with applications for infectious diseases, at-home/point-of-care, liquid biopsy, SNP detection, vector surveillance and agricultural genetics testing.

**College of American Pathologists**

Booth #: 1139

[www.cap.org](http://www.cap.org)

As the world's largest organization of board-certified pathologists and leading provider of laboratory accreditation and proficiency testing programs, the College of American Pathologists (CAP) serves patients, pathologists, and the public by fostering and advocating excellence in the practice of pathology and laboratory medicine worldwide.

**College of American Pathologists Periodicals**

Booth #: 904

[www.cap.org](http://www.cap.org)

The College of American Pathologists offers two monthly publications: CAP TODAY and the Archives of Pathology & Laboratory Medicine. CAP TODAY brings monthly business and medical news in the clinical laboratory. The Archives of Pathology & Laboratory Medicine is one of the best-read journals among pathologists and laboratory directors. Samples are available.

**Copan Diagnostics, Inc.**

Booth #: 1806

[www.copanusa.net](http://www.copanusa.net)

COPAN's collaborative approach to innovation in pre-analytics has resulted in the original FLOQSwabs™, ESwab™, FecalSwab™, eNAT™, MSwab™, UTM™ and full laboratory automation. COPAN's collection and preservation systems have proven to advance the quality of traditional and contemporary microbiology assays, particularly for molecular applications. Our automation includes specimen processing, smart incubation, digital imaging, and algorithms.

**Coriell Institute for Medical Research**

Booth #: 1541

[www.coriell.org](http://www.coriell.org)

Coriell Institute is a leading biorepository delivering a diverse range of unique biospecimens. The Institute is committed to the highest standard in cell line quality services, as well as unlocking the promise of induced pluripotent stem cells and their role in disease research and drug discovery.

**Coyote Bioscience** 

Booth #: 1441

[www.coyotebio.com](http://www.coyotebio.com)

Coyote Bioscience is an innovator dedicated to developing point-of-care testing (POCT) solutions and fully automated, integrated rapid molecular diagnostic systems. We fulfill our social responsibility by protecting public health with leading-edge technologies, including our proprietary parallel molecular reaction solution. Driven by the vision "Molecular Diagnostics for Everyone", Coyote is creating fast, accurate, simple, and portable molecular diagnostic technology.

**Cytovale**

Booth #: 627

[www.cytovale.com](http://www.cytovale.com)

Cytovale is medical diagnostics company focused on providing rapid and insightful tools to improve early detection of fast-moving and immune-mediated diseases. Cytovale's investigational IntelliSep test is pioneering a new way of quickly and accurately analyzing white blood cells to stratify a patient's risk of sepsis.

**DevLab Bio**

Booth #: 1409

[www.devlabbio.com](http://www.devlabbio.com)

We are a contract research laboratory and a high complexity, CAP Accredited and CLIA-certified clinical laboratory with a highly skilled team, we provide a unique solution for those needing either molecular assay or immunoassay development and/or clinically regulated support. Our contract research laboratory services include proof of concept, 510(k), EUA and LTD services.

**EXHIBITOR DESCRIPTIONS**

**Devyser** 🌐

Booth #: 730

[www.devyser.com](http://www.devyser.com)

Pioneers in diagnostic solutions for genetic testing. Our goal is to eliminate tedious protocols and streamline laboratory workflows with fast, reliable, and easy-to-use solutions. So, all patients receive a fast diagnosis and correct treatment in the shortest time possible. Currently, our products for the US market are only available for Research Use Only. Not for use in diagnostic procedures.

**DiaCarta**

Booth #: 908

[www.diacarta.com](http://www.diacarta.com)

DiaCarta, a translational genomics and precision molecular diagnostics company, was established in 2011 to provide highly sensitive and advanced technologies that will improve the way molecular diagnostics and translational genomics impact healthcare treatment plans and the well-being of individuals around the world.

**Diagenode**

Booth #: 1002

[www.diagenode.com](http://www.diagenode.com)

Diagenode's portfolio includes innovative shearing solutions for DNA and chromatin shearing, RNA and protein extraction, and cell lysis. In addition, we offer reagent kits and high quality antibodies to streamline DNA methylation, ChIP, ChIP-seq, and ATAC-seq workflows. We also provide a full line of epigenomics profiling services.

**DiaSorin Molecular / Luminex A DiaSorin Company**

Booth #: 1141

[www.luminexcorp.com](http://www.luminexcorp.com)

For over 50 years, we have developed, produced, and marketed laboratory diagnostic reagent kits across the world. Our extensive diagnostic tests and Licensed Technology solutions, available through ongoing research investments, positions our expansive specialty solutions foremost within the sector, and identifies the Group as the "Diagnostics Specialist."

**DNA Script** 🌐

Booth #: 1138

[www.dnascript.com](http://www.dnascript.com)

DNA Script has developed an alternative to traditional DNA synthesis called Enzymatic DNA Synthesis, or EDS, allowing this technology to be accessible to labs with the first benchtop enzymatic synthesis instrument, the SYNTAX System. By putting DNA synthesis back in the lab, DNA Script aims to transform life sciences research through innovative technology that gives researchers unprecedented control and autonomy.

**Element Biosciences**

Booth #: 1515

[www.elementbiosciences.com](http://www.elementbiosciences.com)

Element Biosciences is a multi-disciplinary startup focused on innovating genetic analysis tools for research and diagnostic markets. Our mission is to empower the scientific community with freedom and flexibility to accelerate our collective impact on humanity. Our first product AVITI is a modular and high-performing DNA sequencing platform delivering high-quality data, workflow flexibility and make next-generation sequencing technology more accessible.

**Eli Lilly and Company**

**CORPORATE PARTNER**

Booth #: 1001

[www.lillyloxooncologypipeline.com](http://www.lillyloxooncologypipeline.com)

Loxo@Lilly aims to create medicines that make life better for all those affected by cancer around the world. Bringing together the focus and spirit of a biotech with the scale, resources, and heritage of Lilly, our team is focused on rapidly delivering impactful new medicines for people with cancer.

**ELITechGroup Molecular Diagnostics**

Booth #: 1543

[www.egmdx.com](http://www.egmdx.com)

ELITechGroup MDx offers a range of molecular diagnostics products to clinical and research laboratories. Our product portfolio includes the fully automated sample-to-result ELITe® BeGenius instrument system and a growing menu of infectious disease products featuring our innovative MGB Alert® and DSQ Alert™ probe chemistries. Test reagents may be used on our proprietary instrument systems and on most open channel platforms.

## EXHIBITOR DESCRIPTIONS

**Elsevier**

Booth #: 1623

[www.us.elsevierhealth.com/](http://www.us.elsevierhealth.com/)

Elsevier is a world-leading provider of information solutions that enhance the performance of science, health, and technology professionals, empowering them to make better decisions, and deliver better care.

**EntroGen**

Booth #: 922

[www.entrogen.com](http://www.entrogen.com)

EntroGen offers end-to-end molecular diagnostic solutions by providing hardware, reagents and software. Starting from automated nucleic acid extraction and culminating in genomic interpretation with proprietary software embedded for key decision support, our solutions are designed to be accurate, economic and scalable. Our mission is to develop diagnostic solutions for therapeutics and support the advancement of targeted therapies in oncology.

**Envoke** 

Booth #: 1832

[www.envoke-demos.com](http://www.envoke-demos.com)

Envoke is the industry leader in creating virtual demonstrations for life science instruments that dramatically reduce your sales cycle. Your instrument in virtual mode is deployed on your website, in kiosk-mode for events, and on electronic notepads. Virtual demonstrations quickly communicate the benefits of your product, overcoming the obstacles of shipping and set-up.

