

**ADVANCING MULTIFUNCTIONAL DENTAL BIOMATERIALS RESEARCH SYMPOSIUM****February 2 and 3, 2023**

Robert H Lee Family Boardroom

Robert H Lee Alumni Centre, 6163 University Blvd, Vancouver, V6T 1Z1

DAY 1 – February 2, 2023

Welcome Breakfast	8:20 – 8:50	Breakfast and Chat	
Introduction	8:50 – 9:00	Adriana Manso	
Dental Sciences Research	9:00 – 9:15	Adriana Manso (UBC-V) Restorative Dentistry	Photodynamic Therapy and Dental Materials
	9:15 – 9:30	Simone Duarte (ADA) American Dental Association Science & Research Institute	Applier Research at the ADASRI
	9:30 – 9:45	Luiz Bertassoni (OHSU) Regenerative Medicine; Biomedical Engineering; Biomaterials and Biomechanics;	Microengineering craniofacial tissues via bioprinting, organs-on-a-chip and biomineralization
	9:45 – 10:00	Carmem Pfeifer (OHSU) Biomaterials and Biomechanics	Host and bacterial enzyme-mediated approaches to produce durable biomaterials
	10:00 – 10:15	Ricardo Carvalho (UBC-V) Dental Biomaterials	Exploring Innovations in Materials for Dental Applications and Beyond
Coffee & Discussion	10:15 – 11:00	Coffee Break & Group Discussion	
Basic Sciences Research	11:00 – 11:15	Mark MacLachlan (UBC-V) Materials Chemistry, Nanomaterials	Exploring Nature's Nanomaterials for Dental Applications
	11:15 – 11:30	Emily Cranston (UBC-V) Forestry Bio-Products, Wood Sciences	Surface Engineering of Nanocellulose for Sustainable Bioproduct Development
	11:30 – 11:45	Mohammad Arjmand (UBC-O) Advanced Materials and Polymer Engineering, Applied Sciences	Development, Shaping and Characterization of Polymer Biocomposites for Dental Applications
	11:45 – 12:00	Sepideh Pakpour (UBC-O) Biomedical Microbiome Research, Applied Sciences	Biomedical Microbiome Research Laboratory
	12:00 – 12:15	Rizhi Wang (UBC-V) Biomedical Engineering	Calcium Phosphate Biomaterials and Drug Delivery
	12:15 – 12:30	Abbas Milani (UBC-O) Sustainable and Smart Manufacturing, Applied Science	Composites and Optimization Laboratory (COL)
Lunch & Discussion	12:30 – 13:45	Catered Lunch & Group Discussion	



NDA's & Industry Partnerships	13:45 – 14:15	Robyn Law UILO Representative (UBC)
NSERC, CIHR & NFRF Funding Opportunities	14:15 – 14:45	Ingrid Ellis & Angela Tether Research Administrative Staff, Faculty of Dentistry (UBC)
Coffee Break	14:45 – 15:00	Coffee Break
Roundtable #1	15:00 – 15:30	Oral Care Materials Research Theme
Roundtable #2	15:30 – 16:00	Regenerative Materials Research Theme
Roundtable #3	16:00– 16:30	Reconstructive Materials Research Theme
Business Meeting	16:30 – 17:00	All Cluster Members
Group Dinner	18:30 – 21:00	Dockside Restaurant at Granville Island (1253 Johnston St)

Please note the 2023 Advancing Multifunctional Dental Biomaterials (AMDB) Symposium Day will be held in hybrid format, by invitation only. The invited attendees will include MSc and PhD graduate students, postdoctoral fellows, and research associates from each cluster member's lab. Registrations will be completed online and the Zoom link will be sent on February 1, 2023.