

Preliminary program IMM 2015

LUMC Leiden - Lecture hall 5

Thursday June 11, 2015

09.00	Registration & welcome with coffee	
09.55-10.00	Opening <i>Sjef Verbeek</i>	5'
10.00-12.00	Session 1: CRISPR/Cas9 genome engineering I <i>Chair: Sjef Verbeek</i>	
10.00	Shengdar Tsai (Joung lab, Mass Gen Hospital, Charlestown, USA) <i>Defining and improving the specificity of the CRISPR/Cas9 nuclease platform</i>	45'
10.45	Kosuke Yusa (Wellcome Trust Sanger Institute, Hinxton, UK) <i>Genome-wide recessive genetic screening with a lentiviral CRISPR-guide RNA library</i>	45'
11.30	Abstract 1	15'
11.45	Abstract 2	15'
12.00-14.00	Lunch + poster presentations + exhibition	
14.00-15.30	Session 2: Humanized models <i>Chair: Paul Krimpenfort</i>	
14.00	Julien Villaudy (Spits lab, AIMM Therapeutics, Amsterdam, NL) <i>Humanized immune system (HIS) mice as powerful preclinical in vivo models</i>	45'
14.45	Abstract 3	15'
15.00	Abstract 4	15'
15.15	Abstract 5	15'
15.30-16.00	Coffee Break + exhibition	
16.00-17.30	Session 3: Imaging <i>Chair: Jos Jonkers</i>	
16.00	Peter Friedl (University of Texas, Houston, USA) <i>Multi-scale intravital microscopy of the tumor-stroma interface and progression</i>	45'
16:45	Jacco van Rheenen (Hubrecht Institute, Utrecht, NL) <i>Intravital imaging of cancer plasticity at subcellular resolution</i>	45'
17.30	Drinks and snacks Dinner at Restaurant Luxor in Leiden http://www.restaurant-luxor.nl/ (Stationsweg 19; tel. +31 (0)71 - 514 9491)	

Friday June 12, 2015

09.00-10.30	Session 3: CRISPR/Cas9 genome engineering II <i>Chair: Els Robanus Maandag</i>	
09.00	Le Cong (Zhang lab, Broad Institute, Cambridge, USA) <i>RNA-guided genome engineering: new expansion of the Cas9 toolbox and in vivo applications</i>	45'
09.45	Francis Stewart (Technical University, Dresden, Germany) <i>Combining CRISPR/Cas9 with recombineering</i>	45'
10.30-11.00	Coffee Break + exhibition	
11.00-12.30	Session 4: Transgenic animal facilities <i>Chair: Marian van Roon</i>	
11.00	Toru Takeo (Kumamoto University, Kumamoto, Japan) <i>Improving the efficiency of mouse reproductive technology for connecting the world</i>	45'
11.45	Ivo Huijbers (Netherlands Cancer Inst., Amsterdam, NL) <i>Implementation of improved stem cell culture and new genome engineering technologies in a transgenesis core facility</i>	45'
12.30-13.30	Lunch + poster presentations + exhibition	
13.30-15.00	Session 5: Ex vivo models <i>Chair: Werner Müller</i>	
13.30	Marc van de Wetering (Clevers lab, Hubrecht Laboratory, Utrecht, NL) <i>Organoid models</i>	45'
14:15	Abstract 6	15'
14:30	Abstract 7	15'
14:45	Abstract 8	15'
15.00-15.30	Coffee Break + exhibition	
15.30-16.15	Session 6: Applications/models <i>Chair: Hein te Riele</i>	
15.30	Abstract 9	15'
15.45	Abstract 10	15'
16.00	Abstract 11	15'
16.15-16.45	Forum discussion <i>Moderator: Hein te Riele</i>	30'
16.45	Closing remarks <i>Sjef Verbeek</i>	5'