**EpigenDx, Inc.**

Booth #: 611

[labs.epigendx.com](http://labs.epigendx.com)

With over 15 years of experience in genetic and epigenetic clinical research, EpigenDx offers high quality products and laboratory services focused on DNA methylation analysis, gene expression profiling, and mutation analysis. Methylation analysis experts offering analysis procedures including NGS, Pyrosequencing, RT-PCR, digital PCR, and GeneChip Microarray. DNA Controls, SNP Genotyping, Allele Specific Quantification, Targeted NGS, Foxp3 analysis for epigenetic immunotherapy.

**Fabric Genomics**

Booth #: 821

[www.fabricgenomics.com](http://www.fabricgenomics.com)

Fabric Genomics is making precision medicine a reality by facilitating clinical labs, hospital systems, and country-sequencing programs to develop, deploy, and scale genomic testing. Our AI approach to genome interpretation and SOP-based workflows enable rapid generation of physician-ready clinical reports for any genomic test.

**Fidelis Research** 

Booth #: 1508

[www.fidelis-research.com](http://www.fidelis-research.com)

Custom biospecimen collections, lab processing, preparation, and shipping offerings. Fidelis specializes in the procurement of high-quality human biological specimens and ancillary services. We support researchers globally by collecting and processing a wide range of disease-state and control samples. Our goal is to accelerate our partners' translational research and innovation.

**Formulatrix**

Booth #: 1728

[www.formulatrix.com](http://www.formulatrix.com)

At Formulatrix, we simplify laboratory workflows with the most innovative automation to save you time, money, and resources so you can achieve your next breakthrough. We don't simply upgrade the systems everyone else is making — we push the boundaries of technology, producing the smartest, and most efficient laboratory automation available.

**Gencove**

Booth #: 907

[www.gencove.com](http://www.gencove.com)

Gencove developed a hardware-agnostic, low-pass whole-genome sequencing, imputation, and analysis software platform to provide fast, affordable, and accurate genome-wide information for human, animal, plant, and microbial applications.

**EXHIBITOR DESCRIPTIONS**

**Genentech**

**CORPORATE PARTNER**

Booth #: 1126

[www.gene.com](http://www.gene.com)

For more than 40 years, we've been following the science, seeking solutions to unmet medical needs. As a proud member of the Roche Group, we make medicines to treat patients with serious medical conditions. We are headquartered in South San Francisco, California.

**Genes2Me Private Limited** 

Booth #: 1638

[www.genes2me.com](http://www.genes2me.com)

Genes2Me is a leading Indian IVD solutions manufacturing company offering NGS clinical panels, molecular POC testing solution, RT-PCR kits, rapid antigen/antibody testing kits and molecular biology reagents. Additionally, Company is also one of the renowned genetic testing service provider with wide menu of tests targeting infectious and non-infectious diseases, oncology, rare diseases and prenatal/postnatal genetic diseases.

**Genetic Tools, LLC**

Booth #: 1040

[www.genetictoolsllc.com](http://www.genetictoolsllc.com)

Genetic Tools, LLC, a California-based company, aims ultra-highly sensitive DNA/RNA detection of early cancer and infectious diseases. Recently we developed a novel, revolutionary reverse transcriptase. This RTase is super-efficient, works best at 60-62°C, reliably detects single digit copies of target RNA templates, and is particularly suitable to one-step RT-PCR: MAKING RNA TESTING AS EASY AS DNA.

**GenomeWeb**

Booth #: 1500

[www.genomeweb.com](http://www.genomeweb.com)

GenomeWeb is an independent online news organization based in New York. Since 1997, GenomeWeb has served the global community of scientists, technology professionals, and executives who use and develop the latest advanced tools in molecular biology research and molecular diagnostics.

**Genomic Testing Cooperative**

Booth #: 1642

[www.genomictestingcooperative.com](http://www.genomictestingcooperative.com)

GTC offers comprehensive genomic profiling of DNA and RNA for solid and hematologic tumors via a cooperative model. This co-op model allows us to partner with laboratories, hospitals, pathologists to share resources which create efficiencies and standardization. We can work as a reference lab or a partner to help internalize testing. Liquid Trace is the first comprehensive cfRNA/cfDNA assay.

**GenPath Diagnostics, BioReference**

Booth #: 732

[www.genpathdiagnostics.com/oncology](http://www.genpathdiagnostics.com/oncology)

GenPath®, a division of BioReference, is a leading expert in cancer diagnostics, offering a comprehensive portfolio to support the continuum of care of cancer patients — from risk assessment to treatment planning.

**Gilead**

Booth #: 615

[www.gilead.com](http://www.gilead.com)

At Gilead, we're committed to creating a healthier world for everyone – no matter the challenges ahead of us. We have worked tirelessly to bring forward medicines for life-threatening diseases. Through bold and transformative science, we're driving innovation that has the potential to become the next generation of life-changing medicines.

**Golden Helix**

Booth #: 1432

[www.goldenhelix.com](http://www.goldenhelix.com)

Golden Helix® is a global bioinformatics firm founded in 1998. We develop and sell an industry-leading clinical solution that supports the analysis of sequencing data and the creation of clinical reports.

**GoPath Diagnostics**

Booth #: 706

[www.geneticsnow.com](http://www.geneticsnow.com)

State-of-the-art CAP-accredited, CLIA-certified molecular diagnostic laboratory. Whether we're partnering with oncology practices and hospitals to create strong testing programs and streamlined billing, empowering biopharma to develop precise, effective treatments, or inspiring patients to reclaim their autonomy through an easy-to-use digital portal and a long list of viable treatment options, our mission is simple: to make the complex clear for everyone.

## EXHIBITOR DESCRIPTIONS

**GT Molecular**

Booth #: 1341

[www.gtmolecular.com](http://www.gtmolecular.com)

At GT Molecular, we strive to deliver fast and precise molecular assays for advancing cancer research, detecting harmful pathogens in wastewater, and facilitating detection efforts in a variety of fields. We are experts in advanced molecular detection technologies and provide ultrasensitive digital and real-time PCR assays for reliable quantification. We also offer laboratory and NGS testing services for wastewater-based epidemiology.

**Hamilton Company**

Booth #: 900

[www.hamiltoncompany.com](http://www.hamiltoncompany.com)

Hamilton Company specializes in the development, manufacturing and customization of precision measurement devices, automated liquid handling workstations, sample management systems, and OEM solutions. Hamilton offers fully automated solutions for sample preparation, drugs of abuse testing, toxicology, pain management testing, next-generation sequencing (NGS), ELISA, and more.

**Haystack Oncology**

Booth #: 1723

[www.haystackoncology.com](http://www.haystackoncology.com)

Haystack Oncology uses the next generation of circulating tumor DNA (ctDNA) detection technology to see through the noise and uncover the low levels of ctDNA in blood to report residual, recurrent, or resistant disease earlier than any other minimal residual disease (MRD) test.

**Hologic****CORPORATE PARTNER**

Booth #: 1109

[www.hologic.com](http://www.hologic.com)

At Hologic, we enable people to live healthier lives everywhere, every day. The Diagnostic Solutions division delivers on this commitment by developing and providing innovative cytology, molecular and perinatal testing. With instrumentation and assays rooted in science and driven by technology, Hologic helps guide patient care and enable earlier detection.

