

## Wednesday, September 21, 2022

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|---------------|--|---|
| 8:15 – 8:45   | <b>Registration: Coffee and Breakfast</b>  |   |
| 8:45 – 9:00   | <b>Welcome &amp; Opening Remarks</b><br><i>Diane Miller – University of British Columbia (UBC) – WACD President</i>  |   |
| 9:00 – 10:45  | <b>Session 1: Emerging Technologies</b><br><i>Moderator: Kristen Jepsen, PhD – UC San Diego – WACD Sponsorship</i>   |   |
|               | “Spatial Profiling of Triple Negative Breast Cancers Undergoing Combination Pembrolizumab + RT”  | <b>Nathan Ing – Cedars-Sinai</b>  |
|               | “An Automated Synthetic Biology Approach to Generate Novel Polymers”   | <b>Mike Lake, PhD – BioPACIFIC MIP</b>                                  |
|               | “High Resolution Wastewater Sequencing Uncovers Early, Cryptic SARS-CoV-2 Transmission”  | <b>Smruthi Karthikeyan, PhD – UC San Diego</b>                          |
| 10:45 – 11:00 | <b>Coffee Break</b>  |   |
| 11:00 – 12:00 | <b>Core Technologies 1</b><br><i>Moderator: Diane Miller – University of British Columbia (UBC) – WACD President</i>   |   |
|               |  <b>Takara Bio – Gold Sponsor Talk:</b> “Single-Cell Resolution of Isoform Detection for Novel Biomarker Discovery”   | <b>Bryan Bell, PhD – Takara</b>   |
|               |  <b>Qiagen – Gold Sponsor Talk:</b> “Low-Input Ultraplexed RNA-Seq Library Kits with Integrated Ribosomal RNA Removal”   | <b>Samuel Rulli, PhD – Director, Product Management, Genomics</b>       |
|               | “Applying Statistics to Data Analysis”   | <b>Aria Hahn, PhD – Koonkie</b>   |
| 12:00 – 1:00  | <b>Lunch - Vendor Visits - Networking</b>  |   |
| 1:00 – 2:30   | <b>Session 3: Round Table Topics:</b> Interact with Colleagues and Peers to Solve Common Problems<br><i>Moderator: Diane Miller – University of British Columbia (UBC) – WACD President</i>  |   |
|               | <ul style="list-style-type: none"> <li>• Financing Capital Expenses</li> <li>• Staying Organized and Accurate without Losing Your Mind</li> <li>• Maximizing User Training</li> <li>• Hiring and Training Staff</li> <li>• NIH Data Sharing Policies</li> <li>• Increasing Visibility with Publications and Acknowledgments</li> </ul> |   |
| 2:30 – 3:00   | <b>Coffee Break</b>  |   |
| 3:00 – 4:00   | <b>Session 4: Core Technologies 2</b><br><i>Moderator: Sara Bowen, PhD – Barrow Neurological Institute – WACD Secretary</i>  |   |
|               | <b>Introduction to ABRF</b>  | <b>Sara Bowen, PhD – Barrow Neurological Institute</b>                  |
|               |  <b>Standard BioTools –Platinum Sponsor Talk:</b> “Next-Gen BioTools for Streamlined NGS Library”  | <b>Zachary Farrow – Sr. Field Applications Specialist, Genomics</b>     |
|               |  <b>10X Genomics – Platinum Sponsor Talk:</b> “See Biology in New Ways with Single-Cell and Spatial Technologies”  | <b>Jason Kim – Manager, Science &amp; Technology Advisors, AMR West</b> |
| 4:00 – 5:00   | <b>Keynote Address: Amy Rowat, PhD – Integrative Biology &amp; Physiology, UCLA</b><br><b>“Edible Scaffolds with Tunable Mechanics and Topology for Cultured Meat”</b>   |   |
| 5:00 – 6:30   | <b>Cocktail Reception: Sponsored by Scale Biosciences</b>  |   |
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## Thursday, September 22, 2022

