

UBC Postdoc Research Day (Vancouver)

Monday, December 6th, 2021

Life Sciences Institute and Zoom

<i>Time</i>	<i>Session</i>
09:15 – 09:30	<p>Welcome & Introduction Dr. Santa Ono, <i>President, UBC</i> Dr. Marcus Johns, <i>President, UBCV PDA</i> Dr. Femke Hoekstra, <i>Vice President, UBCO PDA (virtual)</i></p>
09:30 – 10:30	<p>Research Session 1: lightning talks</p> <p>Dr. Nikki Salmond, School of Pharmaceutical Sciences <i>Working towards the diagnosis and prognostication of breast cancer using a simple blood test</i></p> <p>Dr. Alfiya Battalova, Department of Occupational Science and Occupational Therapy <i>A qualitative photo elicitation study of resilience practices among a broad spectrum of individuals with physical disabilities during the COVID-19 pandemic</i></p> <p>Dr. Jean Cheng, Department of Medical Genetics <i>cSurvival: a web resource for biomarker interactions in cancer outcomes</i></p> <p>Dr. Martin Prusinkiewicz, Department of Pediatrics <i>Neonatal naive CD4 T cells perform less cellular respiration than their adult counterparts</i></p> <p>Dr. Christa Nater, Department of Psychology <i>Change in gender stereotypes over the last seven decades: What does U.S. public opinion poll data say?</i></p> <p>Dr. Marek Budzyński, Department of Biochemistry and Molecular Biology <i>How do stem cells maintain their identity throughout cell division?</i></p>
10:30 – 10:50	Coffee break
10:50 – 12:20	<p>Research Session 2: full talks</p> <p>(10:50) Dr. Printha Wijesinghe, Department of Ophthalmology and Visual Sciences <i>What can tears tell us about Alzheimer's Disease?</i></p> <p>(11:05) Dr. Corey McAuliffe, Department of Nursing <i>Correlates of suicidal ideation related to the COVID-19 pandemic: Repeated cross-sectional nationally representative Canadian data</i></p> <p>(11:20) Dr. Kate Kingsbury, Department of Anthropology <i>Daughters of death: Female followers of Santa Muerte (virtual)</i></p>

(11:35) **Dr. Brandon Kieft, Department of Microbiology and Immunology**
Demonstrating the feasibility of large-scale renewable natural gas production from agricultural wastes using metabolic modelling and farm cooperatives

(11:50) **Dr. Yanina-Yasmin Pesch, Department of Cellular and Physiological Sciences**
Gap junctions regulate developmental transitions during germ cell differentiation

(12:05) **Dr. David Robinson, Department of Philosophy**
Self-divestment for a finite earth: Recovering philosophical and theological wisdom in the “Anthropocene”

12:20 – 13:30 Town Hall + Lunch

13:30 – 15:00 Keynote Lecture + Discussion

Dr. Steven Barnes, Department of Psychology, UBC
An Incomplete Painting: Academia and Mental Wellness

15:00 – 16:00 Research Session 3: lightning talks

Dr. Shoeib Moradi, Department of Biochemistry and Molecular Biology
Unveiling the molecular basis of uridine diphosphate glucuronosyltransferase action in drug therapies and cancer progression

Dr. Harmony Martell, Department of Geography
Hormesis and its role in training corals to resist bleaching

Dr. Karolin Heinze, Department of Obstetrics & Gynaecology
Subtype and immune system involvement in a rarer form of ovarian cancer

Dr. Yusi Miao, Department of Ophthalmology and Visual Sciences
Clinical retinal imaging of ocular melanoma with polarization-sensitive optical coherence tomography

Dr. Olivia De-Jongh González, School of Population and Public Health
Fathers from low functioning families and authoritarian mothers decreased their feeding engagement in the pandemic context (virtual)

Dr. Niloofar Alipoormazandarani, Department of Chemical and Biomedical Engineering
In-situ polymerized densified advanced bio composites

16:00 – 16:30 Coffee break

16:30 – 17:30 Research Session 4: full talks

(16:30) **Dr. Sahil Bhandari, Department of Mechanical Engineering**
Odor, air quality, and well-being: Understanding the urban smellscape of Vancouver, Canada using citizen science, monitoring, and modeling

(16:45) **Dr. Kevin Pierce, Department of Geography**
Climate disasters and uncertain futures: quantifying change in the environmental sciences

(17:00) **Dr. Julie Beadle, Department of Audiology and Speech Sciences**
Implicit and explicit attitudes of older and younger adults who wear hearing aids

(17:15) **Dr. Joséphine Gantois, Institute for Resources, Environment, and Sustainability**

New tree-level temperature response curves document sensitivity, acclimatization, and adaptation to high temperatures

17:30 – 17:45

Closing remarks

Dr. Susan Porter, *Dean and Vice-Provost, UBC Graduate and Postdoctoral Studies*

Dr. Marcus Johns, *President, UBC PDA*

18:00 – 20:00

Evening reception & Award ceremony
