

30TH ANNIVERSARY

AMP2024
ANNUAL MEETING & EXPO

NOVEMBER 19-23, 2024
VANCOUVER
BRITISH COLUMBIA, CANADA

PROGRAM BOOK

 **AMP** ASSOCIATION
FOR MOLECULAR
PATHOLOGY

Your Lab, Our Tests

Enhancing Patient Outcomes with FDA Authorized
Kitted Tissue and Liquid Profiling Tests

PGDx elio™ tissue complete

FDA-cleared tissue solution with bioinformatics
Pan-solid tumors (>500 genes with TMB and MSI)

PGDx elio™ plasma focus Dx

FDA-authorized liquid biopsy with bioinformatics
Pan-solid tumors (33 genes)

Why choose our tests?

- ✓ Your samples, your data, your control
- ✓ Go live in as few as 6 weeks
- ✓ 5 days from extraction to report



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WELCOME TO THE 2024 ASSOCIATION FOR MOLECULAR PATHOLOGY ANNUAL MEETING & EXPO!

FROM THE 2024 PROGRAM COMMITTEE,

It has been a true pleasure to work alongside the members of the 2024 AMP Annual Meeting Program Committee and the AMP staff to put together this program that marks the 30th anniversary of our organization. We sought to use this opportunity to fully represent our membership as well as the current state of molecular diagnostics, while looking towards the future of our valued and rapidly advancing profession.

This year's meeting will continue to embody the spirit of the AMP community: engaging trainees and early career members, networking with colleagues, exchanging ideas and collaborating on projects and hearing about the latest advances in molecular diagnostics while interacting with our industry colleagues. Additionally, we welcome back the Reference Material Forum, GetAMPed, and the Corporate Workshop Day.

As requested by our membership, we feature a strong focus on artificial intelligence this year, with talks on standardization efforts for artificial intelligence and the role of the clinical laboratorian, and large language models in healthcare. We will also hear from experts on implementation of carrier screening, minimal residual disease in acute myeloid leukemia and lymphoid malignancies, laboratory automation, the Human Tumor Atlas Network, and the use of genomics to unravel viral associations with human cancer. In addition to these many sessions that will be sure to spark our scientific interests, we will also hear from numerous AMP Working Groups and Committees on timely topics relevant to the practice of clinical molecular diagnostics. Finally, during the Business Meeting, we will hear about the State of the Organization and honor Ronald M. Przygodzki and Eric Q. Konnick for their tireless leadership and service to AMP.

Although the Program Committee is proud of the agenda that we have assembled, we want to note that this is just a framework for the meeting itself. Our purpose is to inform, inspire, provoke and educate—the rest of the meeting is what you as attendees bring to it. With this in mind, we continue to offer workshops, lunches and other events that allow ample time for attendees, vendors, and presenters to

connect in person and learn from each other. These opportunities are just as valuable as formal presentations, and we encourage you to maximize this opportunity for professional engagement.

This meeting would not have been possible without the hard work and dedication of the 2024 Program Committee and the AMP staff. I would like to express my sincere gratitude to our 2024 Program Committee members: Honey Reddi and Stuart Scott (Genetics), Craig Soderquist and Amir Behdad (Hematopathology), Heba Mostafa and Ryan Relich (Infectious Diseases), Julie Hirschhorn and Heather Blankenship (Informatics), Deepika Sirohi and Arivarasan Karunamurthy (Solid Tumors), and Tracy McMillen and Tessara Baldi (Technical Topics) for their tireless efforts in putting together this amazing program. I would also like to thank Chair-Elect Somak Roy for his wisdom and support—next year’s meeting is undoubtedly in great hands.

In addition, the annual meeting, as well as all the advocacy, education, practice guidelines, corporate sponsorship and many more programs and initiatives that make AMP so successful, would not be possible without the hard work of the AMP staff and Chief Executive Officer: Eriko Clements, Jocelyn Friedrich, Amber Fussell, Sara Hamilton, Angela Hopp, Rhonda Jenkins, Danielle Jordan, Crystal Oliveto, Samantha Pettersen, Christal Ralph, Jacob Ruden, Annie Scrimenti, Ali Silver, Robyn Temple-Smolkin, Michele Zink and Laurie Menser.



On behalf of the entire 2024 Program Committee team, I would like to welcome you to the 2024 AMP Annual Meeting. We are very excited to see you in Vancouver and are committed to ensuring a very enjoyable and educational meeting.

Best,

Jonathan A. Nowak, MD, PhD
2024 Program Committee Chair

AMP 2025

MOLECULAR GENETIC PATHOLOGY

VIRTUAL REVIEW COURSE

May 12-16, 2025



Topics covered include:

- Molecular Technologies and Lab Methods
- NGS Platforms and Informatics
- Variant Interpretation
- Identity Testing
- Test Validation, Statistics, and Bayes' Theorem
- HLA Transplant Testing
- Cytogenetics
- Inherited Conditions
- Molecular Oncology
- Pharmacogenomics
- Molecular Hematopathology
- Infectious Diseases
- Lab Management and Lab Finances

Course Director:

Valentina Nardi, MD, Massachusetts General Hospital

The objectives of the AMP MGP Review Course are:

To assist attendees in preparing for the MGP Subspecialty Certification Exam (offered jointly by the American Board of Pathology and the American Board of Medical Genetics), as well as other certification exams in molecular pathology and molecular genetics, and to enhance understanding of basic and applied molecular pathology knowledge of both fundamental and applied molecular pathology.

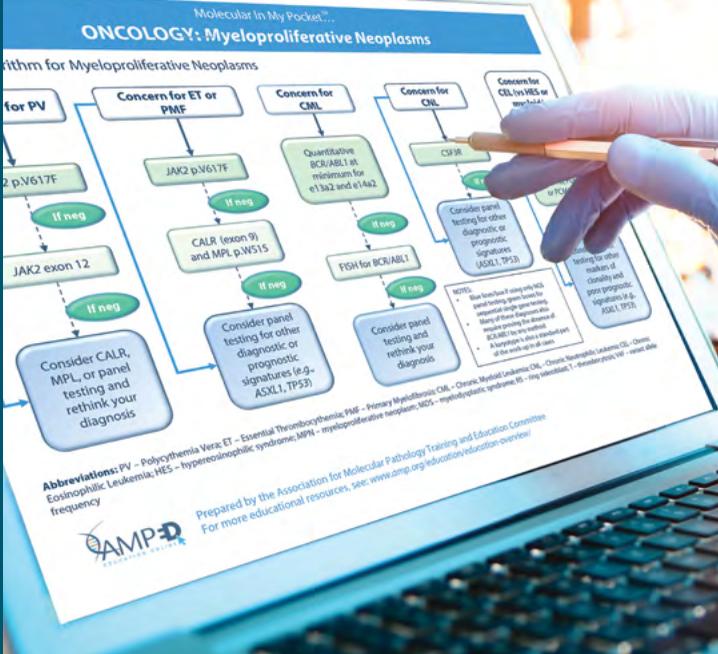
Target Audience:

- Those preparing for relevant certification exams including but not limited to MGP, LGG, ABCC, or ABB exams*
- Those seeking institutional credentialing
- People who are seeking a refresher in molecular pathology core concepts.

www.amp.org/MGP

** DISCLAIMER: AMP makes no guarantee or assurances that completion of its courses or participation in any educational activity will in any manner ensure a passing score on any certification examination or activity post-test, or achievement of certification status. The AMP Molecular Genetic Pathology review course is an educational program provided by the Association for Molecular Pathology, (AMP) and is not sponsored or endorsed by the American Board of Pathology (ABP) or the American Board of Medical Genetics (ABMG) or other certifying bodies.*

GENERAL INFORMATION



MOLECULAR POCKET CARDS

The AMP Training and Education Committee has produced a series of quick reference cards for trainees, laboratory professionals, and clinicians looking to quickly reference molecular diagnostics information. The AMP “Molecular In My Pocket™” Series is regularly adding new cards that cover new and timely topics.

They are available for free download at: www.amp.org/PocketGuides

Topics Include:

- Acute Myeloid Leukemia
- Bone and Soft Tissue Tumors
- Breast Cancer
- Colorectal Cancer
- Cutaneous Melanomas
- Establishing a Molecular Laboratory - Best Practices Around the Globe
- Hematopathology
- Infectious Diseases
- Informatics – Basic File Formats Part I & II
- Informatics – Interpretation Databases
- Inherited Conditions
- Interpretation of Genomic Assays
- Key Elements for Effective Reporting of Molecular Diagnostic Tests
- Lung Cancer
- Myeloproliferative Neoplasms
- NSCLC Test Ordering & Small Specimen Processing
- Ovarian Cancer
- Pediatric Brain Tumors
- Pediatric Soft Tissue Tumors
- Pediatric Solid Tumors
- Plasma Cell Neoplasms
- Solid Tumors
- Thyroid Cancer
- Tumors of the Central Nervous System

For more AMP Educational Offerings visit: educate.amp.org



AMP EVENTS

ASSUMPTION OF RISK & CODE OF CONDUCT

ASSUMPTION OF RISK

By registering for and attending the Association for Molecular Pathology (AMP) 2024 Annual Meeting & Expo and its various sessions and activities (“Events”), you acknowledge that 1) your travel and participation involves the risk of exposure to communicable diseases and to your health and safety from other causes, and 2) your participation and attendance at the events is voluntary, with knowledge of the risks involved. In consideration for being permitted by AMP to participate in and attend the Events, you forever release from liability and waive all claims against AMP, its directors, officers, and employees, from and against any and all damages, liability, claims, and expenses arising from my participation in or presence at the Events, whether directly connected to the Events or not. This release includes, without limitation, any claims in connection with any exposure, infection, and/or spread of COVID-19 or other communicable diseases.

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, vendors, contractors, guests, and exhibitors to comply with all applicable laws, regulations, and policies, and 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, messages, posts on digital platforms, 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, vendors, contractors, 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 holds its collegial community in high value. Do your part to give everyone you encounter an enjoyable experience, so they remember you and the event favorably.
- Exercise consideration and respect in your speech, written text, and actions.
- Abstain from all demeaning, discriminatory, or harassing behavior and language when communicating with others.
- Respect the fact that slides and posters (electronic or hard-copy) may include unpublished work so if a speaker or author requests that slides or posters not be photographed, recorded, shared, or copied, comply.
- Do not record presentations without the express permission of the presenter(s) and AMP. Speakers' slides and materials and recorded sessions are often available after the event. If you obtain permission, place your recording device, e.g., phone, such that it does not interfere with another attendee.
- Registration is for individual access. Do not share your badge or platform login or broadcast the event unless authorized by AMP.
- 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

Unacceptable Behaviors at AMP Events Include:

- Intimidating, harassing, abusive, discriminatory, derogatory or demeaning speech, written text, 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, posts on digital platforms, and exhibit booths
- Intimidation in any form.

- Unwelcome or uninvited attention or contact, including following/stalking
- Real or implied threat of harm of any type, including physical, professional, or financial
- Retaining, by any means, slides, presentations, or posters when the presenter/author requests “no photography” or otherwise indicates this directive.
- Disruption of sessions or other events
- Failure to follow the directives of the session moderators or AMP Staff.

What to Do If You Observe or Experience Behavior that Violates this Code of Conduct:

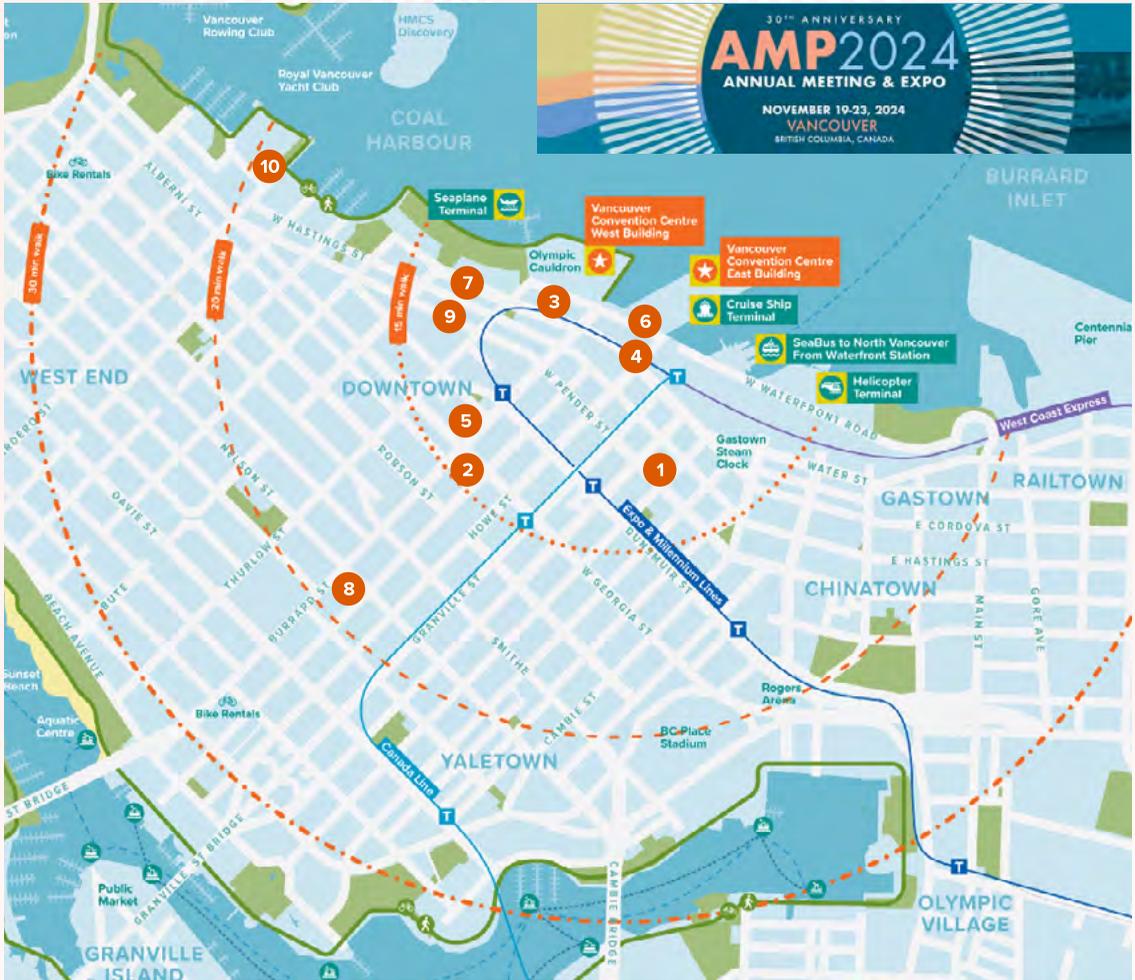
Please contact the nearest AMP or Security Staff. All reports will be kept confidential to the extent possible while allowing for effective investigation and response. If you believe the situation is an emergency, call 911.

AMP Staff will help participants contact relevant authorities, and otherwise assist those experiencing conduct that violates this Code of Conduct. We value your participation with AMP and want your experience to be professionally rewarding and personally enjoyable.

Please view the full policy here:

<https://www.amp.org/AMP/assets/AMPCodeofConductFINAL2023.pdf>.

DOWNTOWN VANCOUVER MAP



- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Downtown Suites 2. Fairmont Hotel Vancouver 3. Fairmont Pacific Rim 4. Fairmont Waterfront 5. Hyatt Regency Vancouver 6. Pan Pacific Vancouver | <ol style="list-style-type: none"> 7. Pinnacle Hotel Vancouver Harbourfront 8. Sheraton Vancouver Wall Centre 9. Vancouver Marriott Pinnacle Downtown 10. The Westin Bayshore |
|--|---|

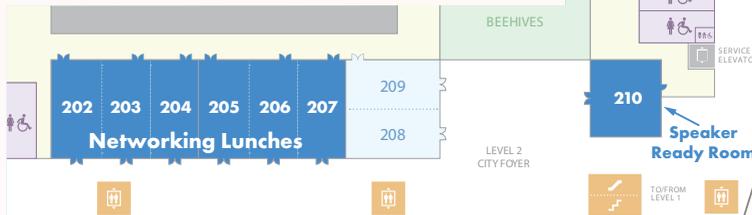
- Under 15 Minute Walk
- Under 20 Minute Walk
- . - . - Under 30 Minute Walk

