

MRC Mouse Network Meeting – 23 January 2015

AGENDA

Introduction

10.00 – 10.40 **Steve Brown**
1500 lines and counting: a review of the IMPC

Production

10.40 – 11.00 **Lydia Teboul**
Mutation verification, allele structure and the conversion to conditional knockouts

11.00 – 11.20 **Martin Fray**
Microinjection, available lines in relation to the gene list, and mouse line archiving

11.20 – 11.45 **Tea & coffee**

Breeding, Phenotyping & Expression

11.45 – 12.00 **Michelle Stewart**
Breeding IMPC lines, strategy and availability

12.00 – 12.15 **Sara Wells**
Phenotyping and phenotypes

12.15 – 12.30 **Lydia Teboul**
Transcriptional activity of targeted loci: complementing phenotyping data and suggesting defect mechanisms

The IMPC Data Portal

12.30 – 13.00 **Hugh Morgan**
An update on recent and planned developments to the IMPC data portal

13.00 – 14.00 **Poster session (with lunch)**

Network Member Presentations

14.00 – 14.20 **Damian Smedley**
Disease links through human-mouse phenotype comparisons

14.20 – 14.40 **Lucie Abeler-Dorner**
The 3i consortium: building a resource for basic research and human immune monitoring

Developments & Future Plans

14.40 – 15.10 **Joffrey Mianne/Lydia Teboul**
CRISPR plans and progress to date

15.10 – 15.30 **Michelle Stewart/Tertius Hough/Cheryl Scudamore/Sara Johnson**
In vivo/ex vivo phenotyping developments

15.30 – 15.45 **Sara Wells**
Future operational plans for the IMPC

15.45 – 16.00 **Elizabeth Fisher**
The value of the IMPC resource to researchers

16.00 – 16.15 **Steve Brown**
Closing remarks

16:15 onwards **Poster viewing, networking and discussion**