

May 8, 2025 | 0745-1900 hrs
#LSC1, LSI Atrium W, 2350 Health Sciences Mall,
Vancouver, BC V6T 1Z3

Co-hosted by



THE UNIVERSITY OF BRITISH COLUMBIA
Edwin S.H. Leong Centre for Healthy Aging
Faculty of Medicine



THE UNIVERSITY OF BRITISH COLUMBIA
Michael Smith Laboratories

07:45am - 8:45am	Welcoming Registrants and Breakfast
08:30am-09:30am	Career Primer by Dr. Patrick Tang (Public Health) Dr. Catalina Lopez-Correa (Government), Dr. Mahmoud Pouladi (Academia), Duane Mendis, PhD (Industry)
09:30am-09:50am	Dr. Catalina Lopez-Correa Chief Scientific Officer at Genome Canada <i>“Opening talk: Genomics in the Healthcare system, a scientist and patient perspective”</i>
09:50am–10:20am	Dr. Annie Ciernia Assistant Professor, Department of Biochemistry and Molecular Biology, UBC, Canada <i>“Early-life gut inflammation drives sex-dependent shifts in the microbiome-endocrine-brain axis”</i>
10:20am-10:40am	Deb Bhattacharyya, PhD Vice President – Emerging Markets & Business Development, Covaris, LLC <i>“Confident MultiOmics Data from FFPE Samples Enabled by Robust Sample Preparation Workflows”</i>
10:40am-11:00am	Coffee Break
11:00am-11:30am	Dr. James McKendry Assistant Professor, Faculty of Land and Food Systems, Investigator, Edwin S.H. Leong Centre for Healthy Aging, UBC <i>“Muscle Protein Metabolism Across the Age and Activity Spectrum”</i>
11:30am-11:50am	Zeba Malik, PhD Business Development Manager (Midplex), Olink <i>“Next generation proteomics to accelerate biomarker discovery and clinical utility”</i>
11:50pm-12:20pm	Dr. Mahmoud Pouladi Associate Professor, Dept of Medical Genetics, DMCBH, Edwin S.H. Leong Centre for Healthy Aging, CMMT, UBC; BCCHRI <i>“Engineering the repeat: isogenic stem cell models reveal HTT CAG tract’s dual role in development and neurodegeneration”</i>
12:20pm-12:40pm	Adriana Suarez-Gonzalez, PhD Sr. Science and Technology Advisor - 10x Genomics <i>“Revving up insights in single cell and spatial exploration”</i>
12:40pm-01:40pm	Lunch
01:40pm-02:10pm	Dr. Michael Kobor Professor, Dept. of Medical Genetics, Edwin S.H. Leong UBC Chair in Healthy Aging – a UBC President’s Excellence Chair <i>“Epigenetics and the Human Life Course”</i>
02:10pm-02:30pm	Mark Consugar Associate Director of Scientific Affairs, Biomodal <i>“Reveal the power of the 6-base genome”</i>
02:30pm-03:00pm	Dr. Sophia Frangou President’s Excellence Chair, Brain Health, Professor of Psychiatry, Associate Head-Research, Dept. of Psychiatry, UBC <i>“Personalized Brain Age: Measurements and Clinical Applications in Health, Disease, and Aging”</i>
03:00pm-03:20pm	Maura Costello Director, R&D, seqWell, Inc. <i>“MosaiXTM DNA Library Prep Kit for High Performance in Diverse DNA Sequencing Applications”</i>
03:20pm-03:45pm	Candy Break
03:45pm-04:15pm	Dr.Tiffany Carlow Postdoctoral Research Fellow, School of Biomedical Engineering, UBC <i>“Lung-Optimized Gene Editing in Human Cystic Fibrosis Models Following Topical Application of Lipid Nanoparticles”</i>
04:15pm-04:35pm	Meredith Carpenter Global Head for Scientific Affairs, Quantum-Si <i>“Precision Proteomics: Sequencing Proteins with Single-molecule Resolution on Platinum® Pro”</i>
04:35pm-05:05pm	Dr. Stuart Turvey Canada Research Chair, Pediatric Precision Health, Aubrey J. Tingle Professor of Pediatric Immunology, Professor, UBC <i>“Who knew that clues to childhood asthma could be found in dirty diapers? Role of the gut microbiome in pediatric asthma and allergies”</i>
05:05pm-07:00 pm	Student Poster Competition and Networking - Complementary Wine and Cheese

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geXc - Life Course Symposium 2025: Academic Speakers



Dr. Annie Ciernia

Assistant Professor, Department of Biochemistry and Molecular Biology, UBC, Canada



Dr. Catalina Lopez-Correa

Chief Scientific Officer at Genome Canada



Dr. Sophia Frangou

President's Excellence Chair, Brain Health, Professor of Psychiatry, Associate Head-Research, Dept. of Psychiatry, UBC



Dr. Stuart Turvey

Canada Research Chair, Pediatric Precision Health, Aubrey J. Tingle Professor of Pediatric Immunology, Professor, UBC



Dr. James McKendry

Assistant Professor, Faculty of Land and Food Systems, Investigator, Edwin S.H. Leong Centre for Healthy Aging, UBC



Dr. Tiffany Carlaw

Postdoctoral Research Fellow, School of Biomedical Engineering, UBC



Dr. Mahmoud Pouladi

Associate Professor, Dept of Medical Genetics, DMCBH, Edwin S.H. Leong Centre for Healthy Aging, CMMT, UBC; BCCHRI



Dr. Michael Kobor

Professor, Dept. of Medical Genetics, Edwin S.H. Leong UBC Chair in Healthy Aging – a UBC President's Excellence Chair

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