VANCOUVER CONVENTION CENTRE, WEST BUILDING MAP

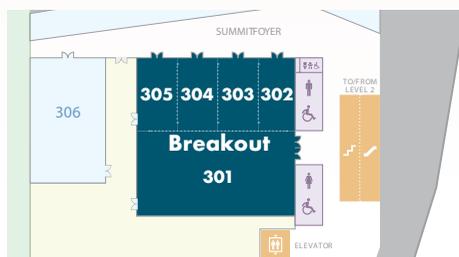
LEVEL 1



LEVEL 2

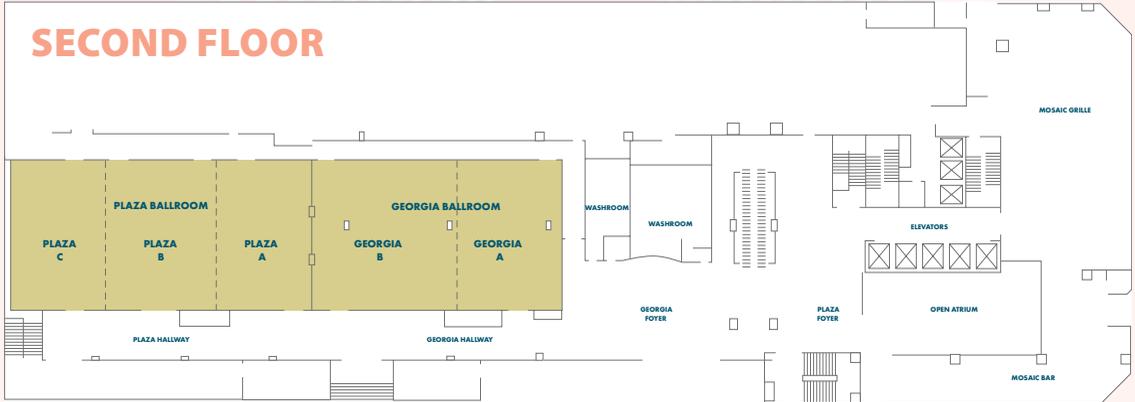


LEVEL 3

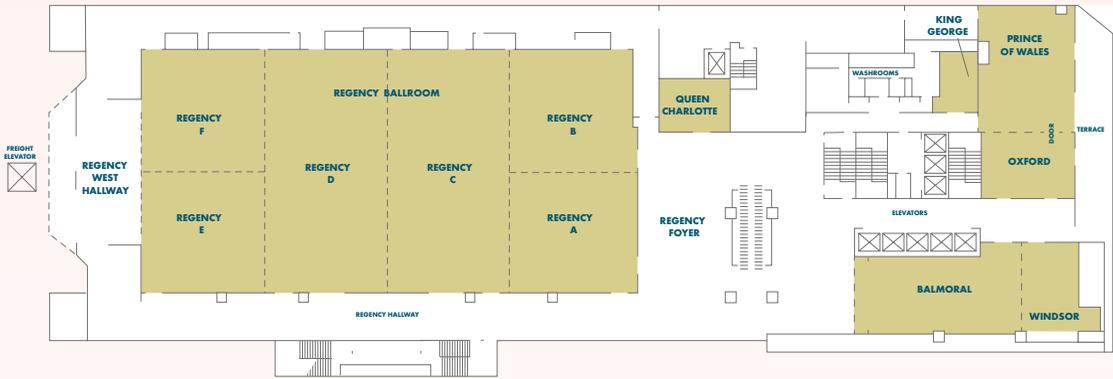


HYATT REGENCY (HQ HOTEL) MAP

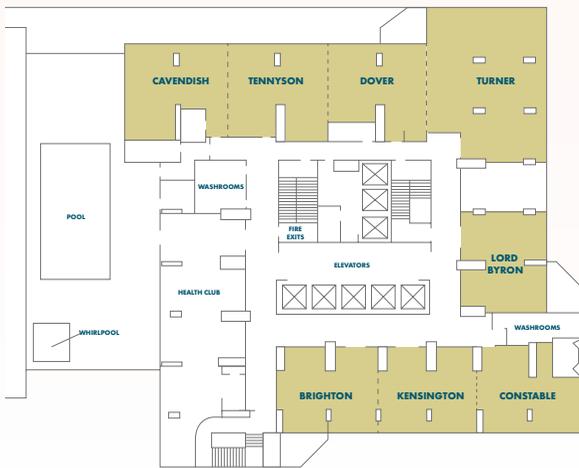
SECOND FLOOR



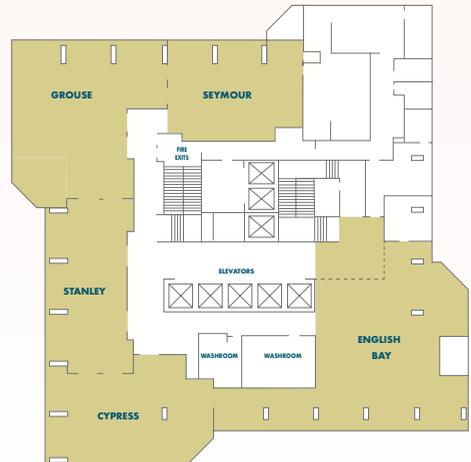
THIRD FLOOR



FOURTH FLOOR



34TH FLOOR



HIGHLIGHTS & GENERAL INFORMATION

ATTENDEE/EXHIBITOR REGISTRATION DESK HOURS

(Convention Center, Foyer, Level 1)

Tuesday, November 19	2:00pm – 6:00pm
Wednesday, November 20	7:00am – 5:00pm
Thursday, November 21	7:00am – 5:00pm
Friday, November 22	7:00am – 5:00pm
Saturday, November 23	7:30am – 2:00pm

EXPO HALL HOUR

(Convention Center, Expo Halls ABC, Exhibition Level)

Thursday, November 21	11:15am – 7:00pm; 6:00pm - 7:00pm (Welcome Reception in the Expo Hall)
Friday, November 22	9:00am – 4:00pm (Appointment only demos 4:00pm – 5:00pm*)
Saturday, November 23	9:00am – 1:30pm (Appointment only demos 8:00am – 9:00am*)

*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 Expo Hall hours.

MOBILE APP

The AMP 2024 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 **Exact Sciences, Hamilton Company, OGT and Seegene** for their generous support of the AMP Mobile App. Please go to <https://amp24.amp.org/program/mobile-app/> or more information or just scan the QR code to download it now!



SPECIAL EVENTS/PROGRAM INFORMATION

Scavenger Hunt (NEW!)

Light up the Leaderboard! Complete as many scavenger hunt questions as possible and see your name rise to the top! You will find scavenger hunt QR Codes to scan throughout the Expo Hall. Play to win - the top 3 attendees will receive their choice of complimentary registration to the AMP 2025 Annual Meeting & Expo OR a \$250 Amazon gift card which will be announced on Saturday, November 23rd at 1:10pm on Innovation Spotlight Stage 1 in the Expo Hall. *Note: You will need to download the Mobile App (see QR Code on the previous page to download).*

Welcome Reception

Please join us for the Welcome Reception in the Expo Hall, immediately following the scientific Program on Thursday, November 21st 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.

Trainee Networking Happy Hour

Sponsored by the Jeffrey A. Kant Leadership Award Fund, this event is your chance to connect with other AMP trainees over great food and drinks at a local Vancouver bar. Head on over to Mahony's Tavern | Convention Centre (1055 Canada Pl #36, Vancouver, BC V6C 0C3) after the Welcome Reception – all trainees are welcome! If you are registered for the Annual Meeting as a trainee, you will receive a drink ticket for this event as part of your badge sheet at check-in.

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!

Membership Affairs Committee Networking Session: How to Get involved with AMP

Do you want to be more involved with AMP? Curious about what the committees actually do and how to get into one? Representatives from AMP committees will give you the inside scoop on what they do, and what they look for in application candidates. Please join the Membership Affairs Committee for this exciting session and snacks on Friday November 22nd from 3:00pm-3:45pm in the General Lunch Area (entrance through the right side of the Expo Hall).

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 2024 Program Committee has carefully examined the scientific program and identified seven paths that will direct you to sessions based on your favored area of interest.

2024 Meeting Paths Key:

- **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 Tab on the Mobile App to find sessions included on your preferred Path.

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 details on Page 60, the Online Program or Mobile App.

Business & Awards Session

AMP invites all Meeting Attendees to attend the AMP Business & Awards Session on Friday, November 22nd 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 22nd at 7:00pm at the Hyatt Regency Hotel in the Regency Ballroom. 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.

GENERAL INFORMATION

AMP Membership

AMP is Global! With members from more than 70 (excluding the USA) countries and meeting attendees from around the world. Whether you are a medical professional, patient, or interested member of industry, molecular diagnostics is a central part of health care. As technologies evolve and new discoveries emerge, AMP remains the keystone of the molecular diagnostics community. Find out more about the benefits of AMP membership at <https://www.amp.org/membership/join-renew/>

Attendee Badges

Name badges are required for admittance to all scientific sessions, expo hall, meals 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.

Business Center

There is not a Business Center at the Vancouver Convention Centre. We are listing a few options below; however, we recommend you look online to determine the best option for your needs.

- **FedEx Authorized ShipCentre:** 128 - 1050 W Pender St, Vancouver, BC V6E3S7
- **The UPS Store:** Sinclair Ctr, 757 W Hastings St Rm 142, Vancouver, BC V6C 1A1
- **Staples – Royal Centre Mall (Under the Hyatt Regency):** 1055 W Georgia St Unit 220, Vancouver, BC V6C 2R7

Childcare Services

There are not onsite Childcare Services offered for attendees/exhibitors. Please go to the Meeting Management Office (Ballroom Show Office) for information on local contacts.

Disclaimer: AMP is not responsible for the services provided by any recommended companies.

City Information – Vancouver

From colorful downtown neighborhoods, to culturally diverse suburbs and mountainside districts, there's plenty to explore in downtown Vancouver and beyond! Visit <https://www.destinationvancouver.com> find more to do.

Consent to Use of Photographic Images/Contact Information

Registration for and attendance at the AMP 2024 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 2024 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 (CMLE) for non-physicians. Refer to the "Continuing Education" section for more information.

Dining Options

Vancouver has a wide range of food options available for meeting attendees near the Convention Center. Find more information on local dining online at Restaurants in Vancouver: <https://www.destinationvancouver.com/restaurants/>

Please see below for meals included in attendee registration.

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. Please refer to the Expo Information section of the Program Book, Page 57 for a full listing of exhibiting companies at this year's Annual Meeting. Additionally, we are excited to highlight international companies, new exhibiting companies, and exhibitors who have earned supplier diversity certifications and have been selected for special designation in the exhibitor listing and information can be found on page 62.

First Aid & Medical Emergencies

In the event of a medical emergency, the Vancouver Convention Centre (1055 Canada Place) fully trained first aid attendants are the first responders in a coordinated procedure with the City's fire and emergency agencies. Dial 7500 from any Vancouver Convention Centre house phone, or alert any Vancouver Convention Centre staff of the need for emergency first aid. Calls can be made from an outside line or cell phone by dialing 604-647-7500. The first aid attendants will respond immediately and will further contact external emergency agencies as needed.

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 non-personalized guest badges for use during the event. Exhibitors are responsible for coordinating, issuing, and providing badges to their 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.

Internet

Complimentary Wireless Internet is available in all of the session rooms, lobby/public spaces of the Convention Center. AMP thanks **Johnson and Johnson** for their generous support of the AMP Wi-Fi Network. Please note, Wi-Fi is not available in the Expo Hall. Login information is available in the Registration area.

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.

Coat & Bag Check Hours

A coat and bag 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: Rooms 101 & 102, Level 1

Wednesday, November 20	7:30am – 5:30pm
Thursday, November 21	8:00am – 7:00pm
Friday, November 22	6:45am – 6:30pm
Saturday, November 23	8:00am – 5:00pm

Meals (Lunch & Coffee Breaks)

General Lunches are open to all AMP 2024 Annual Meeting & Expo registered attendees. The General Lunches will be held in the Expo Hall (Convention Center, Halls ABC, Exhibition Level) and can be accessed in the designated entrance on the right side of the Expo Hall. Exhibitors are encouraged to grab lunch onsite or at one of the local venues just outside the convention center.

Networking Lunches are open to all AMP 2024 Annual Meeting & Expo registered attendees. 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.

Coffee Breaks are offered throughout the event in designated areas of the Expo Hall. *Please check the Program Schedule (Website & Mobile App) for times and location.*

News Room

The News Room is available for all qualified print, online, and broadcast news media outlets. Visit <https://amp24.amp.org/media/media-information/> for more information or contact Andy Noble (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 108, Level 1

Thursday, November 21	8:00am – 4:30pm
Friday, November 22	8:00am – 4:30pm
Saturday, November 23	8:00am – 12:00pm

Nursing Mothers

A Nursing Room is available for Annual Meeting attendees and is located next to the First Aid Office and near Room 101 (Level 1). Should you need any assistance, please contact a Guest Services Representative. There is a refrigerator in the First Aid Office next door, follow the instructions within the room.

Parking

Parking is available to visitors on a first-come, first-served basis. The Vancouver Convention Centre parking garage is located at Parking at 1055 Canada Place (West Building). You can enter off of Canada Place, ½ block west of the Burrard Street intersection on the right-hand side. Please visit the website for rates and additional information on Impark who manages the garage:

<https://www.vancouverconventioncentre.com/visiting/parking>.

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.

Session Recordings & Speaker Presentation Slides

Attendees who purchased the "ON DEMAND ADD-ON" will have access to all the recorded sessions and speaker presentation slides, so that you can review presentations or get content from the sessions you may have missed. Recordings will be available in January 2025 for 3 years! Information about accessing the information will be sent directly to those attendees once it is available.

If you missed the opportunity to take advantage of our special pricing for attendees and are interested in access to recordings/slides from the Annual Meeting, please stop by the Registration Desk and ask AMP Staff about how to add this to your registration. The option to purchase the "ON DEMAND ADD-ON" for \$99 is available EXCLUSIVELY to meeting registrants.

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 210, Level 2. 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

Wednesday, November 20	12:00pm - 5:00pm
Thursday, November 21	7:30am - 5:00pm
Friday, November 22	6:30am - 5:00pm
Saturday, November 23	7:30am - 4:00pm

Sustainability Matters

As you navigate the event, we encourage you to think sustainably when disposing of items while at the Vancouver Convention Centre. Every small action counts! Please utilize our designated recycling and compost bins to minimize waste. Together, we can make a positive impact on our environment and set a standard for future events. Thank you for doing your part in creating a greener, more sustainable community!



As you depart the meeting for the last time, please recycle your badge and lanyard in the designated bins.

ABSTRACT & POSTER/EPOSTER INFORMATION

ABSTRACT INFORMATION

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\(24\)X0003-3](https://www.jmdjournal.org/issue/S1525-1578(24)X0003-3)



EPOSTER INFORMATION

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 ePosters/Posters.

More information available on the AMP 2024 website:

<https://amp24.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 Vancouver Convention Centre, Expo Hall for the duration of the event.
- Poster set-up is Thursday, November 21, 7:30am - 9:15am. All posters must remain on display through 1:00pm, Saturday, November 23.

ABSTRACT & POSTER/EPOSTER INFORMATION

- Posters are listed in sequence by category and number in the following format:

Poster Number	Abstract Title
	<i>First Author's Name</i>

- Key to poster categories:

G = Genetics	I = Informatics
H = Hematopathology	O = Other
ID = Infectious Diseases	ST = Solid Tumors
TT = Technical Topics	

- 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.
- All Award Applicants must attend their posters on Thursday, November 21, 3:30pm – 5:00pm for interviews with members of the poster reviewing committees. Award applicants are required to stand at their poster until 5:15pm.
- 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 22, 9:15am – 10:15am
 - Odd-numbered posters must be attended on Saturday, November 23, 9:15am – 10:15am
 - 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 23, 1:00pm-1:30pm. Posters remaining past 1:30pm will be removed and discarded.
- Please note that poster-viewing is not eligible for Continuing Education credit.



AMP AWARD FOR EXCELLENCE

IN MOLECULAR DIAGNOSTICS 2024



Atul Butte, MD, PhD

University of California, San Francisco (UCSF)
San Francisco, CA, USA



JEFFREY A. KANT LEADERSHIP AWARD 2024

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



Ronald M. Przygodzki, MD

US Department of Veterans Affairs, Office of Research and Development,
Washington, DC, USA



AMP MERITORIOUS SERVICE AWARD 2024



Eric Q. Konnick, MD, MS, FCAP

University of Washington
Seattle, WA, USA



TRAVEL AWARDS 2024

AMP Technologist Travel Awards

Laura Garcia Alanis
The American British
Cowdray Medical Center
Mexico City, Mexico

Shauna Eccles
Intermountain Health
Riverton, UT, USA

Esmeralda Kennedy
Children's Mercy Hospital
Roeland Park, KS, USA

International Trainee Travel Awards

A. Humerya Dur Karasyar
Koc University
Istanbul, Turkey

Ifeoluwa Hephizibah Ojelabi
Obafemi Awolowo
University Teaching Hospital
Ile-ife, Osun State, Nigeria

Rohini Sebastian
Christian Medical College
Thrissur, Kerala, India

US Based Trainee Travel Awards

Moyosore Awobajo-Otesanya, MD
University of Texas
Health Science Center at San Antonio
San Antonio, TX, USA

Emily Davis
Ohio University
Athens, OH, USA

Aleksandar Krbanjevic, MD, PhD
Vanderbilt University Medical Center
Nashville, TN, USA

Underrepresented in Medicine Travel Award

Pamela Robertson
Broad Institute of MIT and Harvard
Cambridge, MA, USA



Molecular in a Minute

AMP Microlearning from The Association for Molecular Pathology

AMP MOLECULAR IN A MINUTE: MICRO-LEARNING MODULES IN MOLECULAR PATHOLOGY

If you have 10-15 minutes, check out the Association for Molecular Pathology's new microlearning modules and Molecular Pathology Competency Series, targeted to busy practicing laboratory professionals. These short presentations cover core or advanced concepts in a particular area of laboratory training. This content addresses specific advances in training, technology, and laboratory operations and acts as review and/or updates in important principles for laboratorians over the full arc of their careers.

Explore topics including:

- Testing Modalities for Structural Variants
- The Role of RNA Sequencing in Interpreting Splice Variants
- Hybrid Capture vs. Amplicon Based NGS
- Identification of Mismatch Repair Deficiency by Next-Generation Sequencing
- Measurement of Tumor Mutational Burden
- Biomarkers for Immunotherapy
- Biomarkers for Immunotherapy
- Germline / Somatic Variants
- Lymphoid Clonality Testing
- Fluorescence in Situ Hybridization (FISH): Methodology and Clinical Utility
- Fusion Detection by Next Generation Sequencing Using RNA
- Quantitative PCR
- PCR and Sanger Sequencing
- Detection of a Cryptic Gene Fusion in a B-ALL



Watch Now at: AMP.org/MolecularMinute





CONTINUING EDUCATION

AMP2025

ANNUAL MEETING & EXPO

NOVEMBER 11-15, 2025

BOSTON CONVENTION AND EXHIBITION CENTER
BOSTON, MA, 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 2024 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 by clicking this link or scanning the QR code: https://www.amp.org/amp24/assets/2024_Annual_Meeting_Summary_Report.pdf



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 **16.50 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 16.50 CMLE credits. ASCP CMLE credits are acceptable to meet the continuing education requirement for the ASCP Board of Registry Certification Maintenance Program.



Emerging & Evolving Biomarkers:

RECENT FINDINGS, LABORATORY CONSIDERATIONS, AND CLINICAL IMPLICATIONS

Explore extraordinary advancements in cancer biomarker testing free and at your own pace. Micro-learning modules and CE-eligible webinars now available at **AMP.org/EEB**



Learn about these and other biomarkers in our ongoing virtual education series:

EGFR Exon 20 Insertions

Speaker: Eric Vail, MD

ERBB2 (HER2) in Colorectal Cancer

Speaker: Sinchita Roy-Chowdhuri, MD, PhD

FLT 3 Mutations and AML

Speaker: Mark Levis, MD, PhD

Immunoglobulin & T-cell Receptor Gene Sequencing

Speaker: Rena Xian, MD

KRAS

Speaker: Craig Mackinnon, MD, PhD

HRD Score

Speaker: Melinda Telli, MD

METex14

Speaker: Nikoletta Sidiropoulos, MD

Methylation Profiling

Speaker: Brent Orr, MD, PhD

MGMT

Speaker: Tejus Bale, MD, PhD

Microsatellite Instability (MSI) Testing for Cancer

Speaker: Sameek Roychowdhury, MD, PhD

Mutational Signatures in Cancer

Speaker: Fei Dong, MD

Myeloid Malignancy MRD

Speaker: David Wu, MD, PhD

NRG1 Fusions

Speaker: Stephen Liu, MD

NTRK

Speaker: Lynette M. Sholl, MD

Oncogenic RET Fusions

Speaker: Soo-Ryum Yang, MD

TP53 Mutations in Myeloid Neoplasms

Speaker: Robert Hasserjian, MD



CELLECTA

TCR / BCR Profiling for Target Discovery & Validation. Your New Superpower.