**Hopkins Medtech Compliance**

Booth #: 1612

[www.hopkinsmedtech.com](http://www.hopkinsmedtech.com)

We help medical device companies rapidly access the industry's best consultants, contractors, and candidates. Our resources assist in every stage of the product lifecycle, from clinical development to commercialization, with a focus in Quality Assurance, Regulatory Affairs, and Clinical Operations. HMC provides assistance in applying for EUA, premarket notice 510K by FDA, CE mark by European Commission and MDR.

**HudsonAlpha Institute for Biotechnology**

Booth #: 613

[www.hudsonalpha.org](http://www.hudsonalpha.org)

HudsonAlpha Institute for Biotechnology is a nonprofit institute dedicated to developing and applying scientific advances to health, agriculture, learning, and commercialization. HudsonAlpha's vision is to leverage the synergy between discovery, education, medicine, and economic development in genomic sciences to improve the human condition around the globe. HudsonAlpha is a national and international leader in genetics and genomics research and education.

**Illumina****CORPORATE PARTNER**

Booth #: 829

[www.illumina.com](http://www.illumina.com)

Illumina's mission is to improve human health by unlocking the power of the genome. Now, through innovation and collaboration, we are enabling genomic breakthroughs in immunotherapy, biomarker discovery, and therapy selection. The opportunity to transform tumor profiling with innovative assays that enable comprehensive genomic profiling, new companion diagnostic development, and liquid biopsy inspires us to push boundaries and drive innovation.

**Imagia Canexia Health** 

Booth #: 727

[www.imagiacanexiahealth.com](http://www.imagiacanexiahealth.com)

Imagia Canexia Health is a genomics-based cancer treatment testing company that accelerates access to precision care by combining AI expertise with advanced molecular biopsy solutions. Leveraging AI-based informatics for treatment selection and monitoring, oncologists now have leading clinical decision support right at their fingertips. Join ICH in closing the health-equity gap in cancer.

**EXHIBITOR DESCRIPTIONS**

**Immunexpress**

Booth #: 738

[www.septicyte.com](http://www.septicyte.com)

Immunexpress, a molecular diagnostic company, based in Seattle, offers SeptiCyte® RAPID, a whole blood gene expression test to accurately differentiate sepsis vs non-infectious systemic inflammation providing actionable results in 1 hr to aid physicians in patient management decisions. SeptiCyte® RAPID runs on the Biocartis' Idylla™ platform and is FDA cleared for in vitro diagnostic use with supporting clinical validation.

**Indigo BioAutomation**

Booth #: 607

[www.indigobio.com](http://www.indigobio.com)

Indigo BioAutomation provides automated data analysis, data management and data integration solutions to clinical laboratories, pharmaceutical and biotechnology research laboratories. ARQ, from Indigo BioAutomation is a software service dedicated to accelerating the release of high-quality qPCR and rtPCR results. The results are available anywhere, and delivered quickly, consistently, and reliably.

**Inside Precision Medicine**

Booth #: 1530

[www.insideprecisionmedicine.com](http://www.insideprecisionmedicine.com)

Clinical OMICs is the leading source of practical insights for pathologists, clinicians, researchers, and scientists working to translate important findings across the broad range of "omics" technologies to deliver on the promise of molecular and precision medicine.

**Integrated DNA Technologies**

Booth #: 1140

[www.idtdna.com/pages](http://www.idtdna.com/pages)

Integrated DNA Technologies (IDT) is the world leader in delivering custom nucleic acid products for life sciences and medical research, serving academic, clinical, biotechnology, pharmaceutical development, and agricultural research communities. IDT product applications include qPCR, gene construction, CRISPR genome editing, next generation sequencing, and functional genomics.

**Invivoscribe**

Booth #: 931

[www.invivoscribe.com](http://www.invivoscribe.com)

Invivoscribe® is an ISO13485 compliant cGMP manufacturer of standardized reagents and bioinformatics software used by LabPMM clinical labs and >700 customers. Products include the FDA-approved LeukoStrat® CDx FLT3 Mutation Assay, RUO, and CE-marked assays for capillary and NGS platforms. Kits, gene panels, and MRD assays (Ig, TCR, FLT3, NPM1) are used to stratify/enroll subjects and track malignancies in clinical trials.

**iProcess Global Research Inc**

Booth #: 843

[www.iprocess.net](http://www.iprocess.net)

iProcess Global Research is a provider of Biospecimens. From Banked Samples to Prospective Collections, we provide Tissues, Blood, Plasma, Serum, Swabs, Urine, Stool etc across all disease indications. With a global network of over 5000 sites, we are the chosen partner of major pharmaceutical, lifescience and diagnostic companies to meet their R&D needs.

**LabTurbo Biotech**

Booth #: 1509

[www.labturbo.com](http://www.labturbo.com)

At LabTurbo Biotech, we focus on the development and manufacture of nucleic acid testing device including automated systems, DNA/RNA purification kits, liquid-handling system, and qPCR kits for nucleic acid testing. We aim on bringing innovations to achieve faster, more sensitive, and sample-to-result nucleic acid testing for a wide range of sample types and multi-target panel testing.

**LabWare, Inc.**

Booth #: 1804

[www.labware.com](http://www.labware.com)

LabWare is a global leader in clinical laboratory management and workflow automation software. We empower customers to succeed by providing a robust and configurable solution that delivers long-term value. LabWare enables clinical and research laboratories to increase productivity, reduce costs, optimize compliance and improve quality across diverse areas, including anatomic and molecular pathology, genetics, and microbiology.

## EXHIBITOR DESCRIPTIONS

**LGC Clinical Diagnostics**

Booth #: 925

[www.seracare.com](http://www.seracare.com)

SeraCare is a leading partner to global IVD manufacturers and clinical testing laboratories. Our comprehensive portfolio of catalog and custom-developed diagnostic quality solutions, biological and reagent component materials for clinical genomics includes reference materials for TMB, liquid biopsy, tumor sequencing, germline mutation testing, NIPT, and infectious disease. Together, we are working to enable laboratories to deliver patient results with confidence.

**LGC, Biosearch Technologies**

Booth #: 1339

[www.biosearchtech.com](http://www.biosearchtech.com)

Biosearch Technologies is the comprehensive genomics portfolio from LGC, providing products and services for genomic analysis that support mission critical applications in molecular diagnostics. We enable our customers from assay development to commercialisation through our expertise in sample preparation, oligo synthesis, enzymes, and components for PCR and NGS.

**LRE Medical GmbH** 

Booth #: 726

[www.lre.de](http://www.lre.de)

LRE Medical is a leading provider of contract engineering and manufacturing of complex and highly integrated instrumentation for the IVD, MedTech and Life Sciences industry. LRE offers one-stop-shop solutions from early feasibility studies through product development, manufacturing, after-sales service to lifetime product support. LRE manages project risks and assures compliance through tight integration of engineering and manufacturing.

**MagBio Genomics, Inc.**

Booth #: 1024

[www.magbiogenomics.com](http://www.magbiogenomics.com)

MagBio Genomics Inc. develops and commercializes products for sample collection and stabilization, magnetic bead-based isolation and purification of nucleic acids, as well as multiplex PCR panels for detection of pathogens.

**Maine Molecular Quality Controls, Inc.**

Booth #: 1511

[www.mmqci.com](http://www.mmqci.com)

Maine Molecular Quality Controls, Inc. designs and delivers innovative, easy-to-use, high-quality molecular controls for inherited disease, infectious disease, and oncology testing. Custom orders from in vitro diagnostic manufacturers are welcome. Independent and focused on supporting accuracy of molecular laboratory tests, MMQCI's quality controls produced at our cGMP, ISO13845 certified facility, coupled with unrivaled customer service, provide confidence in test results!

