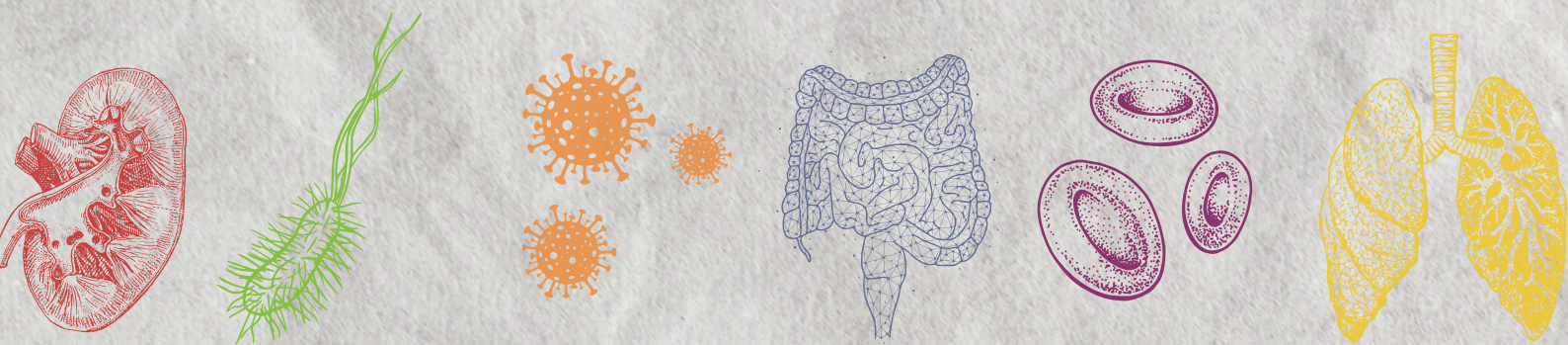


Snyder Research Day

Emerging Technologies in Infectious Diseases



Wednesday, October 9, 2024

9:00 am - 5:30 pm

Libin Theatre | HRIC Atrium



UNIVERSITY OF CALGARY
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Calvin, Phoebe and Joan
Snyder Institute
for Chronic Diseases

Schedule

8:30 to 9:00 am | Research Day Check In |
Foyer outside of the Libin Theatre

9:00 to 9:15 am | Opening Remarks by Dr. Derek McKay and Dr. Todd Anderson | Libin Theatre

Presentation Session One **Libin Theatre | Chair: Dr. Cathy Lu**

9:15 - 9:55 am | New applications for organoids - beyond pretty pictures | Presented by Dr. Simon Hirota

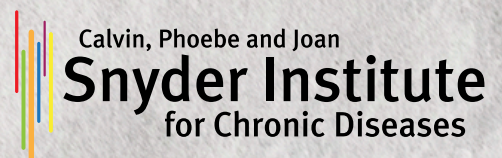
9:55 - 10:35 am | Tissue engineering organs on chips to study human infections | Presented by Dr. Mark Gillrie

10:35 - 11:15 am | Mitochondria and Inflammation | Presented by Dr. Tim Shutt

11:15 - 11:30 am | Coffee Break | Foyer
outside of the Libin Theatre



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Presentation Session Two | Libin Theatre | Chair: Dr. Cathy Lu

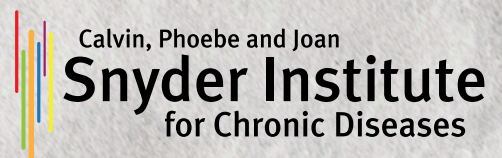
11:30 am - 12:15 pm | The gut mycobiome in immune and metabolic development | Presented by Dr. Marie-Claire Arrieta

12:15 - 1:00 pm | From germ-free to wild: Emerging technologies in microbiome research | Presented by Dr. Kathy McCoy

1:00 - 2:00 pm | Lunch | HRIC Atrium



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Presentation Session Three | Libin Theatre | Chair: Dr. Christina Thornton

2:00 - 2:45 pm | Why do people die? Separating host-versus-microbial contributors to mortality from 38,000 bloodstream infections | Presented by Dr. Ian Lewis

2:45 - 3:30 pm | Bringing the lab to the clinic: point-of-care metagenomics for translational microbiome research | Presented by Dr. Braedon McDonald

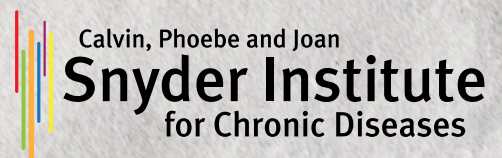
3:30 - 4:15 pm | Understanding lung-pathogen interactions via chemogenetics and behavioromics | Presented by Dr. Bryan Yipp

4:15 - 4:30 pm | Closing Remarks

4:30 - 5:30 pm | Reception | HRIC Atrium



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