

# Schedule for CoCoH 2019

Aug 27, 2019

Secchia Center, Grand Rapids, MI

Sponsored by:

- **MSU College of Human Medicine**
- **MSU College of Natural Science**
- **Spectrum Health**

8:30 am	9:00 am	Registration & Poster set-up
9:00 am	9:10 am	Welcome & Opening remarks
9:10 am	9:40 am	<b>Keynote 1: Keith English (MSU)</b> (25 min talk + 5 min Q&A)
<b>Session 1: 9.40am-10.40 am (12 min talks + 3 min Q &amp; A)</b>		
9:40 am	9:55 am	Short talk 1.A <b>George Mias</b> <i>Omics, Individualized Medicine and Detecting Adverse Events in Deep Space Missions</i>
9.55	10.10	Short talk 1.B <b>Janani Ravi</b> <i>An integrative computational evolutionary approach to accelerate the discovery of molecular targets in prevalent under-studied pathogens</i>
10.10	10.25	Short talk 1.C <b>Jeremy Prokop</b> <i>Building Precision Medicine Tools with Helen DeVos Children's Hospital</i>
10.25	10.40	Short talk 1.D <b>Carlo Piermarocchi</b> <i>Neural network models of cell dynamics in normal and hematological cancer cells</i>
10:40 am	11:00 am	Break
<b>Session 2: 11am-12 pm (12 min talks + 3 min Q &amp; A)</b>		
11:00 am	11.15	Short talk 2.A <b>Arjun Krishnan</b> <i>Machine learning for fast and accurate for network-based gene classification</i>
11.15	11.30	Short talk 2.B <b>Sudin Bhattacharya</b> <i>Predictive models of gene regulatory networks in health and disease</i>

11.30	11.45	Short talk 2.C <b>Gustavo de los Campos</b> <i>Powerful &amp; Safe: Bayesian Models &amp; Decision Rules for GWA analyses with Big Data</i>
11.45	12.00	Short talk 2.D <b>Yuehua Cui</b> <i>High-dimensional mediation analysis in (epi)genomics studies</i>
Noon	2:00 pm	<b>Lunch + Poster session</b>
2:00 pm	2:30 pm	<b>Keynote 2: Surender Rajasekaran (HDVCH)</b> (25 min talk + 5 min Q&A):
<b>Session 3: 2.30-3.30 pm (12 min talks + 3 min Q &amp; A)</b>		
2:30 pm	2:45 pm	Short talk 3.A <b>Ana Vazquez</b> <i>TBA</i>
2.45 pm	3.00 pm	Short talk 3.B <b>Yuying Xie</b> <i>Predicting Plant Stress Responses Using Deep Neural Network</i>
3.00 pm	3.15 pm	Short talk 3.C <b>Adam Alessio</b> <i>Where Artificial Intelligence Meets Quantitative Imaging Biomarkers</i>
3.15 pm	3.30 pm	Short talk 3.D <b>Bin Chen</b> <i>Harnessing big omics data and artificial intelligence to guide therapeutic discovery</i>
3:30 pm	4:45 pm	<b>Research Speed-dating</b>
4:45 pm	5:00 pm	<b>Break</b>
5:00 pm	5:30 pm	<b>Keynote 3: Hui Shen (VAI)</b> (25 min talk + 5 min Q&A)
5:30 pm	5:40 pm	Closing remarks
5:40 pm	8:00 pm	<b>Reception Mixer in Secchia</b>