

Start time	End time	Event	Speaker
8:30 AM	9:00 AM	Snacks/breakfast	
9:00 AM	9:10 AM	Opening remarks	
9:10 AM	9:25 AM	Replacement of Oil Biosynthetic Enzymes with Foreign Enzymes for Assembly of Novel Oils	Sean McGuire
9:25 AM	9:40 AM	Structural insights into redox signal transduction mechanisms controlling nitrogenase gene expression	Nate Boyer
<b>9:40 AM</b>	<b>10:20 AM</b>	<b>Invited speaker</b>	<b>David Spiciarich</b>
10:20 AM	10:35 AM	Coffee break	
10:35 AM	10:50 AM	Vulnerable Peptide Sequences to Organophosphorus Toxicants	Ryanne Ballard
10:50 AM	11:05 AM	Dendritic Cell Merocytophagy Contributes to Antigen Presentation and Adaptive Immunity	Kelly Deobald
<b>11:05 AM</b>	<b>11:45 AM</b>	<b>Invited speaker</b>	<b>Seth Schneider</b>
11:45 AM	12:30 PM	Poster session 1	
12:30 PM	1:30 PM	Lunch	
1:30 PM	2:15 PM	Poster session 2	
2:15 PM	2:30 PM	An <i>Anaplasma phagocytophilum</i> T4SS effector essential for tick infection targeting the actin cytoskeleton	Brittany Genera
2:30 PM	2:45 PM	A <i>Brucella</i> effector modulates the Arf6-Rab8a GTPase cascade to promote intravacuolar replication	Elizabeth Borghesan
2:45 PM	3:00 PM	Coffee break	
<b>3:00 PM</b>	<b>3:40 PM</b>	<b>Invited speaker</b>	<b>Reem Olabi</b>
3:40 PM	3:55 PM	Insulin-mediated events in pregnancy establishment and maintenance	Jenna Douglas
3:55 PM	4:10 PM	Quality and quantity of passive antibody transfer from pregnant women to their fetus is maximized after SARS-CoV-2 vaccination irrespective of prior infection.	Cody Lauristen
4:10 PM	4:50 PM	Speaker panel Q&A	
4:50 PM	5:00 PM	Closing Remarks	