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Cell or Animal Models
Biological Samples



YOUR BRIDGE TO DISCOVERY

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- DriverMap™ Targeted RNA-Seq Expression Profiling
- DriverMap™ Adaptive Immune Receptor Profiling
- CloneTracker™ Barcode Libraries

YOUR RESULTS
Functionally Important Genes
& Biomarkers



Join us and learn

CORPORATE WORKSHOP Wednesday, November 20 from 2:00 - 2:50 pm in Room 208

TCR & BCR Repertoire Profiling, Functional Screens & Other Approaches for Drug Target & Biomarker Identification & Validation

INNOVATION SPOTLIGHT Thursday, November 21 from 6:15 - 6:45 pm at Innovation Spotlight Stage 2

Advances in Adaptive Immune Receptor (AIR) Profiling to Accelerate Drug Target Identification and Validation and Biomarker Discovery

Paul Diehl, Ph.D.
Chief Operating Officer
Cellecta, Inc

Alex Chenchik, Ph.D.
President & Chief Scientific Officer
Cellecta Inc

See us at Booth 1419 and see our posters at [Cellecta.com/amp2024](https://www.cellecta.com/amp2024)

Real expertise delivering superpowered results.

Who we are

Cellecta is a leading provider of genomic products and services. Our functional genomics portfolio includes loss-of-function and gain-of-function screening services, custom and off-the-shelf CRISPR libraries and transcriptome profiling products and services and much more.

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Mountain View, CA 94043 USA

MEETING-AT-A-GLANCE CHART

	Thursday, 11/21/24	Friday, 11/22/24	Saturday, 11/23/24	
MORNING	7:00 – 7:30			
	7:30 – 8:00	Case Study Presentations		
	8:00 – 8:15	Break		
	8:15 – 8:30			
	8:30 – 8:45	Plenary Session	Plenary Session	
	8:45 – 9:00			
	9:00 – 9:15			
	9:15 – 9:30			
	9:30 – 9:40	Opening Remarks	Visit the Exhibits, AMP Central & Posters (Even-numbered Posters)	Visit the Exhibits, AMP Central & Posters (Odd-numbered Posters)
	9:40 – 9:45	Award for Excellence Recognition		
9:45 – 10:00	"30 Years of Excellence"			
10:00 – 10:15	Break			
10:15 – 10:30	Breakout Sessions	Breakout Sessions	Breakout Sessions	
10:30 – 11:00				
11:00 – 11:30				
11:30 – 11:45				
11:45 – 12:00	Lunch	Lunch	Lunch	
AFTERNOON	12:00 – 12:30			
	12:30 – 1:00			
	1:00 – 1:15			
	1:15 – 1:30	Plenary Session	Breakout Sessions	Working Group & Platform Presentations
	1:30 – 1:45			
	1:45 – 2:00			
	2:00 – 2:15			
	2:15 – 2:30	Break		Break
	2:30 – 2:45	Working Group & Platform Presentations	Visit the Exhibits, AMP Central & Posters	Breakout Sessions
	2:45 – 3:00			
	3:00 – 3:15			
	3:15 – 3:30	Visit the Exhibits, AMP Central & Posters (Award Judging & General Viewing)	Plenary Session	Break
	3:30 – 3:45			
	3:45 – 4:00			
4:00 – 4:15				
4:15 – 4:30				
4:30 – 5:00			Plenary Session	
5:00 – 5:15	Plenary Session	Break		
5:15 – 5:30		Business Meeting & Award Session	Closing Remarks	
5:30 – 6:00				
6:00 – 6:30	Welcome Reception			
6:30 – 7:00				
7:00 – 7:30		Amazing Molecular Party Social Event		
7:30 – 10:30				

MEETING-AT-A-GLANCE LISTING

Note: All events are at the Vancouver Convention Centre West Building, unless otherwise noted.

TUESDAY, NOVEMBER 19, 2024

9:30 am – 4:30 pm	Reference Material (RM) Forum (Separate Registration)	Hyatt Regency, Regency Ballroom AB
2:00 pm – 6:00 pm	Attendee, Speaker and Exhibitor Registration and Check-In	Foyer, Level 1

WEDNESDAY, NOVEMBER 20, 2024

7:00 am – 5:00 pm	Attendee, Speaker, and Exhibitor Registration and Check-In	Foyer, Level 1
7:30 am – 5:30 pm	Coat & Bag Check	101 & 102, Level 1
7:30 am – 11:30 am	Board of Directors Meeting (Invitation Only)	Hyatt Regency (HQ Hotel)
8:00 am – 6:15 pm	Corporate Workshops	Various Rooms
8:00 am – 11:30 am	GetAMPed! Morning Session (Separate Registration)	Hyatt Regency (HQ Hotel), Regency Ballroom AB
12:30 pm – 4:00 pm	GetAMPed! Afternoon Session (Separate Registration)	Hyatt Regency (HQ Hotel), Regency Ballroom AB
2:00 pm – 5:30 pm	AMP Committee Meetings (Invitation Only)	Hyatt Regency (HQ Hotel)
2:00 pm – 4:00 pm	JMD Editorial Board Meeting (Invitation Only)	Hyatt Regency (HQ Hotel), Plaza Ballroom B
5:15 pm – 6:15 pm	Fireside Chat: LDT Compliance in an Uncertain Environment	211, Level 2
5:30 pm – 6:30 pm	Volunteer Appreciation Reception (Invitation Only)	Hyatt Regency (HQ Hotel), Grouse

MEETING-AT-A-GLANCE LISTING

THURSDAY, NOVEMBER 21, 2024

7:00 am – 5:00 pm	Attendee, Speaker and Exhibitor Registration and Check-In	Foyer, Level 1
7:30 am – 9:15 am	Poster Set-Up	Expo Hall
8:00 am – 7:00 pm	Coat & Bag Check	101 & 102, Level 1
8:15 am – 9:15 am	Curated Resource List for Training and Continuing Education in Molecular Pathology (A Special EdCop Event)	109 & 110, Level 1

Speakers: Thomas Lee, Yang Cao, PhD, Washington University in St. Louis, St Louis, MO, USA
Lulu Sun, MD, PhD, Washington University in St. Louis School of Medicine, Saint Louis, MO, USA
Erica Vormittag-Nocito, MD, Northwestern University, Chicago, IL, USA

9:30 am – 9:40 am	Opening Remarks Jonathan A. Nowak, MD, PhD Brigham and Women's Hospital, Boston, MA, USA	Ballroom, Level 1
9:40 am – 9:45 am	Award For Excellence Recognition	Ballroom, Level 1
9:45 am – 10:00 am	Special "30 Years of Excellence" Presentation Maria E. Arcila, MD Memorial Sloan Kettering Cancer Center, New York, NY, USA Association for Molecular Pathology 2024 President	Ballroom, Level 1
10:15 am – 11:45 am	Exploration of Emerging Informatics Innovations	220–222, Level 2

CE Credit: 1.5

Program Committee Moderator: Julie W. Hirschorn, PhD, Geisinger Health Systems, Charleston, SC, USA

Early Career Co-Moderator: Samuel Harvey, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Clinical Microbiology Meets AI: A Look Back, A Look at the Present, and A Look Ahead

Anisha Misra, PhD, D(ABMM), Cleveland Clinic, Akron, OH, USA

The Molecular Twin Artificial-Intelligence Platform in Precision Oncology

Dan Theodorescu, MD, PhD, Cedars-Sinai Medical Center, Los Angeles, CA, USA

MEETING-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 21, 2024

10:15 am – 11:45 am **Implementation of Carrier Screening for Autosomal Recessive and X-linked Disorders - Clinical Practice and Laboratory Perspectives** 301–305, Level 3

CE Credit: 1.5

Program Committee Moderator: Honey Reddi, PhD, Belay Diagnostics, Chicago, IL, USA

Early Career Co-Moderator: Sara Akhavanfard, MD, PhD, Case Western Reserve University, Cleveland, OH, USA

Laboratory Perspectives for Carrier Screening for Autosomal Recessive and X-Linked Disorders'
Saurav Guha, PhD, New York Genome Center, New York City, NY, USA

Clinical Practice Guidelines for the Screening for Autosomal Recessive and X-linked Conditions
Anthony R. Gregg, MD, MBA, Department of Obstetrics and Gynecology, Prisma Health, Columbia, SC, USA

10:15 am – 11:45 am **Strategies and Challenges of Measurable Residual Disease Testing in Acute Myeloid Leukemia** 109 & 110, Level 1

CE Credit: 1.5

Program Committee Moderator: Amir Behdad, MD, Cleveland Clinic Florida, Weston, FL, USA

Early Career Co-Moderator: Bing Melody Zhang, MD, University School of Medicine, Palo Alto, CA, USA

Quantification of Measurable Residual Disease in Adults with Acute Myeloid Leukemia
Christopher S. Hourigan, DM, DPhil, Virginia Tech FBRI Cancer Research Center, Washington, DC, USA

AML MRD Analysis Using FLT3-ITD
Mark Levis, MD, PhD, Johns Hopkins, Baltimore, MD, USA

10:15 am – 11:45 am **Unveiling Viral Associations in Human Cancer Using Genomic Data** 211–214, Level 2

CE Credit: 1.5

Program Committee Moderator: Arivarasan Karunamurthy, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Early Career Co-Moderator: Parsa Hodjat, MD, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

Mechanisms of Viral-Host Cell Interaction: Integration, Mutagenesis and Tumorigenesis
Gabriel J. Starrett, PhD, National Cancer Institute, Bethesda, MD

Microbiome Discovery and Characterization from Next Generation Sequencing Data
Chad Vanderbilt, MD, Memorial Sloan Kettering Cancer Center, Denver, CO, USA

MEETING-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 21, 2024

10:15 am – 11:45 am	Professional Relations Committee (PRC) Discusses AMP Lawsuit Against FDA Challenging Oversight of Lab Developed Testing Procedures	118–120, Level 1
CE Credit: NOT CME/CMLE		
Professional Relations Committee (PRC) Discusses AMP Lawsuit Against FDA Challenging Oversight of Lab Developed Testing Procedures (Panel Discussion)		
Moderator: Megan Anderson Brooks, PhD, Innovation Policy Solutions, Washington, DC, USA		
Panelists: Eric Konnick, MD, MS, University of Washington, Seattle, WA, USA Karen L. Kaul, MD, PhD, NorthShore Hospitals / Endeavor Health, Evanston, IL, USA Laurie Menser, CAE, Association for Molecular Pathology, Rockville, MD, USA Roger D. Klein, MD, JD, Center for Law, Science and Innovation, ASU Law School, Beachwood, OH, USA		
11:15 am – 7:00 pm	Expo Hall Open	Expo Hall
11:45 am – 1:15 pm	General Lunch — Visit Expo Hall and View Posters	Expo Hall
11:45 am – 1:15 pm	Networking Lunch: International Luncheon <i>Hosted By: AMP IAC Committee</i>	205–207, Level 2
11:45 am – 1:15 pm	Networking Lunch: New Member and First Timers Lunch <i>Hosted By: AMP MAC/DEI/WG Committee</i> <i>New to AMP? First Time at the Annual Meeting?</i>	202–204, Level 2
12:00 pm – 1:10 pm	Innovation Spotlights See Page 60 for Full Schedule.	Expo Hall, Stage 1 & 2
1:15 pm – 2:15 pm	Plenary Session: Laboratory Automation: Key Considerations for Implementation	Ballroom, Level 1

CE Credit: 1.0

Program Committee Moderators: Tracy McMillen, MS, Memorial Sloan Kettering Cancer Center, New York, NY, USA and Tessara Baldi, Memorial Sloan Kettering Cancer Center, New York, NY, USA

Clinical Microbiology Automation: Past, Present, and Future

Erin McElvania, PhD, Evanston Health, Evanston, IL, USA

2:15 pm – 2:30 pm	Break	Expo Hall
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MEETING-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 21, 2024

2:30 pm – 3:30 pm

Platform Presentations of Selected Genetics Abstracts

109 & 110, Level 1

CE Credit: 1.0**Program Committee Moderator:** *Stuart A. Scott, PhD, Stanford, Palo Alto, CA, USA***Early Career Co-Moderator:** *Emilie Lalonde, MSc, PhD, FACMG, London Health Sciences Center and Western University London, Ontario, Canada***(G017) Cell-Free DNA Assay Detects Low Level Mosaicism in Individuals With Retinoblastoma***Chuan Gao, PhD, FACMG, Memorial Sloan Kettering Cancer Center, New York, NY, USA***(G038) Quality Assessment of SERPINA1 Genotyping and A1AT Serum Concentration Testing: An 11-Year Review of Clinical Results***Taylor D. Ticer, PhD, Dartmouth Hitchcock Medical Center, White River Junction, VT, USA***(G064) INT2GRATE Oncology Consortium: A Novel Variant Evidence Framework for Cancer Syndromes and Data-Sharing Platform for Integrated Germline and Tumor Variants***Arezou A. Ghazani, MSc, PhD, FACMG, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA***(G004) Diagnosis of Germline and Somatic Mismatch Repair Deficient Cancers by Low-Pass Whole Genome Sequencing***Richard Yuditskiy, MSc, The Hospital for Sick Children, Toronto, Ontario, Canada*

2:30 pm – 3:30 pm

Platform Presentations of Selected Informatics Abstracts

211–214, Level 2

CE Credit: 1.0**Program Committee Moderator:** *Heather Blankenship, PhD, Michigan Department of Health and Human Services, Lansing, MI, USA***Early Career Co-Moderator:** *Alexander J. Neil, MD, PhD, Brigham and Women's Hospital, Boston, MA, USA***(I015) Application and Lessons Learned from Curating 100 Somatic Cancer Variants Using the ClinGen/CGC/VICC Guidelines in a Pediatric Hospital Setting.***Wesley Goar, PhD, Nationwide Children's Hospital, Westerville, OH, USA***(I012) Unexpected Detection of Viral Nucleic Acid in Targeted RNA-based Next Generation Sequencing Fusion Assays for Clinical Oncology***Mark F. Sabbagh, MD, PhD, Mass General Brigham, Cambridge, MA, USA***(I034) Predicting Cytomegalovirus Viral Load From Next-generation Sequencing Data: A Machine Learning Approach***Melanie Mallory, MS, ARUP Laboratories, Salt Lake City, UT, USA***(I010) AI-driven Discovery of Morphomolecular Signatures in Toxicology***Rowland W. Pettit, MD, PhD, MBA, Mass General Brigham, Massachusetts, MA, USA*

MEETING-AT-A-GLANCE LISTING: THURSDAY, NOVEMBER 21, 2024

2:30 pm – 3:30 pm

Platform Presentations of Selected Tech Topics Abstracts

118–120, Level 1

CE Credit: 1.0**Program Committee Moderator:** Tracy McMillen, MS, Memorial Sloan Kettering Cancer Center, New York, NY, USA**Early Career Co-Moderator:** Zhuo Xinming, PhD, Columbia University Irvine Medical Center, New York, NY, USA**(TT057) Predicting DNA/RNA Extraction Yields for NGS Using Machine Learning-Based Analysis of H&E-Stained Slides**

Alexander Bagaev, PhD, BostonGene Corporation, Watertown, MA, USA

(TT021) Clinical Validation of a Custom-designed Large Gene Fusion Panel for Solid Tumors

Natalya Guseva, PhD, University of Iowa Hospitals and Clinics, Iowa City, IO, USA

(TT074) Validation of a Rapid Targeted Next Generation Sequencing Oncology Panel

Audrey Roy, MD, MSc, Memorial Sloan Kettering Cancer Center, New York, NY, USA

(TT044) Evaluation of NPM1 Drop Off Droplet Digital PCR Assay for Minimal Residual Disease Detection in Acute Myeloid Leukemia patients.