**Medical Laboratory Observer**

Booth #: 1029

[www.mlo-online.com](http://www.mlo-online.com)

MLO-Medical Laboratory Observer is the premier magazine for the clinical lab professional since 1969. MLO publishes peer-reviewed articles, CE courses, lab management tips, regulatory updates, industry trends, and new product reviews for medical lab directors and managers. MLO is a multi-media resource delivering a monthly magazine and digital edition, daily enewsletter, comprehensive website, annual buyers guide and free subscriptions.

**Medix Biochemica USA, Inc.**

Booth #: 1513

[www.medixbiochemica.com](http://www.medixbiochemica.com)

Medix Biochemica is your molecular diagnostics partner from concept to commercialization. MedixMDx offers more than just a wide range of high-quality enzymes and ready-to-use master mixes, wet or dry, we also offer technical support from experts in IVD raw material and kit manufacturing. Because we've been in your shoes, we can be by your side, every step of the way.

**MedSchenker**

Booth #: 1721

[www.medschenker.com](http://www.medschenker.com)

MedSchenker® is a market leader in manufacturing and distributing medical consumables and advanced medical equipment. Founded in 2001, MedSchenker's mission is to bring innovative and top of the line products to market while maintaining a strong connection to the industry.

**EXHIBITOR DESCRIPTIONS**

**Menarini Silicon Biosystems**

Booth #: 1039

[www.siliconbiosystems.com](http://www.siliconbiosystems.com)

A biotech company with a passion to advance healthcare and personalized medicine with its DEPArray™ system and, the CELLSEARCH® Circulating Tumor Cell System — only clinically validated blood test cleared by the FDA for detecting and enumerating CTCs to help manage patients with metastatic breast, prostate, and colorectal cancers.

**Merck & Co., Inc.**

Booth #: 1501

[www.merck.com](http://www.merck.com)

At Merck, our goal is to translate breakthrough science into innovative oncology medicines. As part of our focus on cancer, Merck is committed to clinical research with one of the largest development programs in the industry.

**Meridian BioScience, Inc.**

Booth #: 1128

[www.meridianbioscience.com](http://www.meridianbioscience.com)

For more than 40 years, Meridian Bioscience has helped healthcare providers in early diagnosis and proper patient management by providing a line of trusted solutions so that patients can get back to living. The Meridian platforms provide established testing technologies with accurate results. Meridian’s comprehensive line of testing options deliver results with speed, accuracy and simplicity.

**MetaSystems Group, Inc.**

Booth #: 1006

[www.metasystems.org](http://www.metasystems.org)

MetaSystems is a leading manufacturer of genetic imaging (high throughput) slide scanning systems and high quality DNA FISH probes for clinical laboratories. We offer innovative solutions for automated interphase FISH spot counting with RapidScore technology, TissueFISH and TMA analysis in fluorescence and brightfield, pathology whole slide imaging, metaphase search, and automatic karyotyping.

**Michigan Medicine Laboratories**

Booth #: 1000

[www.mlab.umich.edu](http://www.mlab.umich.edu)

MLabs is a full-service reference laboratory, providing national and international physicians with cutting-edge molecular tests and disease-specific service lines for diagnoses and therapeutic evaluations. We offer rapid turnaround times, cost-effective testing, and consultations for challenging cases in all subspecialties. CLIA-certified/CAP-accredited, MLabs has 30+ years of extensive experience.

**MilliporeSigma**

Booth #: 633

[www.milliporesigma.com](http://www.milliporesigma.com)

MilliporeSigma is the U.S. and Canada Life Science business of Merck KGaA, Darmstadt, Germany, has some 27,000 employees and 60 manufacturing sites worldwide, with a portfolio of more than 300,000 products focused on scientific discovery, biomanufacturing and in vitro diagnostics. Partnerships with our in-house expertise in IVD development and production fosters risk mitigation and regulatory compliance

**Miltenyi Biotec Inc.**

Booth #: 1531

[www.miltenyibiotec.com](http://www.miltenyibiotec.com)

For over 30 years, Miltenyi Biotec has been a leader in the development of products that empower the advancement of biomedical research and enable cell and gene therapy. We provide innovative tools to help with your sample preparation, cell isolation, cell culture, and cell analysis needs. Our solutions are designed to support everything from basic research to translational research and clinical application for immunology, stem cell biology, neuroscience, and cancer.”

**Miroculus**

Booth #: 1522

[www.miroculus.com](http://www.miroculus.com)

Miroculus develops revolutionary tools for personal lab automation. Our technology offers industry-leading assay flexibility and automation capacity in an affordable digital microfluidics platform, enabling seamless workflow integration for both established and novel molecular protocols.

## EXHIBITOR DESCRIPTIONS

**MiRXES Corporation**

Booth #: 939

[www.mirxes.com](http://www.mirxes.com)

MiRXES is a Singapore-headquartered molecular diagnostic company with facilities in Japan, China and USA. Our technology enables clinical researchers to discover, validate and quantify disease specific miRNA biomarker signatures from biofluids. Consider MiRXES as your translational research partner and harness the potential of liquid biopsies for early disease detection and monitoring.

**Mission Bio**

Booth #: 826

[www.missionbio.com](http://www.missionbio.com)

Mission Bio accelerates discoveries and cures by equipping researchers with the tools they need to improve how we measure and predict our resistance and response to precision therapies. With the Tapestri Platform, the only platform capable of analyzing DNA and protein simultaneously with single-cell resolution, Mission Bio's multi-omics approach improves time-to-market for new therapeutics that provide new pathways to health.

**Molecular Loop Biosciences**

Booth #: 631

[www.molecularloop.com](http://www.molecularloop.com)

Molecular Loop's customized targeted next-generation sequencing solutions deliver industry-leading workflow simplicity without sacrificing data quality. The company leverages its technology and deep genomics expertise to accelerate life science innovations and make advancements in personalized healthcare. The team is passionate about making it easier than ever for labs to harness the power of genomic technology and make genetic testing broadly accessible.

**Morphle Labs Inc.**

Booth #: 1331

[www.morphlelabs.com](http://www.morphlelabs.com)

Inventors of the Fastest Microscopy Scanners with a novel dual objective z-stack scanning with 100x & 40x combined. The intended use goes beyond FFPE tissue slides and extends to cytology, BMA, PBS, CSF & more. Also, we enjoy building custom AI applications for specific research problems.

**MRC Holland** 🌐

Booth #: 1005

[www.mrcholland.com](http://www.mrcholland.com)

MRC Holland's mission is to manufacture and distribute affordable and reliable genetic tests worldwide. MLPA assays are the gold standard for the detection of DNA copy numbers and methylation patterns associated with disease. Our most recent addition to the portfolio, digitalMLPA™, brings reliable CNV detection to a new scale, allowing the quantification of more than 1000 targets in one assay.

**NanoString Technologies**

Booth #: 1521

[www.nanostring.com](http://www.nanostring.com)

NanoString Technologies is a leading provider of life science tools for discovery and translational research. The company provides three platforms focused on gene and protein expression analysis as well as multiplexed spatial profiling and high-resolution molecular imaging: the nCounter® Analysis System, the GeoMx® Digital Spatial Profiler, and the CosMx™ Spatial Molecular Imager.

