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| 9:00am | Welcome by David Pearce, PhD  President of Innovation, Research & World Clinics, Sanford Health  Scientist, Pediatrics and Rare Diseases Group, Sanford Research |
|  | **Session I - Moderated by Kurt Warnhoff** |
| 9:05am | **Invited Speaker- George Porter, MD PhD**  Professor Dept. of Pediatrics  Rhea and Raymond White Professorship in Pediatric Cardiology  University of Rochester Medical Center  <https://www.urmc.rochester.edu/people/27234853-george-a-porter-jr>  *“Energy for the growing heart: The role of mitochondria during cardiac development”* |
| 10:05am | **Michelle Baack, MD**  Associate Professor and Chair of Pediatrics, USD  Assistant Scientist, Environmental Influences on Health and Disease Group  Sanford Research  *“Dietary interventions and heart health in future generations”* |
| 10:35am | **Break & Poster Session Viewing** |
|  | **Session II – Moderated by Ikuo Masuho** |
| 10:45am | **Invited Speaker- Emma Andersson, PhD**  Principal Investigator  Dept. of Cell and Molecular Biology, Karolinska Institutet  [www.anderssonlab.com](http://www.anderssonlab.com)  *“Advances in Understanding Alagille Syndrome”* |
| 11:45pm | **Kamesh Surendran, PhD**  Scientist, Pediatrics and Rare Diseases Group  Sanford Research  *“The Molecular and Cellular Basis of Kidney Diseases associated with Alagille Syndrome”* |
| 12:15pm | **Break for Lunch & Poster Session Viewing** |
|  | **Session III- Moderated by Francisco Bustos** |
| 1:00pm | **Invited Speaker–Bin Chen, PhD**  Professor of Molecular, Cell and Developmental Biology  University of California Santa Cruz  <https://mcd.ucsc.edu/faculty/chen.html>  *“A molecular logic for cortical projection neuron subtype specifications”* |
| 2:00pm | **Louis-Jan Pilaz, PhD**  Assistant Scientist, Pediatrics and Rare Diseases Group, Sanford Research  *“Transcriptional regulation of neural progenitor proliferation during brain development”* |
| 3.00 PM | **Break & Poster Session Viewing** |
|  | **Session IV – Moderated by Indra Chandrasekar** |
| 3:15 PM | **Kurt Warnhoff, PhD**  Assistant Scientist, Pediatrics and Rare Diseases Group, Sanford Research  *“Biology of the molybdenum cofactor”*  **Ikuo Masuho, PhD**  Assistant Scientist, Pediatrics and Rare Diseases Group, Sanford Research  *“Dysregulation of GPCR Signaling and Diseases”*  **Francisco Bustos, PhD**  Assistant Scientist, Pediatrics and Rare Diseases Group, Sanford Research  *“Unravelling stem cell ubiquitylation networks that are disrupted in developmental disorders”* |
| 4:30pm | **Closing by Kyle Roux, PhD**  Senior Director of Biomedical Sciences  Scientist, Enabling Technologies Group, Sanford Research |

**This event will be held virtually but screening will also be available in the Dakota room**.

Q&A will primarily be handled through the Chat Box.