Meenakshi Mehrotra, PhD, HCLD (ABB), Icahn School of Medicine, New York, NY, USA

2:30 pm – 3:30 pm

Continuing Challenges to Providing More Provider and Patient Friendly NGS Molecular Biomarker Reporting

220–222, Level 2

Working Group Moderator: Anthony Snow, University of Iowa Hospitals and Clinics, Iowa City, IA, USA**Working Group Speaker:** Jane Gibson, PhD, University of Central Florida College of Medicine, Orlando, FL, USA**Working Group Panelist:** Jennifer Laudadio, MD, University of Arkansas, Little Rock, AR, USA

2:30 pm – 3:30 pm

AMP/CAP/NSGC Slice Testing—Considerations from Ordering to Reporting

301–305, Level 3

Working Group Moderator: Susan Hsiao, MD, PhD, Columbia University Irving Medical Center, New York, NY, USA**Working Group Speaker:** Jeffrey SoRelle, MD, UT Southern, Dallas, TX, USA**Working Group Panelist(s):** Rong Mao, MD, University of Utah/ARAP Laboratories, Salt Lake City, UT, USA and Birgit Funke, PhD, Icahn School of Medicine at Mount Sinai, Newton, MA, USA

3:30 pm – 5:00 pm

Coffee Break — Visit Expo Hall and View Posters
Poster Award Applicant Posters Attended

Expo Hall

MEETING-AT-A-GLANCE LISTING

3:45 pm – 4:55 pm	Innovation Spotlights See Page 60 for Full Schedule.	Expo Hall, Stage 1 & 2
5:00 pm – 6:00 pm	Plenary Session: New Molecular Genomic Discoveries in B-Cell Neoplasms and Clinical Applications	Ballroom, Level 1

CE Credit: 1.5

Program Committee Moderators: Honey Reddi, PhD, Belay Diagnostics, Chicago, IL, USA
and Stuart A. Scott, PhD, Stanford, Palo Alto, CA, USA

Decoding the Non-Coding Genome in Diffuse Large B Cell Lymphoma

Laura Pasqualucci, MD, Columbia University, New York, NY, USA

6:00 pm – 7:00 pm	Welcome Reception	Expo Hall
7:00 pm – 8:00 pm	Trainee Happy Hour	Mahony's Tavern Convention Centre (1055 Canada Pl #36 Vancouver, BC V6C 0C3)

FRIDAY, NOVEMBER 22, 2024

7:00 am – 8:00 am	Early Bird Case Studies	Various Rooms (See Website/Mobile App)
7:00 am – 5:00 pm	Attendee, Speaker and Exhibitor Registration and Check-In	Foyer, Level 1
6:45 am – 6:30 pm	Coat & Bag Check	101 & 102, Level 1
8:00 am – 8:15 am	Break	
8:15 am – 9:15 am	Plenary Session: The Journey of Infectious Disease Diagnostics: From Gram Stain to Next Generation Sequencing	Ballroom, Level 1

CE Credit: 1.0

Program Committee Moderators: Heba Mostafa, MD, PhD, Johns Hopkins Medical Institution, Baltimore, MD and Ryan Relich, Indiana University School of Medicine and Indiana University Health, Indianapolis, IN, USA

An Infectious Diseases Diagnostics Journey: From Gram Stain to Next Generation Sequencing

Robin Patel, MD, Mayo Clinic, Rochester, MN, USA

9:00 am – 4:00 pm	Expo Hall Open	Expo Hall
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MEETING-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 22, 2024

9:15 am – 10:15 am	Coffee Break — Visit Expo Hall and View Posters <i>Even-Numbered Posters Attended</i>	<i>Expo Hall</i>
9:30 am – 10:00 am	Innovation Spotlights See Page 60 for Full Schedule.	<i>Expo Hall, Stage 1 & 2</i>
10:15 am – 11:45 am	A Refresher in Laboratory Statistics: Using R in Validations and Verifications	<i>211–214, Level 2</i>

CE Credit: 1.5**Program Committee Moderator:** Tessara Baldi, Memorial Sloan Kettering Cancer Center, New York, NY, USA**Early Career Co-Moderator:** Michael O. Alberi, MD, PhD, University of Colorado Anschutz Medical Campus, Denver, CO, USA**A Refresher in Laboratory Statistics: Using R in Validations and Verifications**

Amir Momeni, MD, Memorial Sloan Kettering Cancer Center, New York, NY, USA

A Refresher in Laboratory Statistics: Using R in Validations and Verifications

Amrom Obstfeld, MD, PhD, Children`s Hospital of Philadelphia, Philadelphia, PA, USA

10:15 am – 11:45 am	Bridging the Dimensions: Unleashing the Power of Deep Learning in Precision Medicine	<i>220–222, Level 2</i>
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CE Credit: 1.5**Program Committee Moderator:** Heather Blankenship, PhD, Michigan Department of Health and Human Services, Lansing, MI, USA**Early Career Co-Moderator:** Shrey Sukhadia, PhD, Genome Informatics, Lebanon, NH, USA**Exploring Multimodal Deep Learning: Integrating Diverse Data for Enhanced Insights**

Faisal Mahmood, PhD, Brigham and Women's Hospital, Boston, MA, USA

Advancing Genomic Medicine: Leveraging Large Language Models and Polygenic Risk Scores in Clinical Practice

Cong Liu, PhD, Columbia University, Skillman, NJ, USA

MEETING-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 22, 2024

10:15 am – 11:45 am

Incidental Detection of Acquired Variants in Germline Genetic Testing

109 & 110, Level 1

CE Credit: NOT CME/CMLE**Program Committee Moderator:** Honey Reddi, PhD, Belay Diagnostics, Chicago, IL, USA**Early Career Co-Moderator:** Wei Shen, PhD, Mayo Clinic, Rochester, MI, USA**Laboratory Considerations for the Incidental Detection of Acquired Variants in Germline Genetic Testing**

Josh Deignan, PhD, University of California, Los Angeles, CA, USA

Considerations for the Evaluation of Acquired Variants in the Germline Genetic Testing

Elizabeth Chao, MD, FACMG, University of California, Newport Beach, CA, USA

Clonal Hematopoiesis: Background and Clinical Significance

Rashmi Kanagal-Shamanna, MD, The University of Texas, MD Anderson Cancer Center, Houston, TX, USA

10:15 am – 11:45 am

Molecular at Home and Point of Care Testing for Infectious Diseases

301–305, Level 3

CE Credit: NOT CME/CMLE**Program Committee Moderator:** Heba Mostafa, MD, PhD, Johns Hopkins Medical Institution, Baltimore, MD, USA**Early Career Co-Moderator:** Yi Ding, MD, PhD, Geisinger Medical Center, Danville, PA, USA**Cost-Effectiveness, Economic, and Business Considerations for Point-of-Care, At Home, and Home Collection Testing**

Kevin D. Frick, PhD, Johns Hopkins Carey Business School, Baltimore, MD, USA

Integrating At-Home and Point-of-Care Testing into Clinical Care: Impacts on Physician Decision-Making in Real-World Settings

Jeremiah Hinson, MD, PhD, Johns Hopkins Medicine, Baltimore, MD, USA

FDA Perspectives on Molecular at Home and Point of Care Testing for Infectious Diseases

Courtney H. Lias, PhD, Food & Drug Administration, Silver Spring, MD, USA

MEETING-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 22, 2024

10:15 am – 11:45 am	Utilization of Cell Free DNA in Characterization and Detection of Minimal Residual Disease in Lymphoid Malignancies	118–120, Level 1
CE Credit: 1.5		
Program Committee Moderator: Craig R. Soderquist, MD, Columbia University, New York, NY, USA		
Early Career Co-Moderator: Zejuan Li, MD, PhD, FACMG, Houston Methodist Hospital, Houston, TX, USA		
cfDNA in Early Detection of Hematologic Malignancies Rita Shaknovich, MD, PhD, New York, NY, USA		
Profiling Cell-Free DNA in Lymphoma: MRD and Beyond Brian Sworder, MD, PhD, University of California, Irvine, Orange, CA, USA		
11:45 am – 1:15 pm	General Lunch — Visit Expo Hall and View Posters	Expo Hall
12:00 pm – 1:10 pm	Innovation Spotlights See Page 60 for Full Schedule.	Expo Hall, Stage 1 & 2
11:45 am – 1:15 pm	Networking Lunch: Technologist Networking Luncheon Hosted By: AMP T&E Committee	205–207, Level 2
11:45 am – 1:15 pm	Networking Lunch: Trainee Networking Luncheon Hosted By: AMP T&E Committee Empowering Tomorrow's Molecular Pathologists: Leveraging Publicly Available Datasets, Machine Learning, and Online Knowledge Bases for Training and Research	202–204, Level 2
1:15 pm – 2:45 pm	AMP Clinical Bioinformatician Body of Knowledge	211 – 214, Level 2

Moderator: Weiwei Zhang, PhD, University of Nebraska Medical Center, Omaha, NE, USA

Speaker: Somak Roy, MD, Cincinnati Children's Hospital Medical Center, Cincinnati OH, USA

Panelists: Annette Leon, PhD, Fabric Genomics, Apex, NC, USA

Sabah Kadri, PhD, Lurie Children's Hospital of Chicago, Chicago, IL, USA

Ryan Schmidt, MD, PhD, Keck School of Medicine of USC, Santa Monica, CA, USA

MEETING-AT-A-GLANCE LISTING: FRIDAY, NOVEMBER 22, 2024

1:15 pm – 2:45 pm

Analytics, Informatics, AI and the Expanding Role of the Clinical Laboratorian

118–120, Level 1

CE Credit: 1.5**Program Committee Moderator:** Tracy McMillen, Memorial Sloan Kettering Cancer Center, New York, NY, USA**Early Career Co-Moderator:** Shivaprasad H. Sathyanarayana, PhD, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA**Navigating the Data Landscape: Practical Applications of Analytics in the Clinical Laboratory**

Anna Merrill, PhD, DABCC, University of Iowa Healthcare, Iowa City, IO, USA

Insights from the Lab: Leveraging Data Analytics in the Clinical Laboratory

Sarah Wheeler, PhD, University of Pittsburgh, Pittsburgh, PA, USA

1:15 pm – 2:45 pm

There's a Fungus Among Us! Next-Generation Molecular Testing in Diagnostic Mycology

301–305, Level 3

CE Credit: 1.5**Program Committee Moderator:** Ryan Relich, Indiana University School of Medicine and Indiana University Health, Indianapolis, IN, USA**Early Career Co-Moderator:** Marie Smithgall, MD, Columbia University Medical Center, New York, NY, USA**Novel Molecular Approaches to Fungal Disease Diagnostics**

Sean Zhang, MD, PhD, Johns Hopkins School of Medicine, Baltimore, MD, USA

The Global Burden of Fungal Diseases: An Urgent Need for Advanced Diagnostics

Paschalis Vergidis, MD, MSc, Mayo Clinic College of Medicine and Science, Rochester, MN, USA

1:15 pm – 2:45 pm

Whole Exome Sequencing in Solid Tumors - the Changing Paradigm of Clinical Oncology

220–220, Level 2

CE Credit: 1.5**Program Committee Moderator:** Deepika Sirohi, MD, University of San Francisco, San Francisco, CA, USA**Early Career Co-Moderator:** John M. Skaugen, MD, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA**Clinical Cancer Whole Exome and Transcriptome Sequencing: Lessons Learned Over 10 years and Future Outlook**

Susan Hsiao, MD, PhD, Columbia University Irving Medical Center, New York, NY, USA

Clinical Validation and Implementation of Somatic Whole Exome Sequencing (WES) and Whole Transcriptome Sequencing (WTS) for Solid Tumors and Hematopoietic Neoplasms.

Laura Tafe, MD, Dartmouth-Hitchcock Medical Center, Lebanon, NH, USA

MEETING-AT-A-GLANCE LISTING

1:15 pm – 2:15 pm	EAC Townhall: 2024 Review of EAC Activities & Legislative Efforts	109 & 110, Level 1
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CE Credit: NOT CME/CMLE

Panelists: Jay Patel, MD, ARUP, Salt Lake City, UT, USA

Vicky Pratt, PhD, Agena Bioscience, Wolcottville, IN, USA

Eric Vail, MD, Cedars Sinai Medical Center, Los Angeles, CA, USA

Lindsey Trischler, Innovation Policy Solutions, Washington DC, USA

2:45 pm – 3:45 pm	Coffee Break — Visit Expo Hall and View Posters	Expo Hall
3:00 pm – 3:30 pm	Innovation Spotlights See Page 60 for Full Schedule.	Expo Hall, Stage 1 & 2
3:00 pm – 3:45 pm	Membership Affairs Committee Networking Event	Expo Hall (General Lunch Area)
3:45 pm – 4:45 pm	Plenary Session: Human Tumor Atlas Network: Mapping Tumor Transitions at Molecular Resolution	Ballroom, Level 1

CE Credit: 1.0

Program Committee Moderators: Arivarasan Karunamurthy, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA and Deepika Sirohi, MD, University of San Francisco, San Francisco, CA, USA

Human Tumor Atlas Network: Mapping Tumor Transitions at Molecular Resolution

Peter Sorger, PhD, Harvard Medical School, Boston, MA, USA

5:15 pm – 5:30 pm	Break	Expo Hall
5:30 pm – 6:30 pm	Business Meeting & Awards Session	109 & 110, Level 1
7:00 pm – 10:30 pm	Amazing Molecular Party (Separate Registration)	Hyatt Regency (HQ Hotel), Regency Ballroom

SATURDAY, NOVEMBER 23, 2024

7:30 am – 2:00 pm	Attendee, Speaker and Exhibitor Registration and Check-In	Foyer, Level 1
8:00 am – 5:00 pm	Coat & Bag Check	101 & 102, Level 1
8:00 am – 8:15 am	Break	

MEETING-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 23, 2024

8:15 am – 9:15 am

**Plenary Session: Language of Innovation:
Navigating Large Language Models in Healthcare**

Ballroom, Level 1

CE Credit: 1.0

Program Committee Moderators: Julie W. Hirschorn, PhD, Geisinger Health Systems, Charleston, SC, USA and Heather Blankenship, PhD, Michigan Department of Health and Human Services, Lansing, MI, USA

Fine-Tuning Large Language Models to Facilitate Precision Medicine

Kai Wang, PhD, University of Pennsylvania, Princeton, NJ, USA

9:00 am – 1:30 pm

Expo Hall Open

Expo Hall

9:15 am – 10:15 am

Coffee Break — Visit Expo Hall and View Posters
Odd-Numbered Posers Attended

Expo Hall

9:30 am – 1:10 pm

Innovation Spotlights

See Page 60 for Full Schedule.

Expo Hall, Stage 1 & 2

10:15 am – 11:45 am

**Advances in Characterizing Structural
Chromosomal Alterations: Utility of Optical
Genome Mapping and Long Read Sequencing in
Hematopoietic Cancers and the Germline Genome**

109 & 110, Level 1

CE Credit: 1.5

Program Committee Moderator: Craig R. Soderquist, MD, Columbia University, New York, NY, USA and Honey Reddi, PhD, Belay Diagnostics, Chicago, IL, USA

Early Career Co-Moderator: Eric McGinnis, MD, Vancouver General Hospital / University of British Columbia, Vancouver, BC, CA

Optical Genome Mapping - A New Age in Cytogenetics

Brynn Levy, MSc(Med), PhD, Columbia University, Closter, NJ, USA

Long Read Sequencing: The Long and Short of It

Fritz Sedlazeck, PhD, Baylor College of Medicine, Baylor College of Medicine, Pearland, TX, USA

10:15 am – 11:45 am

**Navigating the Landscape of Open Source Tools
for Applications in Molecular Pathology**

220–222, Level 2

CE Credit: 1.5

Program Committee Moderator: Heather Blankenship, PhD, Michigan Department of Health and Human Services, Lansing, MI, USA

Early Career Co-Moderator: Wesley Goar, PhD, Nationwide Children's Hospital, Westerville, OH, USA

Developing Open-Source Bioinformatics Pipelines and Packages for Molecular Pathology

Malachi Griffith, PhD, Washington University, St. Louis, MO, USA

Open-Source Bioinformatics Pipelines and Packages for Infectious Diseases

Robert A. Petit, PhD, Wyoming Department of Health, Cheyenne, WY, USA

MEETING-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 23, 2024

10:15 am – 11:45 am **Radiogenomics: Integrating Molecular and Imaging Data in Cancer Diagnosis** 118–120, Level 1

CE Credit: 1.5

Program Committee Moderator: Arivarasan Karunamurthy, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Early Career Co-Moderator: Catherine Gestrich, DO, UPMC Children`s Hospital of Pittsburgh, Wexford, PA, USA

Radiogenomics: Integrating Molecular and Imaging Data in Cancer Diagnosis

Vinay Duddalwar, MD, FRCR, USC Keck School of Medicine, Los Angeles, CA, USA

Radiogenomics: Integrating Molecular and Imaging Data in Cancer Diagnosis & Treatment

Robert Lo Gullo, MD, Memorial Sloan Kettering cancer center, New York, NY, USA

10:15 am – 11:45 am **Syndromic Panels for Infectious Disease Diagnosis** 211–214, Level 2

CE Credit: NOT CME/CMLE

Program Committee Moderator: Heba Mostafa, MD, PhD, Johns Hopkins Medical Institution, Baltimore, MD, USA

Early Career Co-Moderator: Kenneth Gavina, PhD, D(ABMM), Indiana University School of Medicine, Indianapolis, IN, USA

Multiplex Syndromic Panels: Challenges and Opportunities for Reimbursement

Meghan Starolis, PhD, Qwest Diagnostics, Chantilly, VA, USA

Multiplex Infectious Disease Molecular Panels: Technology and Challenges

Linoj Samuel, PhD, Henry Ford Health, Detroit, MI, USA

Unraveling Complexity: the Clinical Benefits and Challenges of Syndromic Panel Testing

Bert K. Lopansri, MD, Intermountain Medical Center, Park City, UT, USA

MEETING-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 23, 2024

10:15 am – 11:45 am **Technologist Innovation Session** 301–305, Level 3

CE Credit: 1.5

Program Committee Moderator(s): Tracy McMillen, MS, Memorial Sloan Kettering Cancer Center, New York, NY, USA and Tessara Baldi, Memorial Sloan Kettering Cancer Center, New York, NY, USA

(ID008) Multiplex Fragment Analysis Quickly Detects and Differentiates Non-tuberculous Mycobacterial Subspecies

Manoj Kumar Sah, MS, Texas Health Harris Methodist Hospital, Fort Worth, TX, USA

(ID059) Rapid Nanopore Genotyping for Bacterial Antimicrobial Susceptibility Prediction

Ramanath Majumdar, PhD, Mayo Clinic, Rochester, MN, USA

(TT002) A Modified FLT3 PCR Assay Using TapeStation Readout

E. Adele Blake, Department of Pathology and Laboratory Medicine, University of Rochester, West Henrietta, NY, USA

(TT016) Evaluation of an Automated DNA Extraction Platform

Syd Werner, BS, MB(ASCP), ARUP Laboratories, Salt Lake City, UT, USA

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

12:00 pm – 1:10 pm **Innovation Spotlights**
See Page 60 for Full Schedule. Expo Hall, Stage 1 & 2

1:00 pm – 1:30 pm **Poster Removal** Expo Hall

1:15 pm – 2:15 pm **2024 CAP/IASLC/AMP Updated Molecular Testing Guideline for the Selection of Lung Cancer Patients for Treatment With Targeted Tyrosine Kinase Inhibitors Guideline Update** 301–305, Level 3

Working Group Moderator: Susan Hsiao, MD, PhD, Columbia University Irving Medical Center, New York, NY, USA

Working Group Speaker: Dhananjay Chitale, MD, MDA, Henry Ford Health, Detroit, MI, USA

1:15 pm – 2:15 pm **AMP/ACMG/CPIC/CAP/DPWG/ESPT/PharmGKB/PharmVar DPYD Genotyping Recommendations** 220–222, Level 2

Working Group Moderator: Stuart A. Scott, PhD, Stanford, Palo Alto, CA, USA

Working Group Speaker: Yuan Ji, MS, PhD, MBA, University of Utah, Salt Lake, City, UT, USA

