



# IMPACTT/IMC Gnotobiotic Workshop Schedule

International Microbiome Centre (IMC)  
University of Calgary, Calgary, AB, Canada  
May 30–31, 2022

Monday – May 30, 2022		
Time	Group A	Group B
09:00	<b>Welcome and Student Introduction</b>	
09:10		
09:20		
09:30	<b>Walk to Neutral Processing</b>	<b>Germ-Free &amp; Gnotobiotic Research</b>
09:40	<b>Drums &amp; Preparing Basic Husbandry Supplies</b>	
09:50		
10:00		
10:10		<b>Walk to Neutral Processing</b>
10:20	<b>Shower &amp; Gown Up</b>	<b>Drums &amp; Preparing Basic Husbandry Supplies</b>
10:30	<b>Working in Isolators &amp; Drum Connections</b>	
10:40		
10:50		
11:00		<b>Shower &amp; Gown Up</b>
11:10	<b>Imports, Exports, Sterilizing &amp; Troubleshooting Isolators</b>	<b>Working in Isolators &amp; Drum Connections</b>
11:20		
11:30		
11:40		
11:50	<b>Facility Exiting Tour</b>	
12:00		
12:10	<b>Change into Street Clothes</b>	

12:20	<b>Walk to Lunch</b>	
12:30	<b>Lunch</b>	
12:40		
12:50		
13:00	<b>Germ-Free &amp; Gnotobiotic Research</b>	<b>Walk to IMC</b>
13:10		<b>Shower &amp; Gown Up</b>
13:20		<b>Imports, Exports, Sterilizing &amp; Troubleshooting Isolators</b>
13:30		
13:40	<b>Walk to IMC</b>	
13:50	<b>Shower &amp; Gown Up</b>	
14:00	<b>Rederiving Strains in Germ-Free Conditions</b>	<b>Glove Changes, Emergency Procedures &amp; Different Sterilants</b>
14:10		
14:20	<b>Glove Changes, Emergency Procedures &amp; Different Sterilants</b>	<b>Rederiving Strains in Germ-Free Conditions</b>
14:30		
14:40		
14:50		
15:00	<b>Microbiota &amp; Gavage Demo, Gnotobiotic Colony Maintenance, Common Colonizations</b>	
15:10		
15:20		
15:30	<b>Change into Street Clothes</b>	
15:40	<b>Walk to Lecture Room</b>	
15:50		
16:00	<b>End of Day Debrief + Q&amp;A</b>	
16:10		
16:20		
16:30	<b>6:30 PM: Social Dinner</b>	

**Tuesday – May 31, 2022**

<b>Time</b>	<b>Group A</b>	<b>Group B</b>
09:00	<b>Morning Meetup</b>	
09:10	<b>Preparing Experimental Materials</b>	<b>Walk to IMC</b>
09:20		<b>Shower &amp; Gown Up</b>
09:30		<b>Isocages &amp; IBS Hoods</b>
09:40		<b>Hood Setup, Gowning, IV Injections, Anesthetic Machine Setup, Surgical Plates</b>
09:50		
10:00		
10:00	<b>Walk to IMC</b>	<b>Hood Setup, Gowning, IV Injections, Anesthetic Machine Setup, Surgical Plates</b>
10:10	<b>Shower &amp; Gown Up</b>	
10:20	<b>Isocages &amp; IBS Hoods</b>	
10:30	<b>Hood Setup, Gowning, IV Injections, Anesthetic Machine Setup, Surgical Plates</b>	<b>Bacteriology &amp; Autoclave Verification</b>
10:40		
10:50		
11:00		
11:10		<b>Change into Street Clothes</b>
11:20	<b>Bacteriology &amp; Autoclave Verification</b>	<b>Walk to Lecture Room</b>
11:30		<b>Preparing Experimental Materials</b>
11:40		
11:50		
12:00	<b>Change into Street Clothes</b>	
12:10	<b>Walk to Lunch</b>	
12:20	<b>Lunch</b>	
12:30		
12:30		
12:40		

12:50	<b>Walk to IMC</b>	<b>Walk to Lecture Room</b>
13:00	<b>Shower &amp; Gown Up</b>	<b>Microbial Transfers &amp; Humanized Mice</b>
13:10	<b>L2 Exclusion and Containment, Decontamination &amp; Behavioral Experiments</b>	
13:20		
13:30		
13:40		<b>Walk to IMC</b>
13:50		
14:00	<b>Change into Street Clothes</b>	<b>Shower &amp; Gown Up</b>
14:10	<b>Walk to Lecture Room</b>	<b>L2 Exclusion and Containment, Decontamination &amp; Behavioral Experiments</b>
14:20	<b>Microbial Transfers &amp; Humanized Mice</b>	
14:30		
14:40		
14:50		<b>Change into Street Clothes</b>
15:00		
15:10	<b>Wrap Up, Q&amp;A, Closing Remarks</b>	
15:20		
15:30		
15:40		
15:50		
16:00		
16:10		
16:20		