**Natech Plastics**

Booth #: 811

[www.natechplastics.com](http://www.natechplastics.com)

As an injection molder and contract manufacturer, Natech specializes in an engineering-focused approach to manufacturing. Our core team are experts in design for manufacturing, assembly and scaling new products. Natech is an ISO 9001, ISO 13485 and FDA-registered molder. Headquartered in Long Island, NY, Natech operates three facilities, including a class 8 cleanroom for medical molding and assembly.

**NeoGenomics Laboratories**

Booth #: 1428

[www.neogenomics.com](http://www.neogenomics.com)

NeoGenomics specializes in cancer diagnostics and information services, with diagnostic, prognostic and predictive menu of >600 tests covering solid tumor and hematologic malignancies. Offering 26 cancer-specific, multi-methodology assays in targeted and broad-based profiles to detect genomic alterations in clinically significant driver genes centered on NGS, FISH, and IHC. RaDaR is a multi-tumor assay for detection of residual disease and recurrence.

**EXHIBITOR DESCRIPTIONS**

**New England Biolabs**

Booth #: 1629

[www.neb.com](http://www.neb.com)

NEB has led the industry in the discovery and production of molecular biology reagents. In addition to products for genomic research, NEB continues to expand its product offerings into areas related to PCR, gene expression, sample prep for next gen sequencing, synthetic biology and RNA analysis. NEB is also supporting customers in the development of diagnostics and vaccines for SARS-CoV-2.

**Novartis**

**CORPORATE PARTNER**

Booth #: 1327

[www.novartis.com](http://www.novartis.com)

At Novartis, our mission is to discover new ways to improve and extend people's lives. We use science-based innovation to address some of society's most challenging health care issues. We discover and develop breakthrough treatments and find new ways to deliver them to as many people as possible.

**nRichDx**

Booth #: 1627

[www.nrichdx.com](http://www.nrichdx.com)

Unleash the power of liquid biopsies with nRichDx's cfDNA sample prep system and yield up to 75X more DNA in a single, scalable sample prep compatible with any downstream PCR or NGS system.

**NuProbe**

Booth #: 1405

[www.nuprobe.com](http://www.nuprobe.com)

NuProbe is a cutting-edge genomics and molecular diagnostics company with revolutionary molecular technologies to improve the sensitivity of DNA disease biomarkers by over 10-fold. NuProbe has sites in Houston, USA, Shanghai, China and Suzhou, China. NuProbe's vision is to offer affordable, timely, and accurate disease state information to enable precision medicine and improve patient outcomes.

**NZYTech** 

Booth #:1812

[www.nzytech.com](http://www.nzytech.com)

NZYTech manufactures and supplies high-quality enzymes, mixes and kits for molecular research and diagnostics, including custom and OEM solutions. From qPCR & One-Step RT-qPCR Master Mixes, to Reverse Transcriptases, to Ribonuclease Inhibitors and Polymerases. Additionally, our Clinical Diagnostics solutions have a range of CE-IVD and RUO products, including COVID-19, Flu A/B, RSV and Monkeypox PCR kits.

**OGT**

Booth #: 1439

[www.ogt.com](http://www.ogt.com)

As a leading global provider of diagnostic genomic solutions, our goal is to enable researchers and clinical decision-makers to reach the right decisions for each patient, every time. The quality and innovation built into our NGS, arrays and FISH products reflects our commitment to improving future genetic clinical care. We offer partnership and collaboration at every stage of your work.

**Omega Bio-tek**

Booth #: 639

[www.omeganiotek.com](http://www.omeganiotek.com)

Omega Bio-tek, founded in 1998, is an ISO 9001:2015 and ISO 13485:2016 certified manufacturer of DNA/ RNA purification kits. With a diversified product portfolio, Omega Bio-tek kits purify high-quality nucleic acids from a wide variety of samples. Omega Bio-tek's products and services are used in thousands of universities and research institutes and over 100 different countries worldwide.

**Opentrons Labworks**

Booth #: 923

[www.opentrons.com](http://www.opentrons.com)

We make robots for biologists. Our mission is to provide the scientific community with a common platform to easily share protocols and reproduce each other's results. Automate time consuming NGS Library Prep, PCR/qPCR, plate filling, or anything else you can dream of with our open-source OT-2, starting at only \$4,000 (no joke!). Come meet your personal pipetting robot today!

## EXHIBITOR DESCRIPTIONS

**Orchard Software Corporation**

Booth #: 1426

[www.orchardsoft.com](http://www.orchardsoft.com)

Orchard Software is a leader in the LIS industry and offers a variety of solutions. Orchard® Molecular includes dynamic workflow support that orchestrates the entire molecular testing process from pre-analytical through post-analytical. Orchard® Enterprise Pathology is a web-based LIS designed to enable pathology laboratories to continue to grow and be an integral part of an interoperable healthcare system.

**Osang**

Booth #: 1814

<http://www.osangllc.com>

OHC is focused on providing innovative and high-quality solutions for emerging diagnostic needs. We offer a full range of diagnostics from rapid at-home testing to point-of-care and lab based molecular systems. With a focus on quality, service and affordability, we serve more than 100 countries globally.

**Ovation**

Booth #: 1727

[www.ovation.io](http://www.ovation.io)

Ovation is a scientific data company transforming the way a LIMS supports the critical functions of molecular diagnostic laboratories because it is not enough to just track samples and manage workflows. To be successful, labs have to attend to physicians, patients, sales teams, lab operations, revenue cycle management, and business performance. Ovation is here to help with all of it.

**Oxford Nanopore Technologies Ltd.** 

Booth #: 1506

[www.nanoporetech.com](http://www.nanoporetech.com)

Oxford Nanopore Technologies' goal is to bring the widest benefits to society through enabling the analysis of anything, by anyone, anywhere. Sequence short to ultra-long DNA/RNA fragments, with real-time data streaming, to rapidly and comprehensively characterise cancer research samples: from SNVs to epigenetic alterations and large-scale structural aberrations.

**Paragon Genomics, Inc.**

Booth #: 905

[www.paragongenomics.com](http://www.paragongenomics.com)

Paragon Genomics, Inc. specializes in sample preparation for targeted next-generation sequencing (NGS). We develop and commercialize reagents and molecular diagnostic tools for genomic analysis of clinically-relevant samples. Our CleanPlex® and CleanPlex® UMI NGS panels combine superior primer design and innovative library preparation chemistry to eliminate non-specific PCR products, incorporate molecular identifiers, and achieve superior target enrichment and variant detection performance.

**PathAI**

Booth #: 1526

[www.pathai.com](http://www.pathai.com)

PathAI is a leading provider of AI-powered research tools and services for pathology...in machine and deep learning. Based in Boston, PathAI works with leading life sciences companies and researchers to advance precision medicine.

**PathGroup**

Booth #: 841

[www.pathgroup.com](http://www.pathgroup.com)

Founded in 1965, PathGroup is a premier provider of anatomic, clinical, molecular, and digital pathology laboratory services. Privately held and physician-centric, PathGroup offers the laboratory testing information necessary to help healthcare providers make clinically actionable treatment plans with their patients.

**PCR Biosystems**

Booth #: 914

[www.pcrbio.com](http://www.pcrbio.com)

PCR Biosystems is a manufacturer of PCR kits and reagents for molecular biology research and diagnostics. Our portfolio covers a broad range of applications including hot start, long range, high fidelity, crude sample and molecular diagnostic PCR. With ISO 13485:2016 certification, our customers can be assured that our products meet (and exceed) required standards for manufacturing medical device components.

