

Roman Mehling

Personal Data

Status/Function: PhD Student
Scientific focus: Inflammation/Immunology
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Education and qualifications

2015 – present **PhD student Inflammation/Immunology**
Eberhard Karls University Tübingen, Germany
2012 – 2015 **Master student**
Eberhard Karls University Tübingen, Germany
2009 – 2012 **Bachelor student**
Eberhard Karls University Tübingen, Germany

Work Experience

2015 – present **Scientific Researcher**
Impact of reactive oxygen species and NF- κ B signaling in inflammatory immune responses.
Department for Preclinical Imaging and Radiopharmacy
Eberhard Karls University Tübingen, Germany
2014 – 2015 **Student employee**
ZF/TRW Automotive, Alfdorf, Germany
2014 – 2015 **Master thesis**
Identification of staphylococcal enterotoxins as modulators of MDSC generation.
Department of Pediatrics I Infectiology & Immunology
Eberhard Karls University Tübingen, Germany
10/2013 – 3/2014 **Internship**
Interfaculty Institute of Microbiology and Infection Medicine Tuebingen (IMIT)
Eberhard Karls University Tübingen, Germany
4/2012 – 10/2012 **Bachelor thesis**
Die räumliche Organisation humaner und boviner Chondrozyten in der superfiziellen Zone diarthrodialer Gelenke.
Center for Regenerative Medicine, University of Tübingen, Germany

Teaching Experience

2017 12th Small Animal Imaging Workshop of the Werner Siemens Imaging Center
2016 11th Small Animal Imaging Workshop of the Werner Siemens Imaging Center
2017 Practical course in advanced Optical imaging for Medical Engineering students

Additional Qualifications and Skills

Language Skills: German, English, Russian, Spanish

IT qualification: MS Office, Graphpad Prism, living images

Publications

Myeloid-Derived Suppressor Cells in Bacterial Infections. Ost M, Singh A, Peschel A, **Mehling R**, Rieber N, Hartl D. *Front Cell Infect Microbiol.* 2016 Mar 31;6:37. doi: 10.3389/fcimb.2016.00037. eCollection 2016.

Conferences and Courses attended

Oral Presentations:

OPTICAL IMAGING – from Molecules to Humans (TOPIM TECH), 2017, Crete, Greece:

Essential repressor functions of canonical NF- κ B activation during acute and chronic T-cell driven delayed-type hypersensitivity reaction.

Frontiers in Redox Biology and Medicine (FirBaM), 2016, Rostock, Germany:

In vivo dynamics of reactive oxygen species (ROS) and NF- κ B activation during acute and chronic T cell driven inflammation.

Poster Presentations:

World Molecular Imaging Congress (WMIC) 2016, New York City, USA:

Canonical NF- κ B activation modulates leucocyte recruitment and oxidative stress during acute and chronic contact hypersensitivity reaction.

46th Annual Meeting of the German Society for Immunology (DGfI) 2016, Hamburg, Germany:

Canonical NF- κ B activation exhibit essential repressor functions during acute and chronic contact hypersensitivity reaction.

Professional Memberships

Since 2015: **ESMI – European Society of Molecular Imaging**