Working Group Panelist: Lisa Kalman, Centers for Disease Control and Prevention, Atlanta, GA, USA

MEETING-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 23, 2024

1:15 pm – 2:15 pm

Platform Presentations of Selected Hemepath Abstracts

211–214, Level 2

CE Credit: 1.0**Program Committee Moderator:** Craig R. Soderquist, MD, Columbia University, New York, NY, USA**Early Career Co-Moderator:** Aida Richardson, MD, PhD, Ann & Robert H. Lurie Children's Hospital of Chicago, Northwestern University, Chicago, IL, USA**(H014) Evaluation of T-cell Immunotranscriptomic Profiling in Lymphoid Neoplasms**

Paul Wadsworth, MD, PhD, Stanford Medicine, Menlo Park, CA, USA

(H023) Clinical Utility of Optical Genome Mapping as an Addition to Standard Cytogenetic Workup in Hematological Malignancies

Gokce Toruner, MD, PhD, University of Texas MD Anderson Cancer Center, Houston, TX, USA

(H036) FNIH MRD in AML Biomarkers Consortium: Evaluation of Methods for Detection of FLT3 Internal Tandem Duplication Measurable Residual Disease in Acute Myeloid Leukemia

Laura W. Dillon, PhD, National Institutes of Health, Bethesda, MD, USA

(H018) Measuring T-cell Diversity Alongside Clonality May Prove Clinically Useful for Patients Undergoing NGS-based T-cell Receptor Gamma Gene (TRG) Rearrangement Testing

Rebecca G. Ramesh, MD, Perelman School of Medicine at the University of Pennsylvania, Pennsylvania, PA, USA

1:15 pm – 2:15 pm

Platform Presentations of Selected Infectious Diseases Abstracts

118–120, Level 1

CE Credit: 1.0**Program Committee Moderator:** Heba Mostafa, MD, PhD, Johns Hopkins Medical Institution, Baltimore, MD**Early Career Co-Moderator:** Krupa Jani, MS, ASCP(iMB), Memorial Sloan Kettering Cancer Center, Jersey City, NJ, USA**(ID007) Adding Infectious Disease Samples to a Cancer Next-Generation Sequencing Workflow Decreases Costs and Increases Efficiency of Whole-Genome Sequencing for Pathogen Identification and Surveillance**

Priya Velu, MD, PhD, Weill Cornell Medicine, New York, NY, USA

(ID020) Housekeeping Gene Specimen Adequacy Controls are Poor Proxies for Nasopharyngeal Swab Collection Quality

Katharine Crawford, MD, PhD, University of Washington, Seattle, WA, USA

(ID030) Targeted Next Generation Sequencing for Improved Identification of Bacterial and Fungal Pathogens in Formalin-Fixed Paraffin-Embedded Tissue

Ran Zhuo, PhD, UCLA Health, Los Angeles, CA, USA

(ID058) Product Alert Corrective Action: Norovirus False Positive Results with the Biofire Molecular Gastrointestinal Pathogens Test

Kenneth Muldrew, MD, MPH, Baylor College of Medicine and Ben Taub Hospital, Harris Health System, Houston, TX, USA

MEETING-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 23, 2024

1:15 pm – 2:15 pm	Platform Presentations of Selected Solid Tumors Abstracts	109 & 110, Level 1
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CE Credit: 1.0**Program Committee Moderator:** Deepika Sirohi, MD, University of San Francisco, San Francisco, CA, USA**Early Career Co-Moderator:** Ying-Hsia, MD, University of Minnesota, MN, USA**(ST014) The Utilization of Whole Transcriptome Sequencing to Analyze Downstream Expression of Biologically Significant Transcripts of Potentially Oncogenic Fusion Products, for Clinical Practice**

Shrey Sukhadia, PhD, DHMC, Lebanon, NH, USA

(ST077) Comprehensive Assessment of Solid Tumors by Optical Genome Mapping and Next-Generation Sequencing Reveals Cryptic Structural Variants of Diagnostic, Prognostic, and Therapeutic Significance

Ying Zou, MD, PhD, FACMG, The Johns Hopkins University, Baltimore, MD, USA

(ST057) Clinical Utility of Whole Transcriptome Sequencing by RNA-Seq for Detection of Fusions in Targeted-NGS Negative Samples

Abigail Wald, PhD, University of Pittsburgh, Pittsburgh, PA, USA

(ST120) Methylation-Based Droplet Digital PCR Separates Pulmonary Mucinous Adenocarcinomas From Pancreatic Metastases to the Lung

Daniel Xia, MD, MSc, University Health Network, Toronto, Ontario, Canada

2:15 pm – 2:30 pm	Break
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2:30 pm – 4:00 pm	21st Century Diagnostic Parasitology – The Roles that Nucleic Acid Tests Play in Parasite Detection, Characterization, and Surveillance	211–214, Level 2
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CE Credit: 1.5**Program Committee Moderator:** Ryan Relich, PhD, Indiana University School of Medicine and Indiana University Health, Indianapolis, IN, USA**Early Career Co-Moderator:** Phyu M. Thwe, PhD, D(ADMM), MLS(ASCP), Montefiore Medical Center, Bronx, NY, USA**Nucleic Acid Testing for Parasite Detection, Characterization, and Surveillance**

Marc Couturier, PhD, D(ABMM), ARUP/University of Utah, Salt Lake City, UT, USA

What Can Multiplex PCR and Targeted Next Generation Sequencing Tell Us About Parasitic Infections and Outbreaks?

Susan Madison-Antenucci, PhD, New York State Department of Health, Wadsworth Center, Delmar, NY, USA

MEETING-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 23, 2024

2:30 pm – 4:00 pm

From Pathology to the Biobank: Considerations for Managing Laboratory Samples and Data

301–305, Level 3

CE Credit: 1.5**Program Committee Moderator:** Tessara Baldi, Memorial Sloan Kettering Cancer Center, New York, NY, USA**Early Career Co-Moderator:** Lulu Sun, MD, PhD, Washington University in St. Louis School of Medicine, Saint Louis, MO, USA**Pathology, Sample Collection and the Biobanking Continuum in Healthcare Research**

Marianne K. Henderson, MS, PMP, DCEG/NCI/NIH, Rockville, MD, USA

Presentation Title: TBD

Sheila O'Donoghue, RN, BPHE, MA, BC Cancer, Biobanking and Biospecimen Research Services, British Columbia, Canada

2:30 pm – 4:00 pm

Role of Gender Identification in Genetic Testing

109 & 110, Level 1

CE Credit: NOT CME/CMLE**Program Committee Moderator:** Stuart A. Scott, PhD, Stanford, Palo Alto, CA, USA**Early Career Co-Moderator:** Stephanie Siegmund, MD, PhD, Brigham & Women's Hospital, Boston, MA, USA**Sex and Gender in Medicine: The Basics**

J9 Austin, PhD, CGC, FCAHS, University of British Columbia, Vancouver, British Columbia, Canada

How Labs Can Be Allies: Why Language Matters for Testing Accuracy and Patient Experience

Margo Gallegos, MS, LCGC, Ambry Genetics, Annapolis, MD, USA

Role of Sex and Gender in Clinical Oncology and Medical Genetics

Gwendolyn Quinn, PhD, NYU Grossman School of Medicine, New York City, NY, USA

2:30 pm – 4:00 pm

Standardization Efforts for AI

118–120, Level 1

CE Credit: 1.5**Program Committee Moderator:** Julie W. Hirschorn, PhD, Geisinger Health Systems, Charleston, SC, USA**Early Career Co-Moderator:** Nada Shaker, University of California, San Francisco, CA, USA**Genome in a Bottle Benchmarks for Training and Testing AI-Based Variant Callers**

Justin M. Zook, PhD, National Institute of Standards and Technology, Gaithersburg, MD, USA

Crafting the Blueprint: Standards Building and Policymaking for Clinical AI

Christina Silcox, PhD, Duke-Margolis Institute of Health Policy, Washington, DC, USA

MEETING-AT-A-GLANCE LISTING: SATURDAY, NOVEMBER 23, 2024

2:30 pm – 4:00 pm **AMP/CAP/SITC Recommendations for
Tumor Mutational Burden Assay Validation
and Reporting** 220 – 222, Level 2

Moderator: Jonathan A. Nowak, MD, PhD, Brigham and Women's Hospital, Boston, MA, USA

Speaker: Larissa Furtado, MD, St. Jude Children's Research Hospital, Memphis, TN, USA

Panelist: Susan Hsiao, MD, PhD, Columbia University Irving Medical Center, New York, NY, USA

4:00 pm – 4:15 pm **Break**

4:15 pm – 5:15 pm **Plenary Session: Disparities in Genetic Testing** 211–214, Level 2

CE Credit: 1.0

Program Committee Moderator(s): Honey Reddi, PhD, Belay Diagnostics, Chicago, IL, USA and Stuart A. Scott, PhD, Stanford, Palo Alto, CA, USA

Global Disparities in Genetic Testing and Molecular Diagnostics for Cancer: Charting an Equitable Path Forward

Edward Christopher Dee, MD, Memorial Sloan Kettering Cancer Center, New York, NY, USA

5:15 pm – 5:30 pm **Closing Remarks**
Somak Roy, MD, Cincinnati Children's Hospital
Medical Center, Cincinnati OH, USA 211–214, Level 2



2024 Corporate Partners

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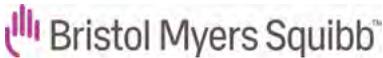
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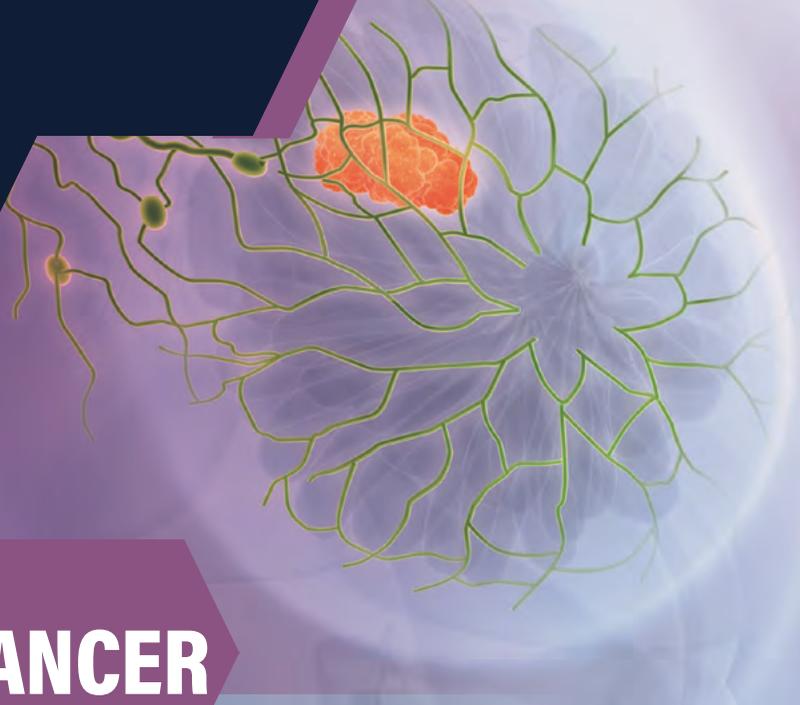


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EXPO INFORMATION

BREAST CANCER MOLECULAR TESTING:

Catching Up to Increased Complexity

This four-part virtual learning series addresses molecular testing in breast cancer, covering areas such as multi-gene assays, therapeutic predictive testing, somatic next-generation sequencing, and germline testing. The series provides pathologists with a comprehensive understanding of breast cancer molecular testing, from test selection to interpretation which will ultimately lead to optimal patient care in a rapidly evolving field.

TARGET AUDIENCE

Pathologists (molecular and non-molecular), clinical laboratory directors, trainees and fellows, and other laboratory professionals (managers and technologists). Also, oncologists (including medical and clinical oncologists), breast surgeons, oncology nurses, and other members of the oncology care team.

- ▶ **An Overview of Multi-Gene Expression Assays in Breast Cancer**
- ▶ **Predictive Tests for Therapeutic Options in Breast Cancer: Indications, Utility, and Interpretation**
- ▶ **Application of Next-Generation Sequencing in Somatic Tumor Testing in Breast Cancer**
- ▶ **Challenges in Breast Cancer Susceptibility Genetic Testing**

Learn more or watch on-demand at: amp.org/breastcancer

EXPO HALL AND 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 2024 Meeting & Expo, be sure to check out all that our expo hall has to offer! We also want to highlight corporate partners  international exhibitors  diverse suppliers  and new exhibitors  next to their name.

MEET THE AMP 2024 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 62. You can also read about this year's exhibitors in the meeting program on page 64 or the Mobile App.

AMP 2024 WELCOME RECEPTION IN THE EXPO HALL

Join us for the Welcome Reception in the AMP Expo Hall on Thursday from 6:00pm – 7:00pm. 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 59 for poster locations. Don't forget 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 LUNCHES

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.

COFFEE BREAKS

Coffee will be served in the Expo Hall in designated areas during the official “Coffee Break” times listed in the At-A-Glance Schedule, giving you an opportunity to recharge while you network with colleagues and engage with exhibitors.

MEMBERSHIP AFFAIRS COMMITTEE NETWORKING SESSION: HOW TO GET INVOLVED WITH AMP

Do you want to be more involved with AMP? Curious about what the committees actually do and how to get into one? Representatives from AMP committees will give you the inside scoop on what they do, and what they look for in application candidates.

Friday November 22nd

3:00pm-3:45pm

Expo Hall, General Lunch Area

HEADSHOT STATION

AMP up your professional profile with a **free** headshot, sponsored by Asuragen, a Bio- Techne Brand. This popular activity will be available at the Asuragen booth #811 in the Expo Hall, on Thursday and Friday (November 21 & 22). Please note space is limited, so make sure you plan ahead to stop by the Headshot Station.



EXPO HALL FLOOR PLAN



INNOVATION SPOTLIGHT SCHEDULE

THURSDAY, NOVEMBER 21, 2024

	Stage 1	Stage 2
12:00 PM – 12:30 PM	TruSight Oncology Portfolio IVD and RUO Expansion <i>Hosted By: Illumina</i>	Moving Past Panels: Somatic Exomes and Transcriptomes in an Academic Medical Center <i>Hosted By: Agilent Technologies</i>
12:40 PM – 1:10 PM	A New Age in Cancer Genomics With Accurate Long- and Short-Read Sequencing <i>Hosted By: PacBio</i>	Enabling Access to Genomic Profiling Through the FDA-Authorized Decentralized Liquid Biopsy Solution, PGDx Elio™ Plasma Focus Dx <i>Hosted By: Labcorp</i>
3:45 PM – 4:15 PM	GeneSpect™ Reports: Automated NGS Data Interpretation <i>Hosted By: Intelliseq</i>	Sex and Gender in Genomic Testing <i>Hosted By: AMP DEI Working Group</i>
4:25 PM – 4:55 PM	The Role of RNA Sequencing in Cancer Molecular Profiling <i>Hosted By: Genomic Testing Cooperative</i>	Strengthening Mentorship at AMP – Taking Training and Community to the Next Level <i>Hosted By: AMP Training & Education Committee</i>
6:15 PM – 6:45 PM	Advances in Adaptive Immune Receptor (AIR) Profiling to Accelerate Drug Target Identification and Validation and Biomarker Discovery <i>Hosted By: Celecta, Inc.</i>	Advancements in Hematologic Research: Maximizing Efficiency with a Single Streamlined Workflow <i>Hosted By: Thermo Fisher Scientific</i>

FRIDAY, NOVEMBER 22, 2024

	Stage 1	Stage 2
9:30 AM – 10:00 AM	Town Hall with AMP's Clinical Practice Committee <i>Hosted By: AMP Clinical Practice Committee</i>	Illumina MiSeq i100 Benchtop Sequencer Innovation <i>Hosted By: Illumina</i>

INNOVATION SPOTLIGHT SCHEDULE

FRIDAY, NOVEMBER 22, 2024

	Stage 1	Stage 2
12:00 PM – 12:30 PM	Accelerate OGM Insights: Supercharge Your OGM Workflow to explore more SV discovery <i>Hosted By: Bionano Genomics</i>	Integrating Comprehensive Biomarker Testing for Precision Treatment <i>Hosted By: Bristol Myers Squibb</i>
12:40 PM – 1:10 PM	Optimizing Automated cfDNA Extraction on Various Platforms <i>Hosted By: Omega Bio-tek</i>	ASPYRE-Lung: Fast and Accurate Molecular Testing for Lung Cancer in Tissue and Blood <i>Hosted By: Biofidelity</i>
3:00 PM – 3:30 PM	Streamlining Molecular Pathology Workflows: The Power of BPMN in Laboratory Informatics <i>Hosted By: Labbit</i>	

SATURDAY, NOVEMBER 23, 2024

	Stage 1	Stage 2
9:30 AM – 10:00 AM	How Is AMP Helping You Develop and Maintain Your Subject Matter Expertise? <i>Hosted By: AMP Training & Education Committee</i>	Maximizing Data Outputs and Leveraging New Data Modalities To Fuel Clinical Sequencing Applications <i>Hosted By: Watchmaker Genomics</i>
12:00 PM – 12:30 PM	Meet the Authors: AMP/CAP/NSGC Slice Testing—Considerations from Ordering to Reporting <i>Hosted By: AMP Clinical Practice Committee</i>	A High-Throughput qPCR System for Flexible and Cost Effective Large Panel Assay Testing <i>Hosted By: Takara Bio USA</i>
12:40 PM – 1:10 PM	The Sample Journey Through the OncoExtra[®] Tissue Genomic Profiling Test <i>Hosted By: Exact Sciences</i>	Golden Helix: Advancing Precision Oncology with Automated Genomic Solutions <i>Hosted By: Golden Helix</i>

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10x Genomics

Booth #: 1410

<http://www.10xgenomics.com>

We deliver powerful, reliable tools that fuel scientific discoveries and drive exponential progress to master biology to advance human health. Cited in more than 7,000 research papers, our innovative single cell, spatial, and in situ technologies enable discoveries across oncology, immunology, neuroscience, and more.

Abbott Molecular

Booth #: 819

<http://www.molecular.abbott/us/en/home>

Abbott is a global leader in in vitro diagnostics with one of the broadest portfolios of businesses spanning nearly every segment – point of care, immunoassay, clinical chemistry, hematology, blood screening, molecular, and informatics. Abbott's life-changing tests and diagnostic tools provide accurate, timely information to better manage health.

