Preliminary Program

Thursday June 13, 2013

09.00	Registration & welcome with coffee	
09.55-10.00	**Opening** *Sjef Verbeek*	5´
10.00-12.15	**Session 1: Stem cell technology** *Chair: Paul Krimpenfort*	
10.00	**Anton Wutz** (University of Cambridge, Cambridge, UK) *The Biology of haploid mouse embryonic stem cells and their application for genetic screening*	45´
10.45	**Paul Krimpenfort** (Netherlands Cancer Institute, Amsterdam, the Netherlands) *Fast track production of complex tumor models starting from GEMM-derived embryonic stem cells: an update*	45´
11.30	**Series of short presentations selected from received abstracts**	45´
12.15-14.30	**Lunch + poster presentations + exhibition**	
14.30-18.00	**Session 2: Genome engineering I: Nucleases** *Chair: Sjef Verbeek*	
14.30	**Dietmar Kappes** (Fox Chase Cancer Center, Philadelphia, USA) *In vivo dissection of transcriptional control elements by ZNF-mediated gene targeting*	45´
15.15	**Haoyi Wang** (Whitehead Institute and Dept. of Biology, MIT, Cambridge, MA, USA) *Genome engineering of hES cells and mice using site-specific nucleases*	45´
16.00-16.30	**Coffee Break + exhibition**	
16.30	**Keith Joung** (Harvard Medical School, Charlestown, MA, USA) *Targeted genome editing using TALENs and CRIPR RNA-guided Nucleases*	45´
17.15	**Series of short presentations selected from received abstracts**	45´
18.30	**Drinks and snacks** **Dinner at Restaurant Luxor in Leiden** http://www.restaurant-luxor.nl/ **(Stationsweg 17; tel. +31 (0)71 - 514 9491)**	

Friday June 14, 2013

09.00-10.30	**Session 3: Genome engineering II** *Chair: Hein te Riele*	
09.00	**Ben Davies** (University of Oxford, Oxford, UK) *New integrases for genome engineering*	45´
09.45	**Hein te Riele** (Netherlands Cancer Institute, Amsterdam, the Netherlands) *Oligonucleotide-directed gene targeting: evading mismatch repair*	45´
10.30-11.00	**Coffee Break + exhibition**	
11.00-12.30	**Session 4: Resources** *Chair: Els Robanus-Maandag*	
11.00	**Barry Rosen** *(Wellcome Trust Sanger Institute, Hinxton, UK)* *Getting the most out of IKMC targeted mutant mouse resources"*	45´
11.45	**Marie-Christine Birling** *(ICS and IGBMC, Illkirch, France)* *The use of Cre and CreERT2 system in genetically modified mouse models*	45´
12.30-13.30	**Lunch + poster presentations + exhibition**	
13.30-15.00	**Session 5: Phenotyping** *Chair: Jos Jonkers*	
13.30	**Kevin Brindle** (University of Cambridge, Cambridge, UK) *Novel methods for imaging the tumour microenvironment and detecting treatment response*	45´
14.15	**Matthijs Verhage** (VuMc, Amsterdam, the Netherlands) *Automated phenotyping of complex traits in mice*	45´
15.00-15.30	**Coffee Break + exhibition**	
15.30-16.15	**Applications/models** *Chair: Marian van Roon*	
15.30	**Series of short presentations selected from received abstracts**	45´
16.15-16.45	**Forum discussion** *Moderator: Hein te Riele*	30´
16.45	**Closing remarks** *Sjef Verbeek*	5´