**EXHIBITOR DESCRIPTIONS**

**PerkinElmer, Inc.**

Booth #: 801

[perkinelmer-appliedgenomics.com](http://perkinelmer-appliedgenomics.com)

PerkinElmer, Inc. offers automated solutions which improve the efficiency of genomic and proteomics workflows. With our nucleic acid isolation technology, liquid handlers, library preparation kits, automated nucleic acid and protein analysis systems, and solutions for single cell genetic analysis, PerkinElmer is eliminating the challenges associated with genomic and proteomic analysis.

**Personal Genome Diagnostics**

Booth #: 1102

[www.personalgenome.com](http://www.personalgenome.com)

Personal Genome Diagnostics (PGDx) is empowering the fight against cancer by unlocking actionable information from the genome. We are committed to developing a portfolio of regulated tissue-based and liquid biopsy genomic products for laboratories worldwide.

**Phase Genomics**

Booth #: 1524

[www.phasegenomics.com](http://www.phasegenomics.com)

Phase Genomics was founded with the mission of maximizing the impact of genomics on society. The cornerstone of our approach lies in a technology called proximity ligation, which enables unprecedented improvements in the depth and quality of information generated from DNA sequencing efforts. By continuously developing new genomic methods, we bring transformative change to research, industry, and the clinic.

**Pierian**

**CORPORATE PARTNER**

Booth #: 823

[www.pieriandx.com](http://www.pieriandx.com)

Pierian is a partner in precision medicine, enabling clinicians and medical facilities to advance clinical genomics programs and modernize patient care. With advanced interpretation technology connected to the most comprehensive genomic knowledgebase, Pierian empowers providers with genomic insights to fulfill the promise of precision care.

**Pillar Biosciences, Inc.**

Booth #: 839

[www.pillarbiosci.com](http://www.pillarbiosci.com)

As Leader of Decision Medicine™, Pillar develops and manufactures robust NGS assays that enable clinicians to make informed decisions on personalized, targeted therapies that will work best for individual cancer patients. Pillar's proprietary, AI-Driven technology platform equip pathologists with improved means to achieve accurate and actionable data within 48 hours, allowing physicians to select appropriate therapies and monitor patient's response.

**PreAnalytiX** 

Booth #: 1528

[www.preanalytix.com](http://www.preanalytix.com)

PreAnalytiX, a joint venture between BD and QIAGEN, develops, manufactures and sells integrated and standardized systems for collection, stabilization and purification of RNA, microRNA, DNA and cfDNA from blood, bone marrow and tissue specimens. PAXgene products integrate and standardize the collection, stabilization and purification of nucleic acids from human specimens to optimize the analysis of clinically relevant biomarkers.

**Precipio**

Booth #: 909

[www.precipiodx.com](http://www.precipiodx.com)

Precipio creates proprietary diagnostic products that help laboratories achieve faster and more efficient throughput, improve their economics, and most importantly, deliver superior diagnostic accuracy o patients and physicians.

**Precision System Science**

Booth #: 1626

[www.pssbio.com](http://www.pssbio.com)

Precision System Science, for over 20 years an OEM leader in automated, self-contained instrumentation meeting the rigors of today's IVD market. We provide clinical diagnostic laboratories with solutions for extraction, purification as well as versatile sample-to-answer instruments. Complete systems with user friendly software interface, consumables and reagents. Simple, fast solutions for improving the healthcare around the world.

## EXHIBITOR DESCRIPTIONS

**PRL (Pandemic Response Lab)**

Booth #: 601

[www.pandemicresponselab.com](http://www.pandemicresponselab.com)

Pandemic Response Lab, a wholly owned subsidiary of OpenTrons Labworks, Inc., launched in 2020 in response to the COVID-19 pandemic to address the pressing need to make rapid, accurate and low-cost testing equitably accessible to all populations. PRL also performs non-diagnostic, whole genome sequencing to detect and track SARS-CoV-2 variants and inform public and private health responses.

**Pro-Lab Diagnostics**

Booth #: 1004

[www.pro-lab-direct.com](http://www.pro-lab-direct.com)

Pro-Lab Diagnostics is a privately held corporation founded in 1974. Pro-Lab Diagnostics' mission is to deliver today, and research for tomorrow. This is accomplished through extensive onsite research and development, leading to the manufacture of high quality and cost effective immunodiagnostic reagents and molecular diagnostic solutions. Disciplines covered include Clinical Microbiology, Molecular with ProAmpRT, Instrumentation, Women's Health and much more.

**Promega Corporation**

Booth #: 1613

[www.promega.com](http://www.promega.com)

Promega is a leader in providing innovative solutions and technical support to the life sciences industry. The company's portfolio of over 4,000 products have grown in their application and are used by scientists and technicians for academic and government research, forensics, pharmaceuticals, clinical diagnostics and agricultural and environmental testing. Promega is headquartered in Wisconsin, USA with branches in 16 countries.

**Purigen Biosystems, Inc.**

Booth #: 1425

[www.purigenbio.com](http://www.purigenbio.com)

Purigen Biosystems' transformative Ionic Purification System provides a hands-free solution for extracting, enriching and quantifying DNA and RNA from biological samples. Our proprietary approach uses isotachopheresis (ITP), an electric-field-driven technique for purifying, focusing, and/or separating molecules of interest. The Ionic® Purification System is compatible with a range of samples including FFPE, tissue, and cells.

**Puritan Medical Products Co.**

Booth #: 1532

[www.puritanmedproducts.com](http://www.puritanmedproducts.com)

Puritan Medical Products has been producing single-use products since 1919. Puritan is the leading US manufacturer of tipped applicators and transport devices for clinical and diagnostic specimen collection. Intended for collection of bacterial, viral, fungal and molecular specimens, you will find fiber, foam, fabric and Puritan's patented PurFlock Ultra® and HydraFlock® flock swabs in the Puritan line. Made in USA.

**QIAGEN**

Booths #: 906 &amp; 1241

[www.qiagen.com](http://www.qiagen.com)

QIAGEN is known to more than 500,000 customers around the world for our innovation, engagement, integrity, quality and passion. Our mission is to deliver Sample to Insight solutions enabling QIAGEN customers to unlock valuable molecular insights faster, better and more efficiently — from the raw biological sample to the final interpreted result.

**Quantabio**

Booth #: 915

[www.quantabio.com](http://www.quantabio.com)

Quantabio is a leading provider of advanced DNA and RNA amplification reagents for the most demanding molecular testing applications in applied, translational and life science research. The Quantabio team leverages decades of experience in developing pioneering amplification technologies to deliver cutting-edge products to researchers focused on critical cloning, PCR, qPCR and Next-Generation Sequencing (NGS) based applications.

**ResearchDx**

Booth #: 1800

[www.researchdx.com](http://www.researchdx.com)

ResearchDx is the leading provider of Diagnostic Development Services. We build diagnostic assays for a multitude of applications, including Biomarker Discovery, Laboratory Developed Testing (LDT's), and in vitro Diagnostic Devices (IVD's). Additionally, we perform a wide array of diagnostic testing in our CAP/CLIA accredited and GxP compliant facility.

**EXHIBITOR DESCRIPTIONS**

**Rheonix, Inc.**

Booth #: 1429

[www.rheonix.com](http://www.rheonix.com)

The Rheonix Encompass Optimum™ workstation is a fully automated liquid handling system that now integrates and automates nucleic acid purification. Rheonix workstations, technologies, and multiplexed sample-to-answer molecular assays are used throughout the world in clinical, food safety and brewing industries.