AccuGenomics, Inc

Booth #: 1630

<http://www.accugenomics.com>

AccuGenomics is a developer of a unique spike-in control technology that dramatically improves the accuracy and performance of clinical sequencing tests for low abundance biomarkers such as circulating tumor DNA (ctDNA) and low titer infectious pathogens. Spiked in standards provide higher confidence in the NGS results to eliminate false positives and reduce false negatives for improved accuracy.

Agena Bioscience **CORPORATE PARTNER**

Booth #: 925

<http://agenabio.com>

Agena Bioscience empowers research laboratories worldwide to deliver scalable targeted genomic data. Our advanced platforms deliver timely molecular insights in the areas of mutation profiling, liquid biopsy, pharmacogenetics, and more. Agena offers the MassARRAY System, an open platform that provides researchers with insights through a highly multiplexed solution.

Agilent Technologies

Booth #: 909

<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.

Aladdin Scientific Corporation 

Booth #: 1425

<http://www.aladdinsci.com>

Aladdin, established in 2009, is a pioneer in scientific innovation, offering superior reagents, chemicals, and life science tools. With a global workforce of over 700 and facilities across the US, Germany, Ireland, Singapore, and China, we're committed to excellence in R&D. Join aladdinsci.com on a journey of scientific exploration, where each advancement opens doors to a brighter, more innovative future.



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Amgen **CORPORATE PARTNER**

Booth #: 1504

<http://www.amgen.com>

Amgen harnesses the best of biology and technology to make people's lives easier, fuller and longer. We draw upon our deep knowledge of science to push beyond what's known today. We are one of the world's leading independent biotech companies – fighting the toughest diseases and helping millions of people globally.

Anchor Molecular Inc. 

Booth #: 1325

<http://www.anchormolecular.com>

Anchor Molecular is a life science diagnostics company specializing in the development of best-in-class quality controls and reference materials for liquid biopsy and molecular diagnostic assays. We focus on molecular tests for 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 molecular testing worldwide.

APIS Assay Technologies Ltd. 

Booth #: 731

<http://www.apisassay.com/>

APIS is committed to realise the clinical potential of systems biology and medicine in the diagnosis and personalisation of treatment, with primary focus on the development and commercialisation of molecular solutions for oncology. This includes innovative molecular tests for: breast cancer subtyping (HER2/ER/PR/Ki67), ESR1 and PIK3CA mutations detection, MET ex14 skipping and overexpression, and genotyping PGx tests.

Applied BioCode, Inc.

Booth #: 619

<http://www.apbiocode.com/>

Applied BioCode, Inc. develops, manufactures, and commercializes multiplex diagnostic testing products. The company's products focus on the \$4.5 billion molecular diagnostic infectious disease segment of the market with assays that detect pathogens for gastrointestinal infections, respiratory infections and other high value diseases. Also included are the infectious disease, autoimmune disease, allergy, gut microbiome, and veterinary diagnostics markets.

Applied Spectral Imaging

Booth #: 930

<http://www.spectral-imaging.com>

ASI is a global leader in biomedical imaging with a comprehensive product portfolio and a global distribution footprint. The company's technology, powered by GenASIs, enables Pathology, Cytogenetics and Research laboratories to provide advanced diagnostics to patients. ASI has a wide portfolio of dedicated solutions for Brightfield, Fluorescence and Spectral imaging and analysis.

Argonaut Manufacturing Services

Booth #: 420

<http://www.argonautms.com>

Argonaut Manufacturing Services Inc. is a contract manufacturing organization (CMO) for innovative molecular diagnostic and pharmaceutical companies. Argonaut provides scalable cGMP manufacturing solutions from kitting to supply chain management services. With proprietary lyophilization technologies for IVD solutions that simplify devices, extend shelf-life, and allow ambient storage and shipping, Argonaut is your CMO choice.

EXHIBITOR DESCRIPTIONS

Arima Genomics 

Booth #: 618

<http://www.arimagenomix.com>

Arima Genomics, Inc. is advancing human health and the life sciences by revealing comprehensive genomic insights. Researchers and clinicians use Arima Genomics' innovative products and services to gain unparalleled access to the three-dimensional (3D) organization of the genome.

AstraZenec **CORPORATE PARTNER**

Booth #: 601

<http://www.astrazeneca.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 **CORPORATE PARTNER**

Booth #: 811

<http://asuragen.com>

Bio-Techne empowers scientists and clinicians by providing high-quality reagents, analytical instruments, and precision diagnostics. Whether you're at the cutting edge of academic research, translating discoveries to therapeutic leads, or requiring the highest level of diagnostic testing, you'll find products and services that help lead to better answers. Bio-Techne brands: ACD, Asuragen, ExosomeDx, Lunaphore, Novus Biologicals, ProteinSimple, R&D Systems and Tocris.

Autonomous Medical Devices Incorporated

Booth #: 1409

<http://www.amdilabs.com>

Autonomous Medical Devices Incorporated (AMD) employs a world class team of engineers, scientists, clinicians, and manufacturing experts dedicated to the development and manufacture of point-of-care diagnostic devices using breakthrough microfluidics, protein engineering, and data/cloud connectivity. AMD will launch its first products from its ISO:13485 certified 110,000 square foot facility in Santa Ana, CA.

Axxin 

Booth #: 1128

<http://www.axxin.com>

Axxin provides platforms and diagnostic products for biomedical applications that bridge the gap from research to market with world leading innovation, capability and cost effectiveness. The company's products are used worldwide in research and diagnostic applications in both molecular and immunoassay point of care applications. Axxin is ISO 13485 registered.

Azure Biosystems  

Booth #: 1601

<http://azurebiosystems.com>

Azure Biosystems is a California-based life science company dedicated to propelling scientific discovery in new spaces. We're a team of scientists obsessed with good data. We ask tomorrow's questions, today. By innovating in unexpected places, we create imaging and real-time PCR systems that combine smart, simple workflows with high performance and affordability to accelerate your science.

EXHIBITOR DESCRIPTIONS

Bangs Laboratories

Booth #: 606

<http://www.bangslabs.com>

Manufacturer and OEM supplier of magnetic, gold, polymer, and silica nanoparticles used in microarrays, lateral flow assays, SPRI-based or affinity-based NGS library preps, biosensors, microfluidic devices, and automated systems. We offer multiple diameters and formats with or without functional groups such as streptavidin, Protein A/G, carboxyl, and more for medical diagnostics, analytical instruments, or bioseparations research and development.

bio molecular systems

Booth #: 1327

<http://www.biomolecularsystems.com>

Bio Molecular Systems is a biotechnology company that designs and manufactures instrumentation for the life sciences. Established in 2010 by former founders of Corbett Life Sciences, BMS has expertise in developing innovative, robust, 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 and product evolution.

Biocartis 

Booth #: 825

<http://www.biocartis.com/us>

Biocartis' proprietary MDx Idylla™ platform is a rapid 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 #: 831

<http://www.biodot.com>

BioDot is a global supplier of low volume dispensing systems with more than 5,000 instruments installed worldwide. Our strength lies in the advanced technology behind the dispensing of cells and other reagents in Nanoliter and Picoliter volumes. Our continuous in-line and batch processing systems are customizable and offer the precision, flexibility, and robustness to scale your production vertically and horizontally.

Biofidelity

Booth #: 1331

<http://www.biofidelity.com>

Biofidelity is a rapidly growing commercial-stage genomic technology company dedicated to improving and extending the lives of patients with cancer by enabling better targeting of therapies, early detection of treatment resistance and routine monitoring of treatment response.

Biolyph

Booth #: 800

<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.



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Bionano Genomics **CORPORATE PARTNER**

Booth #: 625

<https://bionano.com/>

Bionano provides genome analysis solutions to help researchers and clinicians reveal answers to challenging questions in biology and medicine. Bionano's mission is to transform the way the world sees the genome through OGM solutions for applications across basic, translational and clinical research, a platform-agnostic genome analysis software solution and nucleic acid extraction and purification solutions. For more information, visit www.bionano.com.

Bioneer Inc.

Booth #: 700

<http://us.bioneer.com>**BiOptic Inc.**  

Booth #: 1620

<http://www.bioptic.com.tw/>

BiOptic Inc. is a biotechnology instrumentation company that develops innovative scientific products for research and clinical applications. The company was founded in 2004, with a vision of establishing high-quality, value-added, and customer-driven OEM/ODM solutions by developing and manufacturing products utilizing Capillary Gel Electrophoresis (CGE) Technology for biotechnology laboratories all over the world.

Bio-Rad Laboratories, Inc.

Booth #: 1125

<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. With expertise in droplet digital PCR, real-time PCR, and designing molecular quality controls and standards, we are driving innovation and quality to advance the field of molecular diagnostics.

BioTouch Global

Booth #: 1500

<http://www.biotouchglobal.com>

BioTouch is a single-source, global healthcare logistics solution. We bring a higher level of care to healthcare, delivering custom medical kitting, medical courier, printing and promotional, technology, and temperature control solutions to healthcare organizations and labs around the world.

BioView USA

Booth #: 500

<http://bioview.com>

BioView offers cutting-edge automated solutions for cell imaging and analysis in cytology, cytogenetics, and pathology. The company next-generation Karyotype and FISH applications ensure precision and ease of use. Visit our booth to see how BioView's AI and cloud-based applications can simplify and expedite your laboratory workflow.



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Bristol Myers Squibb **CORPORATE PARTNER**

Booth #: 1422

<http://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 and neuroscience. Our employees work every day to transform patients' lives through science.

BugSeq 

Booth #: 1502

<http://bugseq.com>

BugSeq is a leader in providing automated, user-friendly and secure bioinformatic analysis for microbiology laboratories. Currently deployed in hundreds of public health, clinical and research laboratories, BugSeq's analysis suite delivers unparalleled data analytics and industry-leading expertise to convert sequencing data into actionable results. By enabling profiling unlimited microorganisms and markers of AMR, BugSeq enables adoption of sequencing to improve health.

CareDx 

Booth #: 530

<https://caredx.com/>

CareDx, Inc., based out of Brisbane, California, is dedicated to improving the lives of organ transplant patients through non-invasive diagnostics. By combining the latest advances in genomics and bioinformatics technology, with a commitment to generating high quality clinical evidence through trials and registries, CareDx is at the forefront of organ transplant surveillance and pre-transplant HLA typing solutions.

Caris Life Sciences

Booth #: 607

<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.

Celemics, Inc

Booth #: 1530

<http://www.celemics.com/>

Celemics is a Next Generation Sequencing (NGS) full solution provider based on target enrichment technology. We offer custom target enrichment panels and high-quality pre-set panels, covering fields such as Inherited Diseases, Oncology, Immunology, and Pathogen Diagnostics. With 13 years of experience, we will provide the best solution for your Targeted Sequencing.

Cellecta, Inc.

Booth #: 1419

<http://www.cellecta.com>

Cellecta Inc. is a trusted provider of genomic products and services for drug target and biomarker discovery. Since 2006, we have collaborated with the world's leading pharma, biotech, government, and academic institutions. We apply our extensive expertise in viral vector production, functional screening, custom cell engineering and multiplex qRT-PCR to help researchers find the genes that matter.



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Cepheid

Booth #: 1032

<http://www.cephid.com>

Cepheid is dedicated to improving healthcare by developing, manufacturing, and marketing accurate yet easy-to-use molecular systems and tests. By automating highly complex and time-consuming manual procedures, the company's solutions deliver a better way to perform sophisticated genetic testing for organisms and genetic-based diseases. The company is focusing on those applications where accurate, rapid, and actionable test results are needed most.

Ceres Nanosciences

Booth #: 408

<http://www.ceresnano.com>

Nanotrap® particles are engineered hydrogel particles that capture, concentrate, and preserve low abundance analytes from complex matrices. They are compatible with most downstream measurement or analysis techniques and enable the discovery or detection of analytes like pathogens, nucleic acids, proteins, hormones, extracellular vesicles, and small molecules. They are available in off-the-shelf formats or can be customized for your application.

Clinisys 

Booth #: 502

<http://www.clinisys.com/us/en/>

Clinisys enables healthier and safer communities as a global provider of intelligent laboratory informatics solutions and expertise that redefine the modern laboratory across healthcare, life sciences, public health and safety. Millions of laboratory results and data insights are generated every day using Clinisys' platform and cloud-based solutions in over 4,000 laboratories across 34 countries.

College of American Pathologists

Booth #: 519

<http://cap.org>

The world's largest organization of board-certified pathologists, the College of American Pathologists (CAP) serves patients, pathologists, and the public. Through our Laboratory Quality Solutions—accreditation, proficiency testing, and cancer protocols—we partner with laboratories to elevate the quality of laboratory medicine, offering solutions that drive operational excellence, achieve diagnostic confidence, and ensure the best patient care. Visit cap.org for information.

College of American Pathologists Periodicals

Booth #: 503

<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.

Complete Genomics

Booth #: 1524

<http://completegenomics.com>

Founded in 2005 and based in San Jose, CA, Complete Genomics is a pioneering life sciences company that provides novel, complete sequencing solutions including sample & library preparation, lab automation, sequencing, and data analysis.

EXHIBITOR DESCRIPTIONS

Copan Diagnostics, Inc.

Booth #: 721

<http://www.copanusa.com>

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 #: 1603

<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. For more information, visit catalog.coriell.org.

Devyser

Booth #: 1509

<http://devyser.com/>

We are pioneers in diagnostic kits and solutions for advanced DNA testing. Our goal is to eliminate tedious protocols and streamline laboratory workflows with simple, fast, and easy-to-use solutions. So all patients receive a correct diagnosis and faster treatment in the shortest time possible.

diagenode

Booth #: 1606

<http://www.diagenode.com>

Diagenode, a Hologic company, is a leading global provider of complete solutions for epigenetics research, biological sample preparation, and diagnostics assays. Diagenode has developed a comprehensive approach to gain new insights into epigenetics studies. Diagenode offers innovative Bioruptor® shearing, reagent kits, and high-quality antibodies to streamline DNA methylation, ChIP, and ChIP-seq workflows.

Diagnexia 

Booth #: 931

<https://www.diagnexia.com/us>

Diagnexia is a virtual pathology department connecting labs to state-licensed, subspecialty-trained pathologists across the country. We efficiently manage your primary diagnostic caseload with a seamless process for case submission and timely reporting. Whether you have a digital scanner or not, Diagnexia ensures comprehensive digital reports and secure data integration, allowing you to focus on patient care.



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DNAexus 

Booth #: 527

<http://www.dnanexus.com>

DNAexus is a pioneer in providing data analysis and management solutions for life sciences. Our cloud-based platform empowers data stakeholders by offering advanced tools for clinico-omics data analysis, fostering insights into disease mechanisms, therapeutic target discovery, and precision medicine. DNAexus emphasizes collaboration, security, and compliance, ensuring data handling meets the highest standards, thus accelerating scientific discovery and innovation in healthcare.

dynamic devices 

Booth #: 403

<http://dynamicdevices.com>

Dynamic Devices is a recognized leader in high-performance automated liquid handling, providing advanced robotic pipetting systems. Our Lynx[®] platform w/award-winning VVP[®] tech, enables direct volumetric measurement and recording of each and every liquid transfer. Fully independent volumes in all 96 or 24 multi-channel heads expands pipetting workflow efficiency. Perform normalizations, serial dilutions and other common routines in record time!

Element Biosciences

Booth #: 701

<http://www.elementbiosciences.com>

At Element Biosciences, our mission is to develop innovative genetic analysis tools that empower the scientific community greater freedom and flexibility to accelerate our collective impact on humanity. We believe that your science can't—and shouldn't—wait. Our AVITI system uses revolutionary and proprietary technology to deliver high-quality sequencing on a benchtop instrument at low run costs.

Eli Lilly and Company **CORPORATE PARTNER**

Booth #: 719

<http://www.lilly.com>

Lilly is a medicine company turning science into healing to make life better for people around the world. We've been pioneering life-changing discoveries for nearly 150 years, and today our medicines help more than 51 million people across the globe. That includes delivering clinical trials that reflect the diversity of our world to ensure our medicines are accessible and affordable.

ELITechGroup Molecular Diagnostics

Booth #: 826

<http://www.elitechgroup.com>

ELITechGroup Inc. provides molecular diagnostic solutions for laboratories focused on specialty testing. With our ELITe InGenius[®] Sample-to-Result PCR platform, our comprehensive portfolio of assays and reagents, and our in-depth technical support, ELITechGroup provides unprecedented efficiency for laboratory developed procedures. The ELITe InGenius combines automated extraction, PCR set up, thermal cycling and results interpretation for unparalleled ease of use and performance.

Empire Genomics

Booth #: 702

<http://empiregenomics.com/>

Empire Genomics, a Biocare Medical company, is the First Choice in FISH probes for clinical and research purposes. With over one million unique biomarkers, we empower leading institutions to develop clinically relevant tests faster. Empire Genomics offers optimized FISH and CISH probes designed and optimized for specific genes and regions across the human and mouse genomes.

EXHIBITOR DESCRIPTIONS

EntroGen

Booth #: 708

<http://www.entrogen.com>

EntroGen is a Los Angeles-based biotechnology company with a primary focus on molecular diagnostics in the areas of hematology and oncology. EntroGen has a growing commercial portfolio of real-time PCR and NGS based tests, with many of its products being used to guide and monitor targeted therapies for various malignancies.

EpigenDx Inc 

Booth #: 1420

<http://www.epigenDx.com>

EpigenDx is dedicated to providing precise and dependable products and services for uncovering the intricate patterns of DNA methylation dynamics. Our goal is to empower researchers, enhance clinical diagnostics, and advance therapeutic developments within the realm of epigenetics. We employ NGS technologies to provide single base-pair resolution at each CpG site.

Evizia 

Booth #: 525

<http://eviziadx.com>

Evizia is an early-stage life-science tools company based in VA, commercializing PRECYSE, a novel direct biomolecule physical imaging and analysis platform. PRECYSE is a desktop instrument based on HSAFM that utilizes an inexpensive non-cold-chain consumable to deliver single-molecule sensitivity in a fast easy workflow. Applications include NGS-QC, DNA mapping, repeat expansion, protein-DNA binding, sizing of UHMW DNA, and more.

