

## PBC FOCUS MEETING #1

<b>Date Venue</b>	SEPTEMBER 16 2021 Centre for Children's Health Research, 62 Graham Street, South Brisbane
<b>Proposal</b>	This focus meeting will be the first in a series of PBC Meetings dealing with hot topics affecting the environment and health held in the years between PBC International Conferences.

### PROGRAM

1400	1430	Registration
1430	1445	Welcome address: Professor Stephania Cormier, Chair PBC Board of Directors
<b>Environmental impacts on infectious disease: Mechanisms of increased susceptibility</b>		
<b>Chair</b>		William Suk NIEHS Superfund Research Program
1445	1615	<b>1</b> <i>Environmentally Persistent Free Radicals increase susceptibility to Sars CoV-2 infection</i> <b>Ayaho Yamamoto</b> PhD Candidate, CHEP, The University of Queensland
		<b>2</b> <i>Do Environmentally Persistent Free Radicals Induce Mutations in SARS CoV-2?</i> <b>Stephania Cormier</b> LSU Superfund Research Center
		<b>3</b> <i>Age as a susceptibility factor for Sars CoV-2 infection</i> <b>Kirsty Short</b> The University of Queensland
		<b>Tea break</b>
<b>Environmental impacts on disease: some Pacific context</b>		
<b>Chair</b>		Paul Jagals CHEP, The University of Queensland
1645	1815	<b>1</b> <i>A system dynamics approach to children's health improvement in the Solomon Islands</i> <b>Claire Brereton</b> PhD Candidate, CHEP, The University of Queensland
		<b>2</b> <i>Precision public health approaches to surveillance and response to infectious diseases</i> <b>Colleen Lau</b> School of Public Health, The University of Queensland
		<b>3</b> <i>Toxic chemicals and health risk assessment of fine dust (PM2.5) in Korea</i> <b>Injeong Kim</b> Korea Institute of Industrial Technology
<b>Meal Break</b>		

		<b>Environmental impacts on infectious disease: from a 'One Health' perspective</b>	
1900	2030	<b>Chair</b>	Ricardo Soares Magalhaes School of Veterinary Science, The University of Queensland
		<b>1</b>	<i>Risk factors determinant of environmentally transmitted zoonoses in Queensland: A spatial regression analysis</i> <b>Javier Cortes Ramirez</b> School of Public Health and Social Work, Queensland University of Technology
		<b>2</b>	<i>Epidemiological evaluations into environmental poultry market risks associated with human avian influenza infection in Bangladesh</i> <b>Shovon Chakma</b> PhD Candidate, The University of Queensland
		<b>3</b>	<i>Environmental surveillance of antimicrobial resistance in wastewater systems</i> <b>Prof Erica Donner</b> University of South Australia
		<b>Environmental impacts on infectious disease: epidemiological evidence</b>	
2030	2200	<b>Chair</b>	Brittany Trottier NIEHS Superfund Research Program
		<b>1</b>	<i>Epidemiological evidence of air pollution increasing Covid-19</i> <b>Peter Sly</b> CHEP, The University of Queensland
		<b>2</b>	<i>Oxidative stress as a mediator of the effect of air pollution on respiratory disease</i> <b>Dwan Vilcins</b> CHEP, The University of Queensland
		<b>3</b>	<i>Impact of environmental chemical exposure on childhood infections</i> <b>Atsuko Ikeda-Araki</b> Faculty of Health Sciences, Hokkaido University
<b>CLOSE</b>			