



International  
Microbiome  
Centre

## IMPACTT / IMC Gnotobiotic Workshop Schedule

### Thursday – May 4, 2023

Time	Group A	Group B	
09:00	<b>Welcome and Student Introduction</b> (1405A)		
09:10	Instructors: Kathy McCoy (KM), Markus Geuking (MG), Nathan Fitzsimmons (NF), Christina Ohland (CO), Carolyn Thomson (CT), Braedon McDonald (BM), Helvira Cavalcante (HC)		
09:20			
09:30	<b>Walk to Neutral Processing</b> (IMC)	<b>Germ-Free &amp; Gnotobiotic Research</b> (1405A) Instructors: MG & CO	
09:40			
09:50	<b>Drums &amp; Preparing Basic Husbandry Supplies</b> (IMC Neutral Processing) Instructor: NF		
10:00		<b>Walk to Neutral Processing</b> (IMC)	
10:10			
10:20			
10:30	<b>Shower &amp; Gown Up</b> (IMC)	<b>Drums &amp; Preparing Basic Husbandry Supplies</b> (IMC Neutral Processing) Instructor: NF	
10:40			
10:50	<b>Working in Isolators &amp; Drum Connections</b> (IMC Sterile Processing) Instructors: CT & CO		
11:00		<b>Shower &amp; Gown Up</b> (IMC)	
11:10			
11:20			
11:30	<b>Imports, Exports, Sterilizing &amp; Troubleshooting Isolators</b> (IMC Axenic Breeding) Instructor: NF	<b>Working in Isolators &amp; Drum Connections</b> (IMC Sterile Processing) Instructors: CT & CO	
11:40			
11:50			
12:00			
12:10	<b>Facility Exiting Tour</b> (IMC) Instructor: NF		
12:20			
12:30	<b>Change into Street Clothes</b> (IMC Neutral Processing)		
12:40			
12:50	<b>Lunch</b> (1405A)		

13:00	<b>Lunch (1405A)</b>	
13:10		
13:20		
13:30		
13:40	<b>Germ-Free &amp; Gnotobiotic Research (1405A)</b> Instructors: MG & CO	<b>Walk to IMC</b>
13:50		<b>Shower &amp; Gown Up (IMC)</b>
14:00		<b>Imports, Exports, Sterilizing &amp; Troubleshooting Isolators (IMC Axenic Breeding)</b> Instructor: NF
14:10	<b>Walk to IMC</b>	
14:20	<b>Shower &amp; Gown Up (IMC)</b>	
14:30		
14:40		
14:50	<b>Rederiving Strains in Germ-Free Conditions (IMC Embryo Transfer)</b> Instructor: KM	<b>Glove Changes, Emergency Procedures &amp; Different Sterilants (IMC Sterile Processing)</b> Instructor: NF
15:00		
15:10		
15:20	<b>Glove Changes, Emergency Procedures &amp; Different Sterilants (IMC Sterile Processing)</b> Instructor: NF	<b>Rederiving Strains in Germ-Free Conditions (IMC Embryo Transfer)</b> Instructor: KM
15:30		
15:40		
15:50	<b>Microbiota &amp; Gavage Demo, Gnotobiotic Colony Maintenance, Common Colonizations (IMC Gnotobiotic Breeding)</b> Instructors: CO & NF	
16:00		
16:10		
16:20		
16:30	<b>Change into Street Clothes (IMC Neutral Processing)</b>	
16:40		
16:50	<b>Walk to 1405A</b>	
17:00	<b>End of Day Debrief + Q&amp;A (1405A)</b> Instructors: KM, MG, NF, CO, CT	
17:10		
17:20		
17:30	<b>End of Day 1</b>	
17:30		
18:30	<b>6:30 PM: Dinner at Borough Bar &amp; Grill (4011 University Ave NW, Calgary)</b>	

**Friday – May 5, 2023**

Time	Group A	Group B	
09:00	<b>Morning Meetup (1405A)</b> Instructors: MG, KM, NF, CO, CT		
09:10			
09:20	<b>Preparing Experimental Materials (1405A)</b> Instructors: CO + HC	<b>Walk to IMC</b>	
09:30		<b>Shower &amp; Gown Up (IMC)</b>	
09:40			
09:50		<b>Hood Setup, Gowning, IV Injections, Anesthetic Machine Setup, Surgical Plates (IMC L1-B17)</b> Instructors: MG & CT	
10:00	<b>Walk to IMC</b>		
10:10	<b>Shower &amp; Gown Up (IMC)</b>		
10:20			
10:30	<b>Hood Setup, Gowning, IV Injections, Anesthetic Machine Setup, Surgical Plates (IMC L1-B17)</b> Instructors: MG & CT	<b>Bacteriology &amp; Autoclave Verification (IMC Bacteriology)</b> Instructors: NF & CO	
10:40			
10:50			
11:00			
11:10	<b>Bacteriology &amp; Autoclave Verification (IMC Bacteriology)</b> Instructors: NF & CO	<b>Change into Street Clothes (IMC Neutral Processing)</b>	
11:20		<b>Walk to 1405A</b>	
11:30			
11:40		<b>Preparing Experimental Materials (1405A)</b> Instructors: CT + HC	
11:50	<b>Change into Street Clothes (IMC Neutral Processing)</b>		
12:00	<b>Walk to 1405A</b>		
12:10			
12:20	<b>Lunch (1405A)</b>		
12:30			
12:40			
12:50			
13:00			

13:10	<b>Walk to IMC</b>	<b>Microbial Transfers &amp; Humanized Mice</b> (1405A) Instructors: KM & BM
13:20	<b>Shower &amp; Gown Up (IMC)</b>	
13:30		
13:40	<b>Exclusion, Containment, Decontamination, ISOCage &amp; IBS Hoods, Behavioral Equipment</b> (IMC L2-B21) Instructors: NF & CO	<b>Walk to IMC</b>
13:50		<b>Shower &amp; Gown Up (IMC)</b>
14:00		
14:10		
14:20	<b>Change into Street Clothes</b> (IMC Neutral Processing)	<b>Exclusion, Containment, Decontamination, ISOCage &amp; IBS Hoods, Behavioral Equipment</b> (IMC L2-B21) Instructors: NF & CO
14:30	<b>Walk to 1405A</b>	
14:40		
14:50	<b>Microbial Transfers &amp; Humanized Mice</b> (1405A) Instructors: KM & BM	<b>Change into Street Clothes</b> (IMC Neutral Processing)
15:00		<b>Walk to 1405A</b>
15:10		
15:20		
15:30	<b>Wrap Up, Q&amp;A, Closing Remarks</b> (1405A) Instructors: KM, MG, NF, CO, CT	
15:40		
15:50		
16:00	<b>End of Workshop</b>	