Exact Sciences

Booth #: 410

<http://www.exactsciences.com/>

A leading provider of cancer screening and diagnostic tests, Exact Sciences gives patients and health care professionals the clarity needed to take life-changing action earlier. Building on the success of the Cologuard® and Oncotype® tests, Exact Sciences is investing in its pipeline to develop innovative solutions for use before, during, and after a cancer diagnosis.

FORMULATRIX

Booth #: 1031

<http://formulatrix.com/>

Revolutionize Liquid Handling in Your Lab
FORMULATRIX® microfluidic reagent dispensers provide researchers with the most precise and efficient dispensing of enzymes, buffers, and compounds for the generation of trustworthy results. Read more about FORMULATRIX liquid handling solutions to better understand how to miniaturize reaction volumes, conserve precious reagents, and increase the reproducibility of your biological sample preparation.

Foundation Medicine, Inc

Booth #: 1324

<http://www.foundationmedicine.com>

Foundation Medicine is a molecular information company dedicated to a transformation in cancer care in which treatment is informed by a deep understanding of the genomic changes that contribute to each patient's unique cancer.



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EXHIBITOR DESCRIPTIONS

Galatea Bio 

Booth #: 932

<http://galatea.bio>

Galatea Bio is a biotechnology company committed to driving groundbreaking discoveries in healthcare by pairing genetic diversity with cutting-edge data analytics. We focus on populations historically underrepresented in genetics research. We leverage our world-class clinical network and biobank, cutting-edge algorithms, and innovative analyses to discover and validate new tests and treatments that will improve the lives of all.

GENCURIX  

Booth #: 531

<https://www.gencurix.com/eng/index.php>

Gencurix Inc. possesses expertise in developing digital PCR content and has successfully commercialized products. We also offer customized diagnostic services using NGS and other advanced technologies tailored for CLIA labs. Our focus is on providing innovative solutions to enhance personalized cancer diagnostics and improve patient outcomes globally.

General Biologicals Corporation  

Booth #: 1330

<http://www.gbc.com.tw/en/contactus/>

Over 40 Years' Experience, our purpose has remained the same- to create better and more affordable in-vitro diagnostics that are accessible to everyone. Our in-vitro diagnostic tests portfolio including respiratory infections, blood virology, sexual health, oncology and human genetics and emerging infectious diseases, and equipment are now the trusted solution for hospital professionals, lab technicians, blood banks, and consumers worldwide.

Genetic Tools, LLC

Booth #: 824

<http://www.genetictoolsllc.com>

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

Genial/Rainbow Scientific 

Booth #: 523

<http://www.rainbowsscientific.com>

Genial/Rainbow Scientific offers innovative software solutions for the healthcare sector. iGene is designed to optimize genomic workflows and clinical services, enhancing efficiency and streamlining processes. iPassport is a comprehensive, secure, cloud-based compliance solution for healthcare laboratories. It helps labs achieve and maintain accreditation, ensure inspection readiness, and eliminate non-conformities, all while saving time and reducing costs.

Genomenon & CKB 

Booth #: 1233

<http://www.genomenon.com/>

Genomenon is a leading genomic intelligence company dedicated to improving the quality of patients' lives by uncovering the genomic drivers of genetic disease and cancer. Blending the power of AI with genomic expertise, Genomenon simplifies complex genetic data into actionable insights for patient diagnosis and precision medicine development. The company's solutions include software, data, and services.

EXHIBITOR DESCRIPTIONS

GenomeWeb

Booth #: 1326

<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 #: 1623

<http://genomictestingcooperative.com>

GTC offers CGP of DNA/RNA for solid/hematologic malignancies + Liquid Trace an LBx that analyses cfDNA and cfRNA. We have a fast TAT of 5-10 days and a QNS rate of < 1%. Our cooperative model allows us to partner with laboratories, hospitals, and others to share resources which create efficiencies in cost and quality. GTC's testing is covered by Medicare."

GenomOncology

Booth #: 1231

<http://genomoncology.com>

GenomOncology (GO) enables real-time clinical decision support at the point of care for molecular pathology, oncology, and cancer informatics teams. GO's solutions for molecular pathologists address the full range of requirements for precision medicine, including integrating directly with lab sequencers, annotating detected variants from raw genomic data, recommending potential clinical trials, and producing a comprehensive customizable summary report.

Golden Helix

Booth #: 1511

<http://goldenhelix.com>

Golden Helix delivers leading bioinformatics solutions that enable hospitals, testing labs, research institutions, and country-wide genome initiatives to conduct a wide spectrum of clinical tests and facilitate genomic research. Users can identify the cause of disease, gain diagnostic insights, and improve the safety and efficacy of treatments, helping to realize the promise of personalized medicine.

GoPath Diagnostics

Booth #: 1301

<http://gopathdx.com>

GoPath Diagnostics, a diagnostic reference lab specializing in cancer genetics and molecular pathology, utilizes cutting-edge testing technologies and has global technology-only options. With GeneticsNow, OncoTarget, and OncoTracking, innovative solutions are developed through skilled teamwork and industry partnerships. GoPath conducts a range of tests including IHC, FISH, molecular PCR, cytogenetics, and NGS.

Hamilton Company

Booth #: 1411

<http://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.



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EXHIBITOR DESCRIPTIONS

Healthbit

Booth #: 1027

<https://www.healthbit.ai>

Healthbit, the creator of LabOS, was founded by a Molecular Pathologist with a mission to revolutionize laboratory operations. Born from firsthand experience with lab challenges, Healthbit aims to empower lab professionals in managing patient workflows efficiently. By bridging the gap between clinical needs and technological solutions, Healthbit is transforming the landscape of molecular diagnostics and pathology.

Hochuen Medical USA Corp. 

Booth #: 725

<http://www.hochuen-med.com>

Hochuen is a leading OEM/ODM manufacturer of medical disposables based in US with manufacturing sites in Malaysia and China. We specialize in injection molding, LSR, die-cutting, lamination, microfluidics, blister packing, plastic bonding (laser welding, ultrasonic welding, heat staking), laser cutting, dry reagent handling, screen printing, packaging, etc. We offer rapid turnaround and significant cost reduction. Hochuen is ISO 13485 certified.

Hologic **CORPORATE PARTNER**

Booth #: 1101

<https://www.hologic.com>

An innovative medical technology company primarily focused on improving women's health and well-being, Hologic enables healthier lives everywhere, every day, with clinical superiority that delivers life-changing diagnostic, detection, surgical and medical aesthetic products rooted in science and driven by technology. Hologic: The Science of Sure in action.

Illumina **CORPORATE PARTNER**

Booth #: 1107

<http://illumina.com>

Serving customers in the clinical, research, and applied markets, Illumina technology is responsible for generating more than 90% of the world's sequencing data.* Illumina is fueling groundbreaking advancements in oncology, reproductive health, genetic disease, and beyond. By empowering large-scale analysis of genetic variation and function, Illumina is enabling studies that were not imaginable just a few years ago.

Inflammatix 

Booth #: 505

<http://www.inflammatix.com>

Inflammatix, Inc., a pioneering molecular diagnostics company headquartered in Sunnyvale, California, USA, is developing novel diagnostics that rapidly read a patient's immune system to improve patient care and reduce major public health burdens. The Inflammatix tests will be developed to run on the company's sample-to-answer isothermal instrument platform, enabling the power of precision medicine at the point of care.

Inocras

Booth #: 1430

<https://inocras.com/>

Inocras is advancing precision health through whole genome insights. We offer whole genome sequencing via our CLIA-certified, CAP-accredited lab. We use the latest Illumina and Ultima sequencers for high-throughput, low-cost data generation. With automated bioinformatics and expert curation, we support both clinical and research needs, providing genomic insights that power precision medicine.

EXHIBITOR DESCRIPTIONS

Inside Precision Medicine

Booth #: 1506

<http://www.insideprecisionmedicine.com>

Inside Precision Medicine (IPM) is the only global media brand covering the full spectrum of precision medicine. Through its flagship Magazine, website, eNewsletters, and dynamic portfolio of broadcast events and multimedia, IPM is the definitive voice for discussions across the field of precision medicine, covering Translational Medicine, Patient Care, Oncology & Multi-Disease Therapeutics, Molecular Diagnostics, and AI & Informatics.

Integrated DNA Technologies, Inc.

Booth #: 810

<https://www.idtdna.com/>

For more than 35 years, IDT has been enabling genomics laboratories with an oligonucleotide manufacturing process unlike anyone else in the industry, with the most advanced synthesis, modification, purification, and quality control capabilities available. Through our founder's dedication to innovation, the highest standards of quality, and deep genomics expertise, IDT has evolved from a leading oligo manufacturer to a genomics.

Intelliseq 

Booth #: 521

<http://intelliseq.com/>

Intelliseq is a genome informatics company offering The iFlow, a cloud-based platform that automates large-scale genomic data analysis and reduces costs. The iFlow converts raw DNA into final reports, accelerating workflows for PGx, Germline Disorders, Somatic Cancer, and Polygenic Risk Scoring. With AI-driven algorithms and APIs, it integrates seamlessly with laboratory information systems (LIMS), enhancing and speeding up bioinformaticians' work.

Invivoscribe **CORPORATE PARTNER**

Booth #: 407

<http://www.invivoscribe.com>

Invivoscribe® is a global technology-driven company focused on precision diagnostics with best-in-class products and services that detect hematologic malignancies to optimize patient care and accelerate drug approvals. Our international LabPMM® network (US, Europe, Asia) offers standardized flow cytometry and molecular testing that support therapeutic decisions, MRD monitoring, and CDx development.

iProcess Global Research Inc

Booth #: 709

<http://www.iprocess.net>

iProcess Global Research offers premier biospecimens and advanced in-house testing and sequencing. With a global network of over 1500 sites, we supply diverse biospecimens like blood, tissue, spleen, stool, and plasma, ensuring exceptional support for your research.

Johnson and Johnson **CORPORATE PARTNER**

Booth #: 1518

<http://jnj.com>

Johnson & Johnson Innovative Medicine is leading where medicine is going. Patients inform and inspire our science-based innovations, which continue to change and save lives. With rigorous science and compassion, we confidently address the most complex diseases of our time and unlock the potential medicines of tomorrow. Therapeutic areas include: Oncology, Immunology, Neuroscience, Cardiovascular, Pulmonary Hypertension, and Retina.



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EXHIBITOR DESCRIPTIONS

Labbit  

Booth #: 1531

<http://labbit.com>

Labbit is flexible, all-in-one LIMS software. Built from extensive experience implementing legacy LIMS for high-complexity labs like molecular diagnostics, Labbit addresses problems associated with these rigid systems to deliver a modern laboratory informatics solution. Labbit is quickly configured to represent even the most complex workflows and is easily adapted to evolving science and changing regulations without extensive custom development work.

Labcorp

Booth #: 1225

<http://www.oncology.labcorp.com>

Labcorp is a global leader of innovative and comprehensive laboratory services that helps doctors, hospitals, pharmaceutical companies, researchers and patients make clear and confident decisions. We provide insights and advance science to improve health and improve lives through our unparalleled diagnostics and drug development laboratory capabilities.

LabTurbo Biotech

Booth #: 630

<http://www.labturbo.com>**LABWARE**

Booth #: 1407

<http://www.labware.com>

LabWare is recognized as the global leader in providing enterprise-scale Laboratory Information Management Systems and electronic laboratory notebook solutions. Our Enterprise Laboratory Platform combines the award-winning LabWare LIMS™ solution with LabWare ELN™, a comprehensive Electronic Laboratory Notebook application, enabling clinical research and diagnostic labs to optimize compliance, improve quality, increase productivity and reduce costs.

LGC Biotech Technologies

Booth #: 1526

<https://www.biosearchtech.com/>

LGC Biosearch Technologies provides mission-critical analysis tools, reagents and instruments to companies that are bringing new products to market quickly, cost-effectively, and safely. Our combined expansive portfolio and cross industry in-depth expertise enables us to provide you with comprehensive, competitive and innovative support across your entire genomics workflow and at every stage of your product development pipeline.

LGC Clinical Diagnostics

Booth #: 1427

<http://www.lgclinicaldiagnostics.com>

SeraCare is a leading partner to global IVD manufacturers and clinical testing laboratories. Our expanding portfolio of clinical genomics QC products and technologies includes reference materials for TMB, liquid biopsy, tumor sequencing, germline mutation testing, NIPT, and infectious disease. Today, SeraCare is advancing data integration with products for better QC and regulatory compliance.

EXHIBITOR DESCRIPTIONS

LRE Medical 

Booth #: 1722

<http://www.lre.de>

LRE Medical is a leading contract Developer and Contract Manufacturer of Medical and In-Vitro-Diagnostic and Life Sciences Instrumentation. LRE offers “One Stop shopping” Solutions (Engineering, Manufacturing, After Sales Service, Lifetime Product Support)

Maine Molecular Quality Controls, Inc.

Booth #: 726

<http://www.mmqi.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 #: 1405

<https://www.mlo-online.com/>

MLO-Medical Laboratory Observer is the premier magazine for the clinical lab professional since 1969. MLO publishes peer-authored articles, CE courses, lab management tips, regulatory updates, industry trends, and new product reviews for medical lab directors and managers.

Merck & Co., Inc. **CORPORATE PARTNER**

Booth #: 801

<https://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 #: 1519

<http://www.meridianbioscience.com/lifescience/>

Meridian is a fully integrated life science company that develops, manufactures, markets, and distributes a broad range of innovative diagnostic and life science products. As the Life Science division, we provide critical raw materials for immunological and molecular diagnostic applications. Our portfolio of antigens, antibodies, blockers, enzymes, and optimized mixes are designed to simplify assay design and deliver accurate results.

Merus 

Booth #: 706

<http://Merus.nl>

Merus is a clinical-stage oncology company developing innovative full-length human bispecific and trispecific antibody therapeutics, referred to as Multiclonics®. Multiclonics® are manufactured using industry standard processes and have been observed in preclinical and clinical studies to have several of the same features of conventional human monoclonal antibodies, such as long half-life and low immunogenicity.



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EXHIBITOR DESCRIPTIONS

MetaSystems Group, Inc.

Booth #: 1404

<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 #: 1431

<https://mlabs.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.

Microbiologics 

Booth #: 626

<http://Microbiologics.com>

Microbiologics is the go-to partner for infectious disease diagnostic quality controls, focused on protecting the health of people around the world. They offer the broadest collection of third-party IVD controls for simple, reliable QC testing of traditional and molecular infectious disease diagnostics. They also partner with diagnostic technology developers to manufacture custom biological materials for every step of the process.

Microbix  

Booth #: 1030

<http://microbix.com>

Microbix manufactures infectious disease pathogens from culture and proprietary, synthetic biology as needed. Once inactivated, they are used as raw materials by assay manufacturers or processed into molecular and antigen controls in liquid, FLOQSwab or FFPE formats, for EQA and ongoing QC use by assay manufacturers and users. We also provide control elution buffer for use with the control samples.

MilliporeSigma

Booth #: 401

<http://www.milliporesigma.com>

MilliporeSigma, the Life Science business of Merck KGaA, Darmstadt, Germany, employs around 28,000 people and operates globally. We offer over 300,000 products for scientific discovery, biomanufacturing, and diagnostics. Our services include risk mitigation, lab efficiency solutions, IVD contract manufacturing, and access to critical raw materials, supporting clinical testing labs and IVD manufacturers in regulatory compliance.

MRC Holland 

Booth #: 507

<http://www.mrcholland.com>

MRC Holland is a biotechnology company specialised in assays for gene copy number and methylation status detection. MRC Holland is best known as the producer of SALSA® MLPA® assays. We also offer SALSA® digitalMLPA™, the bridge between MLPA and NGS, and a SALSA® Melt Assay for newborn screening. Applications of our probemixes include hereditary disorders and tumour profiling.

EXHIBITOR DESCRIPTIONS

MRIGlobal 

Booth #: 600

<http://www.mriglobal.org>

MRIGlobal offers government and commercial clients services that include assay design, assay development, analytical verification, clinical comparator testing, and clinical validation and verification through regulatory submission. We provide extensive research and product development expertise; facilities, analytical services, clinical trial site, and clinical trial services and support; and regulatory guidance to support FDA, EUA, and 510(k) submission filings.

NeoGenomics

Booth #: 830

<http://neogenomics.com/>

NeoGenomics is the trusted partner and provider of choice when it comes to cancer solutions empowering providers to make informed decisions. As oncology specialists with over 20 years of experience, our trusted portfolio offers the most comprehensive suite of solutions. We operate CAP-accredited, CLIA certified laboratories serving the needs of pathologists, oncologists, academic centers and hospital systems.

New England Biolabs

Booth #: 1618

<http://www.neb.com>

For over 40 years, New England Biolabs, Inc. has led the industry in the supply of molecular biology reagents. In addition to products for genomics, NEB continues to expand its offering into areas related to PCR and qPCR, gene expression, sample preparation for next gen sequencing, synthetic biology, glycobiology, genome editing, epigenetics and RNA analysis.

nRichDX

Booth #: 1321

<http://www.nrichdx.com>

Liquid Biopsy sample prep matters. Power your LBx assays with nRichDX's Revolution Sample Prep System and Kits for cfDNA, cfTNA/cfRNA extraction from plasma, urine, and other biofluids, and CTC enrichment from blood. The Revolution System's unique nRicher Cartridge has the broadest range of sample input volumes in a single extraction for higher analyte yields, greater assay sensitivity, and earlier detection.

OGT

Booth #: 820

<http://ogt.com>

OGT, part of the world's largest hematology diagnostic provider Sysmex, are pioneers in genetic diagnostic hybridization technology. Our CytoCell® FISH probes, CytoSure® arrays and SureSeq™ NGS panels deliver the clearest insights into hematological malignancies, simplifying the detection of challenging biomarkers. Supported by our unmatched clinical expertise and support, our solutions clarify your journey from sample to analysis.

Omega Bio-tek 

Booth #: 1608

<http://omegabiotek.com>

Omega Bio-tek, founded in 1998, is an ISO 9001:2015 and ISO 13485:2016 certified, industry-leading manufacturer of DNA/RNA purification kits for clinical, biotechnology, and genomics research. With a diversified product portfolio for low-throughput to high-throughput purification, Omega Bio-tek kits purify high-quality nucleic acids from a variety of samples. Omega Bio-tek's products and services are used in universities and research institutes worldwide.