**RhinoStics, Inc.**

Booth #: 901

[www.rhinoStics.com](http://www.rhinoStics.com)

RhinoStics is taking a radical approach to sample collection device design and function. Our automated and purpose-built Class I exempt sample collection devices are comfortable for use in the home or clinic and collect abundant sample. Labs working with blood, biomarker detection, respiratory disease, genomics, COVID-19, STDs, forensic, and more can gain consistent efficiencies while significantly reducing labor allocations.

**Roche**

**CORPORATE PARTNER**

Booth #: 1101

[diagnostics.roche.com](http://diagnostics.roche.com)

Roche provides innovative PCR and next generation sequencing-based solutions to empower your lab with flexible, scalable and integrated solutions. Our diverse portfolio for clinical diagnostics and research increases lab productivity and enables faster, more confident clinical decisions in virology, infectious diseases, sexually transmitted infections, women’s health, genomics, and oncology.

**Sampled**

Booth #: 1729

[www.sampled.com](http://www.sampled.com)

Sampled is a next-generation laboratory that unlocks the valuable data in any biological sample. Through our integrated “SMART Lab” services, we can Store, Manage, Analyze, Research and Transport biological materials, offering partners a seamless solution for all research samples. Our vision is a world where we make it faster and easier for health innovators to improve human health.

**SCHOTT MINIFAB**

Booth #: 605

[www.schott-minifab.com](http://www.schott-minifab.com)

SCHOTT MINIFAB is a world-leading provider of end-to-end solutions provider for development and high volume manufacturing of life science and diagnostics consumables and components. SCHOTT MINIFAB’s exceptional in-house design, science and engineering teams represent a unique combination of technologies, processes and expertise. SCHOTT MINIFAB is ISO 13485 and ISO 9001 certified with locations in the US, Europe and Australia.

**Seagen, Inc.**

Booth #: 1333

[www.seagen.com](http://www.seagen.com)

Seagen, Inc. discovers, develops and commercializes novel medicines for cancer.

**Seegene Technologies**

Booth #: 1603

[www.segenetech.com](http://www.segenetech.com)

Seegene Technologies, Inc. is the US based innovation division of Seegene Inc., a global developer of molecular technologies and high multiplex real-time PCR assays. Seegene molecular diagnostic solutions can simultaneously detect multiple targets with high accuracy for infectious diseases, respiratory infections and STDs. Seegene’s SARS-CoV-2- (COVID-19) Assay is FDA EUA.

**Singular Genomics**

Booth #: 1502

[www.singulargenomics.com](http://www.singulargenomics.com)

Singular Genomics is a life science technology company leveraging novel next generation sequencing (NGS) and multiomics technologies to build products that empower researchers and clinicians.

**SMC Corporation of America**

Booth #: 912

[www.smcusa.com](http://www.smcusa.com)

SMC offers technology in pneumatic components such as actuators; cylinders; directional control valves; airline preparation equipment; air dryers; fittings and tubing; electric actuators; static elimination; pressure switches; high purity chemical valves and fittings; process gas equipment and microfluidic valves. SMC’s global presence with manufacturing, sales and technical support in over 83 countries assures continuity of products and service.

## EXHIBITOR DESCRIPTIONS

**SoftGenetics, LLC**

Booth #: 1021

[www.softgenetics.com](http://www.softgenetics.com)

Featuring NextGENe software for analysis NGS data including Cell Free DNA, Variations – SNVs/Indels/Somatics/Structural/Copy Number and HLA; Geneticist Assistant NGS Workbench, knowledgebase for your samples and variant predictions; GeneMarker software with new Repeat Expansion (HTT, DMPK, ALS...) module; ChimerMarker, Chimerism Analysis software and Mutation Surveyor software for the analysis of Sanger Sequences. SoftGenetics is providing free trials of each program.

**SOPHiA GENETICS****CORPORATE PARTNER**

Booth #: 1120

[www.sophiagenetics.com](http://www.sophiagenetics.com)

SOPHiA GENETICS (Nasdaq: SOPH) is a healthcare technology company dedicated to establishing the practice of data-driven medicine as the standard of care and for life sciences research. It is the creator of the SOPHiA DDM™ Platform, a cloud-based SaaS platform capable of analyzing data and generating insights from complex multimodal data sets and different diagnostic modalities.

**Spectrum Solutions**

Booth #: 1540

[www.spectrumsolution.com](http://www.spectrumsolution.com)

We believe when you bridge the gap between science and real medical solutions you deliver innovation with the practical power to impact and change outcomes. Our expertise, validated products, and services are modernizing healthcare and pioneering multi-omic testing from direct-to-consumer (D2C) and diagnostics-as-a-service (DaaS) platforms, to patented saliva collection innovation, LDT and IVD test ideation, and clinical test commercialization.

**STEMCELL Technologies, Inc.** 

Booth #: 1733

[www.stemcell.com](http://www.stemcell.com)

STEMCELL Technologies offers cell isolation products to enhance the sensitivity of molecular assays for multiple myeloma, CLL, and other hematological malignancies by enriching for cells of interest. RoboSep™ automates immunomagnetic cell separation from whole blood or bone marrow and offers a true walk-away solution. RoboSep™ minimizes sample handling, eliminates cross-contamination, and reduces hands-on time — ideal for busy routine labs.

**Stilla Technologies** 

Booth #: 1630

[www.stillatechnologies.com](http://www.stillatechnologies.com)

Stilla Technologies is the multiplex digital PCR company transforming complex genomic data into actionable insights across a wide range of research and clinical applications including oncology, cell and gene therapies and infectious disease detection. Stilla's digital PCR solution, the naica® system, is the industry's first 6-color digital PCR system, providing the highest multiplexing and detection capacity available on the market.

**Streck**

Booth #: 913

[www.streck.com](http://www.streck.com)

Streck is an ISO-certified biotech company that develops and manufactures quality control and diagnostic products in hematology, immunology, molecular diagnostics, infectious diseases and urinalysis for clinical and research laboratories.

**Sysmex Inostics Inc.**

Booth #: 701

[www.sysmex-inostics.com](http://www.sysmex-inostics.com)

Sysmex Inostics, a subsidiary of Japan's Sysmex Corporation, is a Baltimore-based biotechnology firm and CLIA-certified lab whose innovative blood-testing services and technologies enhance every phase of a patient's journey. Our patented liquid biopsy technology, Plasma-Safe-SeqS is optimized to ensure the detection of low-frequency mutant molecules (< 0.03% MAF) without sacrificing specificity.

**SYSTAAQ Diagnostic Products**

Booth #: 1538

[www.systaaq.com](http://www.systaaq.com)

SYSTAAQ Diagnostic Products is one of the leaders in molecular diagnostics, offering a wide range of products and services in the field of molecular testing. Molecular products are manufactured under good manufacturing practices (GMP) and ISO 13485 Certification. The products are developed and released under the appropriate design control process and launched as per any country's specific regulatory requirements.

EXHIBITOR DESCRIPTIONS

**Takeda**

**CORPORATE PARTNER**

Booth #: 1321

[www.takedaoncology.com](http://www.takedaoncology.com)

At Takeda Oncology, we aspire to cure cancer, with inspiration from patients and innovation from everywhere.

**Tecan** 

Booth #: 1027

[www.tecan.com](http://www.tecan.com)

Tecan improves people's lives and health by empowering customers to scale healthcare innovation globally from life science to the clinic. Tecan is a pioneer and global leader in laboratory automation. As an original equipment manufacturer (OEM), Tecan is also a leader in developing and manufacturing OEM instruments, components and medical devices that are then distributed by partner companies.

**Tempus**

Booth #: 1110

[www.tempus.com](http://www.tempus.com)

Tempus is advancing precision medicine through the practical application of artificial intelligence in healthcare.

