

# IMM2021

## 11<sup>th</sup> Workshop on Innovative Mouse Models

Four Thursday Zoom sessions in June 2021 at 3.00-4.30 PM CET

### PROGRAM

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#### Thursday June 3

##### Session 1 – New CRISPR/Cas technologies

Chair: Peter Hohenstein (LUMC, NL)

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15.00-15.45	Scott Lowe <i>Sloan Kettering Institute (US)</i>	Non-germline mouse models to dissect cancer mechanisms
15.45-16.15	Tomomi Aida <i>Massachusetts Institute of Technology (US)</i>	Genome editing for non-human primates
16.15-16.30	Hein te Riele <i>Netherlands Cancer Institute (NL)</i>	Hide for the Guide to improve single-base-pair substitution

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#### Thursday June 10

##### Session 2 – Relevance of disease models

Chair: Hein te Riele (NKI-AVL, NL)



WORLD  
PRECISION  
INSTRUMENTS  
*Instrumenting scientific ideas*

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15.00-15.45	Barbara Rehermann <i>National Institutes of Health (US)</i>	Natural versus laboratory world: wild mouse microbiota improve preclinical models of inflammation and metabolism
15.45-16.30	Angelika Schnieke <i>Technical University Munich (DE)</i>	Porcine models for biomedicine: is bigger better?

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#### Thursday June 17

##### Session 3 – Models for viral infection

Chair: Ivo Huijbers (University of Amsterdam, NL)



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15.00-15.45	Ralph Baric <i>UNC Gillings School (US)</i>	Emerging Coronavirus Pathogenic Mouse Models
15.45-16.30	Barry Rockx <i>Erasmus Medical Center (NL)</i>	Experimental Animal Models of SARS-CoV-2 Infection: Platforms to Study Pathogenesis, Transmission and Treatment

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#### Thursday June 24

##### Session 4 – Ethics and alternatives

Chair: Paul Krimpenfort (NKI-AVL, NL)



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15.00-15.15	Daniela Salvatori <i>Utrecht University (NL)</i>	Making the transition to animal-free innovations
15.15-15.30	Kirk Leech <i>European Animal Research Association</i>	Animal Research: Time to Talk!
15.30-15.45	Lluis Montoliu <i>National Centre of Biotechnology (ES)</i>	The optimal use of animals for research purposes today in Europe
15.45-16.30	Peter Hohenstein <i>Leiden Univ. Medical Center (NL)</i> Jos Jonkers <i>Netherlands Cancer Institute (NL)</i>	General discussion

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