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| 8:30 – 9:00  | Coffee & Breakfast  |  |  |
| 9:00 – 10:30   | <b>Session 5: Creating an Inclusive Culture in the Core</b><br><i>Moderator: Laurent Bentolila, PhD – University of California, Los Angeles – WACD Vice President</i> |  |  |
|  | “Embedding Equity and Fostering Belonging in the Lab”   | <b>Matthew Lander Griffith, PhD</b> – Assistant Director – Justice, Equity, Diversity and Inclusion – Stanford University School of Medicine |  |
|  | "Powered by the People: Creating Cultures of Excellence to Drive Discovery & Innovation"  | <b>Adam Stieg, PhD</b> – CNSI Associate Director of Technology Centers, UCLA   |  |
|  | "Electron Microscopy Teaching Methodologies"  | <b>Matthew Mecklenburg, PhD</b> – NSF BioPACIFIC MIP, CNSI at UCLA   |  |
| 10:30 – 11:00  | Coffee Break  |  |  |
| 11:00 – 12:00  | <b>Session 6: Creating an Inclusive Culture in the Core: Interactive Training</b>   |  |  |
|  | “Communication and Motivation, Speaking Across Generations”   | <b>Casey Winkleman (she/they)</b> – Archivist, June L Mazer Lesbian Archives   |  |
| 12:00 – 1:00   | Lunch - Vendor Visits - Networking  |  |  |
| 1:00 – 2:30  | <b>Session 7: Core Technologies 3</b><br><i>Moderator: Kristen Jepsen, PhD – University of California, San Diego – WACD Sponsorship</i>                               |  |  |
|  | <b>Illumina - Gold Sponsor Talk:</b> “Expanding the Capabilities of Illumina Sequencing Platforms”  | <b>Sam Hester</b> , Sr Product Marketing Manager – AMR   |  |
|  | <b>Agilent- Gold Sponsor Talk:</b> "Benefits of Automation In Your Lab  | <b>Henry Shu</b> , Sr. Product Manager, Bravo Applications   |  |
|  | “Investigating the Therapeutic Potential of Decellularized Matrices for Tissue Repair”  | <b>Josh Mesfin</b> – UC San Diego  |  |
|  | “Sustainability in the Lab”   | <b>Bonny Bentzin</b> - Deputy Chief Sustainability Officer, UCLA   |  |
| 2:30 – 2:45  | Coffee Break  |  |  |
| 2:45 – 4:30  | <b>Session 8: Core Communications</b><br><i>Moderator: Ben Abrams, PhD – University of California, Santa Cruz – WACD Webmaster</i>                                    |  |  |
|  | “Core Metrics and Reporting”  | <b>Claudius Mundoma, PhD</b> – Director, Core Facilities & Shared Instrumentation, CU Boulder  |  |
|  | “Method Development, Sharing and Publication at Core Facilities”  | <b>Gabriel Gasque, PhD</b> – Head of Outreach, protocols.io  |  |
|  | “Getting to the ‘Core’ of Social Media”   | <b>Nicole Wilkins</b> – Director, Strategic Communications, CNSI at UCLA   |  |
|  | “Taking the Stress Out of Building and Delivering an Effective Pitch”   | <b>Mike Huntley</b> – SBDC, President Mexamerica Sales   |  |
| 4:30 – 4:45  | <b>Closing Remarks</b><br><b>Diane Miller</b> – University of British Columbia (UBC) – WACD President   |  |  |

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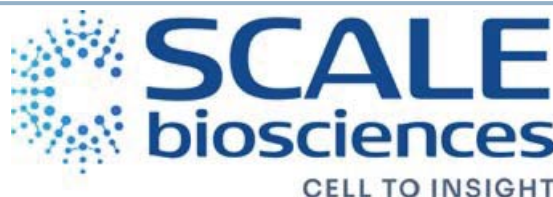
Agilent



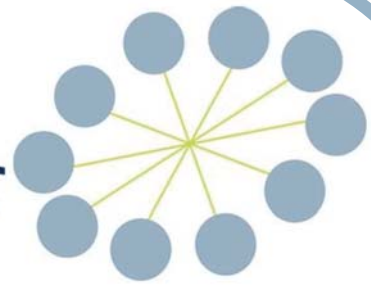
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Monday Evening  
Reception



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# WACD 2022 Reception

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