

Programme

Day 1 - Efficient colony management for research reproducibility

Time	Session	Trainer
8:30	Registration	
09:30 - 09:45	Welcome and introduction to the course and the team	Sarah Hart-Johnson, Director of the Biological Research Facility, the Francis Crick Institute
09:45 - 10:45	The fundamentals of Colony Management	Sarah Hart-Johnson, Director of the Biological Research Facility, the Francis Crick Institute
10:45 - 11:00	Coffee break	
11:00 – 11:30	An introduction to Genetically Altered Animals	Ben Davies , Head of Genetic Modification Service (GeMS), the Francis Crick Institute
11:30 – 12:15	Choosing strains - finding the right mutation, tools & resources.	Clive Da Costa, Head of Colony Management Services, the Francis Crick Institute
12:15 – 13:15	Lunch	
13:30 - 14:30	QA, Validation & reliable research models	Emma Russell, BRF Colony Coordinator, the Francis Crick Institute
14:30- 15:30	Breeding Strategies for Maintaining Colonies of Laboratory Mice	Helen Bailey, BRF Training Manager, the Francis Crick Institute
15:30 – 15:45	Coffee break	
15:45 – 16:30	The Importance of Good Data	Chris Staines, BRF database and IT liaison, and Tom Childs, BRF Data Analyst, the Francis Crick Institute
16:30-17:15	High Impact Colony Management	Sarah Hart-Johnson, Director of the Biological Research Facility, the Francis Crick Institute



Day 2 – Colony validation and quality control

Time	Session	Trainer/facilitators
09:00	Day 1 recap	Sarah Hart-Johnson, Director of the Biological Research Facility, the Francis Crick Institute
09:30 – 10:30	Genetic Monitoring	Clive Da Costa, Head of Colony Management Services, the Francis Crick Institute
10:30 - 11:00	Coffee break	
11:00 – 12:30	Genetic Monitoring Workshop	Colony Management team, the Francis Crick Institute
12:30 – 13:15	Lunch	
13:15 – 14.00	Cryopreservation & ART – a key colony management tool	Katharine Crawley, GeMS Senior Manager Transgenic Services, the Francis Crick Institute
14:00-14:45	Microbiota: monitoring stability and impact on phenotype	Christophe Galichet, Senior Laboratory Research Scientist, the Francis Crick Institute
14:45 – 15:30	Course conclusions	Sarah Hart-Johnson, Director of the Biological Research Facility, the Francis Crick Institute
15:30 – 16:00	Q&A Closing remarks	