



Web-Lecture Molecular Medicine



Zooming in ...

Mechanisms of Tissue Regeneration and Repair: from molecules to therapies

Summer term 2022 – Thursdays, 12 - 1 p.m.

- 21.04.22 **Modelling elements of wound healing in flies and fish and mice**
Paul Martin | University of Bristol, UK
- 28.04.22 **Scar-free cutaneous wound healing in zebrafish**
Matthias Hammerschmidt | Institute for Zoology & CMMC
- 05.05.22 **On regrowing structures and avoiding ageing: lessons from the salamander**
Maximina Yun | TU Dresden-CRTD & MPI for Molecular Cell Biology and Genetics
- 12.05.22 **Rewiring of adult hippocampal circuits by newly-generated neurons**
Matteo Bergami | CECAD & CMMC
- 19.05.22 **Tissue damage and repair – basic science and new opportunities in kidney research**
Paul Brinkkötter | Department Internal Medicine II & CMMC
- 02.06.22 **Under permanent construction - hair regeneration and tissue remodelling in skin homeostasis**
Catherin Niemann | CMMC & Center for Biochemistry
- 09.06.22 **Translating skin repair research into clinical practice**
Sabine Eming | Department of Dermatology, CECAD & CMMC
- 30.06.22 **Cell adhesion, polarity and mechanics in the regulation of epithelial barrier regeneration**
Carien Niessen | CECAD & CMMC
- 07.07.22 **Innate Immunity – regulator of vascular tone and ventricular remodelling**
Stephan Baldus | Department Internal Medicine III & CMMC
- 14.07.22 **Forced dedifferentiation of cardiomyocytes promotes heart regeneration**
Thomas Braun | MPI for Heart and Lung Research, Bad Nauheim

Organization & further information: S. Eming | Department of Dermatology, Vice-Chair CMMC, CECAD
C. Niemann | CMMC, Coordinator IPMM Scientific Curriculum

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