**The Jackson Laboratory**

Booth #: 940

[www.jax.org](http://www.jax.org)

The Jackson Laboratory is an independent, nonprofit biomedical research institution with a National Cancer Institute-designated Cancer Center, with facilities in Bar Harbor, ME, Sacramento, CA and a genomic medicine institute in Farmington, CT. Its mission is to discover precise genomic solutions for disease, empowering the global biomedical community in the shared quest to improve human health.

**The Pathologist**

Booth #: 1707

[www.thepathologist.com](http://www.thepathologist.com)

The Pathologist is a global magazine focused on pathology and laboratory medicine. We feature articles on all aspects of the field – news, views, personal profiles, practical tips and tricks, new and upcoming developments, training, education, and career development – with the aim of contributing meaningfully to the daily working life of laboratory medicine professionals.

**Thermo Fisher Scientific**

**CORPORATE PARTNER**

Booth #: 1308

[www.thermofisher.com](http://www.thermofisher.com)

Thermo Fisher Scientific is the world leader in serving science. Through our trusted Thermo Scientific, Applied Biosystems and Ion Torrent research and diagnostic solutions, services and support, we help molecular laboratories uncover and interpret relevant genetic insights across oncology, pharmacogenomics, and infectious disease areas using technologies such as next-generation sequencing, real-time PCR, Sanger sequencing, and bioinformatics.

**Torus Biosystems, Inc.**

Booth #: 942

[www.torus.bio](http://www.torus.bio)

Torus Biosystems, an upstart in molecular infectious disease diagnostics and life science tools, offers the Biota™ instrument and associated multiplex assay panels for research use only. Identify microbes and AMR genes in under 30 minutes to accelerate your research projects and advance innovation. Visit booth 942 for a demonstration!

**Truckee Applied Genomics, Inc.**

Booth #: 828

[www.tagreagents.com](http://www.tagreagents.com)

TAG develops proprietary reagents for molecular-diagnostic-grade DNA, RNA, proteins, and tissues to fuel the growth of precision medicine.

**Twist Bioscience**

Booth #: 1015

[www.twistbioscience.com](http://www.twistbioscience.com)

At Twist Bioscience, we work in service of people who are changing the world for the better. In fields such as medicine, agriculture, industrial chemicals and data storage, our unique silicon-based DNA Synthesis Platform provides precision at a scale that is otherwise unavailable to our customers.

**Ubiquitome Ltd.** 

Booth #: 1610

[www.ubiquitomebio.com](http://www.ubiquitomebio.com)

Stay ahead of the curve. Early. Fast. Open. Connected. Real time. All the real time PCR that you need.

## EXHIBITOR DESCRIPTIONS

**UgenTec, Inc.**

Booth #: 815

[www.ugentec.com](http://www.ugentec.com)

Smart sample-to-result software to automate your lab workflow. FastFinder tracks samples, manages assay menus, reduces manual steps, connects to instruments, ensures your assays are analyzed consistently, provides QC and LabOps dashboards, and cuts data analysis and result interpretation time in half. Talk to us about PCR, Serology, NGS and Mass Spec workflows, or get a live demo at AMP2022.

**Vela Diagnostics**

Booth #: 728

[www.veladx.com](http://www.veladx.com)

Vela Diagnostics is a leading provider of integrated molecular diagnostics solutions for infectious disease and oncology, leveraging Real-Time PCR and Next-Generation Sequencing technologies to address evolving testing needs of laboratories. Our highly-automated, sample-to-result solutions streamline the diagnostic testing workflow, offering greater laboratory efficiency and process optimization for laboratories of all sizes and throughputs.

**Veracyte, Inc.**

Booth #: 921

[www.veracyte.com](http://www.veracyte.com)

Veracyte is a global diagnostics company that empowers clinicians with high-value insights to guide and assure patients at pivotal moments in the race to diagnose and treat cancer. Our diagnostic tests are available in the U.S. through our central laboratories, and our exclusive license to a best-in-class diagnostics instrument (the nCounter Analysis System) positions us to reach patients worldwide.

**Watchmaker Genomics**

Booth #: 1033

[www.watchmakergenomics.com](http://www.watchmakergenomics.com)

Watchmaker Genomics is an early-stage life science company based in Boulder. We believe the intersection of biology, engineering and computer science presents exciting opportunities for developing novel technologies that promote research and improve human health. Watchmaker Genomics specializes in the design, development, and production of DNA- and RNA-modifying enzymes that enable high-growth applications in genomics, molecular diagnostics, and personalized medicine.

**XIFIN, Inc.**

Booth #: 1013

[www.xifin.com](http://www.xifin.com)

XIFIN is a healthcare information technology company that leverages diagnostic information to improve the quality and economics of healthcare. The company's cloud-based technology facilitates connectivity and workflow automation for accessing and sharing clinical and financial diagnostic data, linking healthcare stakeholders in the delivery and reimbursement of care.

**Xyall BV** 

Booth #: 1031

[www.xyall.com](http://www.xyall.com)

Xyall provides fully automated tissue dissection solutions to overcome the unmet needs in the current labor-intensive and error sensitive manual process. Xyall's solutions are based on unique technologies in the area of precision movement, medical robotics and image registration. A high throughput solution is developed for large molecular labs and a table-top solution is developed for hospital-based molecular pathology labs.

**Yale School of Public Health**

Booth #: 1601

[www.salivadirect.org](http://www.salivadirect.org)

The SalivaDirect Initiative at Yale School of Public Health advances its open-source PCR protocol, providing readily deployable, equitable testing solutions for sensitive detection of SARS-CoV-2. Over 7.1M tests have been administered by 190 laboratories nationwide. SalivaDirect also has been independently validated internationally in 12 countries. To adopt SalivaDirect in your lab visit <https://ysph.yale.edu/salivadirect/clinical-labs/how-do-i-get-authorized/> and start the simple designation process today!

**Yourgene Health** 

Booth #: 1628

[www.yourgene-health.com](http://www.yourgene-health.com)

Yourgene Health: a leading integrated technologies and services business, enabling the delivery of genomic medicine. Yourgene provides accurate molecular diagnostic solutions, for reproductive health, precision medicine and infectious diseases. Yourgene has a range of innovative DNA sample preparation platforms, powered by Ranger® Technology; LightBench® and LightBench® Detect — ideal for cell-free DNA applications in NIPT and oncology, including liquid biopsy.

**EXHIBITOR DESCRIPTIONS**

**YouSeq Ltd** 

Booth #: 1433

[www.youseq.com](http://www.youseq.com)

YouSeq is an expert organization, specializing in the design, development and manufacture of Next Generation Sequencing (NGS) kits, panels and reagents.

**ZeptoMetrix**

Booth #: 1020

[www.zeptometrix.com](http://www.zeptometrix.com)

ZeptoMetrix®, is an established industry leader in the design, development, and delivery of innovative, quality solutions to the ID Dx market. Our expertise and abilities in molecular diagnostics, including external quality controls, verification panels, proficiency panels, customized and OEM products/services have set the industry standard for performance and reliability; making ZeptoMetrix the preferred choice for independent third-party quality control materials.

**Zymo Research Corp.**

Booth #: 1520

[www.zymoresearch.com](http://www.zymoresearch.com)

Since 1994, Zymo Research has been offering innovative, quality and easy-to-use tools for nucleic acid purification and Epigenetics research. Our innovative products and services simplify complex processes while at the same time improving results. All of our products are supported by unparalleled customer support. Zymo Research — Innovation. Quality. Simplicity.







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