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EXHIBITOR DESCRIPTIONS

OncoKB

Booth #: 1421

<http://www.oncokb.org>

OncoKB™ is a precision oncology knowledge base developed at Memorial Sloan Kettering Cancer Center that contains biological and clinical information about genomic alterations in cancer. Alteration- and tumor type-specific therapeutic implications are classified using the OncoKB™ Levels of Evidence system, which assigns clinical actionability to individual mutational events.

Opentrons Labworks

Booth #: 1403

<http://opentrons.com>

The next generation of lab automation is here. The Flex is everything today's lab automation systems are not - The Opentrons Flex is flexible, versatile and liberating. It fits your science.

OPS Diagnostics LLC ✨

Booth #: 730

<http://opsdiagnostics.com>

OPS Diagnostics provides customized solutions to sample preparation, nucleic acid extraction, and long-term sample storage problems. Our affordable line of products provides high quality results without dangerous chemicals or time-wasting procedures, and our independent attitude guarantees a customer service experience like no other. Feel free to stop by booth 730 to learn more about how we can serve you!

OPTOLANE Technologies Inc.

Booth #: 933

<http://www.optolane.com>**Oxford Nanopore Technologies Ltd.**

Booth #: 1510

<http://www.nanoporetech.com>

Oxford Nanopore Technologies aims 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 research samples: from SNVs to epigenetic alterations and large-scale structural aberrations.

PacBio

Booth #: 418

<http://pacb.com>

PacBio: Our revolutionary sequencing technologies combine the completeness of long reads with the accuracy of short reads to provide the most comprehensive view of genomes, transcriptomes, and epigenomes.

Paragon Genomics, Inc.

Booth #: 1508

<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.

EXHIBITOR DESCRIPTIONS

PCR Biosystems 

Booth #: 1609

<http://www.pcrbio.com>

PCR Biosystems is a leading developer of PCR reagents for molecular research, diagnostics and NGS. We offer a wide range of solutions including high-performance polymerases, thermostable reverse transcriptases, lyophilisable and air-dryable reagents, and proprietary hot start technologies to maximise yield and sensitivity even in the most challenging of reactions.

Pfizer **CORPORATE PARTNER**

Booth #: 603

<https://www.pfizer.com/>

Pfizer Oncology is at the forefront of a new era in cancer care. Driven by science, we are committed to accelerating breakthroughs to extend and improve the lives of people living with some of the world's most common cancers.

Phase Genomics

Booth #: 1029

<http://phasegenomics.com/>

Phase Genomics applies proprietary proximity ligation technology to enable chromosome-scale genome assembly, microbiome discovery, as well as analysis of genomic variation and genome architecture. In addition to a comprehensive portfolio of laboratory and computational services and products, including kits for plants, animals, microbes, and human samples, we also offer an industry-leading genome and metagenome assembly and analysis software.

Pillar Biosciences Inc.

Booth #: 1307

<http://www.pillarbiosci.com>

Pillar Biosciences develops and manufactures targeted next-generation sequencing-based assays and software for NGS laboratories. Utilizing proprietary SLIMamp target enrichment technology and PiVAT bioinformatics pipeline, Pillar offers catalog and custom panels with simplified workflow and robust automatable solutions to deliver highly sensitive results from low input DNA samples including liquid biopsy.

Precision for Medicine

Booth #: 1311

<https://www.precisionformedicine.com/>

The name Precision for Medicine was chosen in 2012, signaling a commitment to a new movement shaping medical R&D—bringing precision to the development of novel treatments. Integrating biomarker capabilities, worldwide CRO services, in-country regulatory expertise, specialty and central labs, technical manufacturing solutions and more, allows Precision to solve sponsor challenges and deliver life-change therapies without a lifetime of development.

Promega Corporation

Booth #: 511

<http://promega.com>

Promega Corporation excels in providing innovative solutions and technical support to clinical labs. From custom and OEM manufacturing to cutting-edge nucleic acid extraction and PCR optimization, we streamline workflows and enhance efficiency. Promega, headquartered in Madison, WI, has branches in 16 countries and over 50 global distributors, ensuring global reach and local support.



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EXHIBITOR DESCRIPTIONS

Puritan Medical Products

Booth #: 423

<http://www.puritanmedproducts.com>

Puritan Medical Products, a family-owned business in Maine since 1919, is the leading US manufacturer of single-use tipped applicators and transport devices for clinical and diagnostic specimen collection. Their line includes fiber, foam, fabric, and patented PurFlock Ultra® and HydraFlock® flock swabs for bacterial, viral, fungal, and molecular specimens.

Reference Medicine

Booth #: 406

<http://referencemedicine.com>

Reference Medicine was founded to connect oncology diagnostic developers with reliable, affordable, and hassle-free specimens. We work with collection sites worldwide to build a just-in-time bank of high-quality specimens formatted for all stages and types of oncology assay development - from early development through to test maintenance and across slide, tissue, liquid biopsy, and image-based cancer detection.

ResearchDx

Booth #: 602

<http://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.

Revvity

Booth #: 1400

<http://www.revvity.com>

Revvity provides health science solutions, technologies, expertise, and services that deliver complete workflows from discovery to development, and diagnosis to cure. Revvity is pushing the limits of what's possible in healthcare, with specialized focus areas in translational multi-omics technologies, biomarker identification, imaging, prediction, screening, detection and diagnosis, informatics and more.

Roche Diagnostics Corporation **CORPORATE PARTNER**

Booth #: 901

<http://usdiagnostics.roche.com>

Roche provides innovative clinical diagnostic, life science research, dPCR, and next generation sequencing-based solutions to empower your lab. We are dedicated to creating diagnostic tools and developing techniques that are tailored to individual genetic and disease profiles, meeting the demands of research and clinical practice to deliver on the promise of personalized medicine.

SalivaDirect Inc.

Booth #: 627

<http://www.eventbrite.com/e/third-annual-salivadirect-inc-conference-tickets-808129074817>

The SalivaDirect™ test was developed at the Yale School of Public Health to enable communities and labs to establish affordable and equitable SARS-CoV-2 testing programs by leveraging their existing resources. Now existing as an independent non-profit, SalivaDirect, Inc. is dedicated to enhancing public health through accessible testing strategies.

EXHIBITOR DESCRIPTIONS

Sapio Sciences

Booth #: 427

<http://www.sapiosciences.com>

Sapio Sciences' mission is to improve lives by accelerating discovery, and because science is complex, Sapio makes technology simple. Sapio is a global business offering an all-in-one science-aware (TM) lab informatics platform combining cloud-based LIMS, ELN, and Jarvis data solutions. Customers love Sapio's platform because it is robust, scalable, and with no-code configuration.

SCC Soft Computer

Booth #: 1507

<http://www.softcomputer.com>

SCC Soft Computer's laboratory and genetics information system solutions accommodate clinical laboratory and anatomic pathology test ordering and reporting. Our fully integrated systems eliminate the need for costly add-ons providing a seamless interface that links all clinical laboratory departments. Tremendous flexibility is provided to allow the distribution of data and results from the laboratory to the entire care provider network.

Sectra 

Booth #: 1625

<https://medical.sectra.com>

With over 30 years of innovation and more than 2,500 installations around the globe, Sectra is a leading imaging IT provider to health systems worldwide. Sectra offers a complete enterprise solution comprised of imaging modules (radiology, cardiology, pathology, orthopedics, and ophthalmology) and a robust VNA. For 11 consecutive years, Sectra has been awarded Best in KLAS for highest customer satisfaction.

Seegene

Booth #: 1401

<http://www.seegeneus.com>

Seegene USA is Overcoming the Limits of Conventional PCR! Seegene USA is a leading developer of multiplex molecular assays and automated solutions for US labs. Our user-friendly workflow and comprehensive PCR results empower evidence-based research. With our cutting-edge technology, we enable simultaneous detection of up to 9 targets in a single PCR reaction, streamlining your lab's efficiency and reducing costs.

SeqMatic  

Booth #: 622

<http://www.seqmatic.com/>

SeqMatic is a California based CLIA/CAP/GxP accredited laboratory providing end-to-end Next Generation Sequencing (NGS) and omics workflow solutions. Leveraging analytical platforms in histopathology, genomics, single-cell, and spatial transcriptomics, SeqMatic supports the entire drug development cycle, from discovery to clinical analysis. We offer unparalleled customer service, fast turnaround time, and a white-glove approach to each project.

Seqone  

Booth #: 526

<http://seqone.com/>

SeqOne is a fast-growing deep-tech company focused on turning genomic data into medically-actionable insights in oncology and rare and inherited diseases. Our vision is to make personalized healthcare a reality for every patient. Integrating cutting-edge AI and big data technologies, our CE-IVD platform provides time saving, flexible, and cost-effective decision support, empowering decentralized laboratories worldwide to deliver precision diagnostics.



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EXHIBITOR DESCRIPTIONS

Singular Genomics

Booth #: 1126

<http://www.singulargenomics.com>

Singular Genomics launched the G4 Sequencing Platform in 2022 featuring a novel 4-color rapid sequencing-by-synthesis (SBS) chemistry and single-day turnaround times. Our recently launched G4X Spatial Sequencer, which is an upgrade to the G4 Sequencing Platform, is designed to offer high throughput in situ direct sequencing of RNA (Direct-Seq™), targeted transcriptomics, and proteomics profiling from formalin-fixed, paraffin-embedded (FFPE) tissues.

SoftGenetics, LLC

Booth #: 631

<http://www.softgenetics.com>

Featuring NextGENE software for analysis of NGS data including Variations – SNVs/ Indels/Somatics/Structural/Copy Number and HLA; Geneticist Assistant NGS Workbench, a knowledge-base 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 no cost trials of each program

SOPHiA GENETICS

Booth #: 1131

<http://www.sophiagenetics.com>

At SOPHiA GENETICS, we believe in building a more sustainable global healthcare system. That's why we developed SOPHiA AI, the advanced technology for Data-Driven Medicine, enabling healthcare institutions around the world make sense of genomic and radiomic data. By empowering clinical researchers to leverage their expertise and work as a community, we democratize Data-Driven Medicine together.

STEMCELL Technologies Inc. 

Booth #: 1706

<http://stemcell.com>

STEMCELL Technologies offers cell isolation solutions to enhance the sensitivity of multiple myeloma assays, crossmatch, chimerism analysis, and more. Our EasySep™ technology provides an easy, column-free way to isolate cells, which can be fully automated with RoboSep™ to increase lab efficiency. Our Diagnostic Partnerships and OEM Solutions program helps you develop customized sample preparation solutions to meet your specific needs.

Streck

Booth #: 808

<http://www.streck.com/>

Established in 1971, Streck develops quality control and sample stabilization products that help clinical and research laboratories worldwide feel confident in the validity of their results. Streck products are manufactured in La Vista, Nebraska and delivered to over 13,000 labs in 65 countries around the world.

Takara Bio USA

Booth #: 1207

<http://www.takarabio.com>

Takara Bio USA, Inc., (TBUSA; formerly Clontech Laboratories, Inc.) is a wholly owned subsidiary of Takara Bio Inc. that manufactures and distributes kits, reagents, and instruments for life sciences research applications, including NGS, PCR, gene delivery, genome editing, stem cell research, nucleic acid and protein purification, and automated sample preparation.



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EXHIBITOR DESCRIPTIONS

Targeted Bioscience

Booth #: 620

<https://www.targetedbioscience.com/>

Targeted advances precision medicine through innovative biotechnology solutions. Our mission: develop cutting-edge tools/therapies enhancing accuracy/efficacy of disease treatments, focusing on oncology/personalized healthcare. Founded by leading scientists and industry experts, we combine expertise in molecular biology, data science, and clinical research filling gaps in current treatment methods. We bring transformative solutions to market through collaboration with academic institutions and healthcare providers.

TE Connectivity - IVD Solutions

Booth #: 727

<http://www.te.com/ivdsolutions>

TE IVD Solutions helps life science, IVD and cell therapy clients transform microfluidic assays into user-friendly, cost-effective, and clinically validated products. With facilities in the US and Europe, we provide end-to-end solutions spanning from concept ideation to full-scale manufacturing. Our expertise includes microfluidic assay integration, design, product development, usability testing, clinical, regulatory compliance and manufacturing of OTC and point-of-care devices.

Tempus

Booth #: 1130

<http://tempus.com>

Tempus is a technology company leading the adoption of AI to advance precision medicine and patient care.

The Pathologist 

Booth #: 624

<http://thepathologist.com>

The Pathologist is a global media brand focused on pathology and laboratory medicine. We cover articles on all aspects of the field – news, personal profiles, new diagnostics and treatment options, education, and career development – with the aim of informing, empowering, and educating laboratory medicine professionals.

Thermo Fisher Scientific **CORPORATE PARTNER**

Booth #: 1218

<https://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.

Thomas Scientific

Booth #: 705

<http://www.thomassci.com>

Thomas Scientific provides the latest in equipment and supplies to the science community. We are a registered contractor for the U.S. Federal Government. Thomas is committed to offering quality laboratory products while catering to the unique needs of the individual customer. Our dedication to provide the best in science equipment with personal, efficient service sets Thomas apart from the competition.



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EXHIBITOR DESCRIPTIONS

Twist Bioscience

Booth #: 1332

<http://twistbioscience.com>

Twist Bioscience, the leader in synthetic DNA with unparalleled precision at scale, is redefining targeted sequencing performance with superior NGS target enrichment solutions. Whether you need library preparation and enrichment components or specific custom panels, Twist can help you achieve higher depth of coverage across target regions with uncompromising quality.

Ultima Genomics 

Booth #: 1521

<http://www.ultimagenomics.com>

At Ultima Genomics, our mission is to continuously drive the scale of genomic information to enable unprecedented advances in biology and improvements in human health. To achieve this, we built a revolutionary new sequencing architecture that scales far beyond conventional technologies, enabling scientists to overcome the tradeoffs they face between the breadth, depth, and frequency of sequencing.

Velsera **CORPORATE PARTNER**

Booth #: 1319

<http://www.velsera.com>

Velsera's mission is to be the discovery, evidence-generation, & clinical delivery platform for precision medicine. We help clinical diagnostics and life sciences experts make better decisions about providing the right therapy to the patients at the right time. Velsera was founded in 2023 due to the merger of Seven Bridges, PierianDx & UgenTec.

Washington University in St. Louis - Pathology Services

Booth #: 1607

<http://pathology.wustl.edu/>

Washington University is an international leader in diagnostic pathology, providing consultation for clinical providers and supervising laboratories that provide information necessary for accurate diagnosis and effective treatment. Washington University Pathology Services, the department's clinical arm for pathologic diagnosis, delivers personalized medicine through subspecialty expertise and state-of-the-art ancillary testing.

Watchmaker Genomics

Booth #: 724

<http://watchmakergenomics.com>

Watchmaker Genomics applies advanced enzymology to enable breakthrough applications for the reading, writing, and editing of DNA and RNA. The company combines deep domain expertise in protein engineering with large-scale enzyme manufacturing to address high-growth genomics applications' demanding quality, performance, and scale requirements.

WellPact  

Booth #: 1627

<http://www.wellpact.com>

WellPact is a women-owned business that provides high-quality custom kitting and logistics solutions that ensure the safe and reliable delivery of at-home test kits, patient care kits, and other medical kits. Born out of a 70-year legacy in secure print, mail, and fulfillment services, WellPact's seasoned professionals uphold the highest standards in customer satisfaction, integrity, and service.

EXHIBITOR DESCRIPTIONS

Xyall BV 

Booth #: 1426

<http://www.xyall.com>

Xyall is on a mission to optimize molecular diagnostic test results for cancer patients by delivering technologies that enable accurate and efficient selection of tumor samples. Selecting high quality tissue samples for oncology molecular diagnostic testing is a labor-intensive, manual process, with limitations in precision and a potential risk of error. Xyall provides a fully automated solution for tissue dissection.

YouSeq Ltd 

Booth #: 501

<http://www.youseq.com>

YouSeq is an expert organisation, specialising in the design, development and manufacture of Next Generation Sequencing (NGS) kits, panels and reagents.

ZeptoMetrix Corporation

Booth #: 711

<http://www.zeptometrix.com>

ZeptoMetrix™ is a leader in the design, development, and delivery of innovative, quality solutions to the Infectious Disease Diagnostics Market. Our expertise and abilities in Molecular Diagnostics, including External Quality Controls, Verification Panels, Proficiency Panels, Customized and OEM Products/Services has set the industry standard for performance and reliability and made us the preferred choice for independent 3rd party QC materials.

Zymo Research Corp.

Booth #: 522

<http://www.zymoresearch.com>

Zymo Research is a globally established biotechnology company and industry leader in the fields of epigenetics, microbiomics and the emerging Next-Gen Sequencing space. Even with the most technologically advanced products in the industry, everything is driven by the fundamental belief that “the beauty of science is to make things simple.”



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- Lower OS, DFS, and PFS have been observed in NRG1+ cancers^{1,4,5}



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DFS, disease-free survival; NRG1, neuregulin 1; NRG1+, neuregulin 1 fusion positive; OS, overall survival; PFS, progression-free survival.

References: 1. Drilon A, Duruisseaux M, Han J-Y, et al. Clinicopathologic features and response to therapy of NRG1 fusion-driven lung cancers: the eNRG1 Global Multicenter Registry. *J Clin Oncol.* 2021;39(25):2791-2802. doi:10.1200/JCO.20.03307 2. Dhanasekaran SM, Balbin OA, Chen G, et al. Transcriptome meta-analysis of lung cancer reveals recurrent aberrations in NRG1 and Hippo pathway genes. *Nat Commun.* 2014;5:5893. doi:10.1038/ncomms5893 3. Laskin J, Liu SV, Tolba K, et al. NRG1 fusion-driven tumors: biology, detection, and the therapeutic role of afatinib and other ErbB-targeting agents. *Ann Oncol.* 2020;31(12):1693-1703. doi:10.1016/j.annonc.2020.08.2335 4. Rosas D, Raez LE, Russo A, Rolfio C. Neuregulin 1 gene (NRG1). A potentially new targetable alteration for the treatment of lung cancer. *Cancers (Basel).* 2021;13(20):5038. doi:10.3390/cancers13205038 5. Shin DH, Lee D, Hong DW, et al. Oncogenic function and clinical implications of SLC3A2-NRG1 fusion in invasive mucinous adenocarcinoma of the lung. *Oncotarget.* 2016;7(43):69450-69465. doi:10.18632/oncotarget.11913