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| <b>8:00-8:30am</b> | <b>Registration &amp; breakfast</b>  |
| <b>8:30am</b>      | <b>Welcome by David Pearce, PhD</b>  |
| <b>8:35am</b>      | <b>David Lagaespada, PhD</b><br>University of Minnesota<br><i>Transposon and targeted nuclease tools for modeling and understating NF1 syndrome-associated nervous system tumors</i>   |
| <b>9:35am</b>      | <b>Paolo Serfini, PhD</b><br>University of Miami Miller School of Medicine<br><i>Modulating human beta cell biology with RNA aptamers</i>  |
| <b>10:35am</b>     | <b>Break</b>   |
| <b>10:45am</b>     | <b>Trainee talks: session 1</b><br><ul style="list-style-type: none"> <li>➤ <b>Tyler Johnson, PhD</b><br/>Postdoctoral Fellow, Weimer Lab<br/><i>Developing translatable tools for diagnosis and analysis of neurodegenerative diseases</i></li> <li>➤ <b>Eli Louwagie</b><br/>MD-PhD Candidate, Baack Lab<br/><i>Bioenergetic consequences in the adult heart following prenatal exposure to maternal diabetes and high fat diet</i></li> </ul> |
| <b>11:15am</b>     | <b>Anthony-Samuel LaMantia, PhD</b><br>George Washington School of Medicine & Health Sciences<br><i>Over or under-connected? Cortical circuits and metabolic stress in a neurodevelopmental syndrome</i>   |
| <b>12:15pm</b>     | <b>Lunch</b>   |
| <b>1:25pm</b>      | <b>Jeremy Barth, PhD</b><br>Medical University of South Carolina<br><i>Core management: balancing proximal and long term goals</i>   |
| <b>1:50pm</b>      | <b>Jose Gonzalez, PhD</b><br>South Dakota State University<br><i>SDSU Genomics Sequencing Facility: capabilities and applications</i>  |
| <b>2:15pm</b>      | <b>Trainee talks: session 2</b><br><ul style="list-style-type: none"> <li>➤ <b>Elle Anderson</b><br/>MD-PhD Candidate, Francis Lab<br/><i>Disruption of clathrin-mediated membrane budding by altered sterol homeostasis</i></li> <li>➤ <b>Chuck Halfmann, PhD</b><br/>Postdoctoral Fellow, Roux Lab<br/><i>Barrier-to-autointegration factor (BAF) regulates the cellular response to nuclear rupture</i></li> </ul>                            |
| <b>2:45pm</b>      | <b>Break</b>   |
| <b>2:55pm</b>      | <b>Lynette Rogers, PhD</b><br>Nationwide Children's Hospital<br><i>Optimizing microRNA delivery as a novel therapy to treat chronic lung disease in prematurity</i>  |
| <b>3:55pm</b>      | <b>Closing by Kyle Roux, PhD</b>   |
| <b>4:00-5:30pm</b> | <b>Poster session &amp; reception</b>  |