

Bonn-Melbourne Research Excellence Fund

Geförderte Projekte

Ausschreibung 2023

Molecular Pathology of Hippocampal Sclerosis: Detecting Pathogenic and Modifier Gene Variants in Hippocampal Tissue	Dr. Julika Pitsch (Dept. of Epileptology, Bonn) A/Prof Piero Perucca (Melbourne)
Advanced Resilience Analytics in the Digital Era: Knowledge Transfer on Harnessing Geospatial Data and Digital Twins	Dr. Mahsa Moghadas (Institut für Geodäsie und Geoinformation, Bonn) Abbas Rajabifard (Department of Infrastructure Engineering, Center for Spatial Data Infrastructures and Land Administration (CSDILA); Faculty of Engineering, Melbourne)
Superperfused Human Organoids to Study Metabolic Adaptation of the Gut in Response to Dietary Changes	Prof. Dr. Elena Reckzeh (LIMES Institut, Bonn) Alastair Steward (Biochemistry and Pharmacology; Medicine, Dentistry and Health Sciences, Melbourne)

Ausschreibung 2022

Utilising Artificial Intelligence in Cancer Imaging To Improve Patient Outcomes: A Computational, Clinical, and Basic Science Research Collaboration	Prof. Dr. Shadi Albarqouni (Klinik für Diagnostische und Interventionelle Radiologie, Uniklinikum Bonn) Dr. Hyun Soo Ko (The Sir Peter MacCallum Dept of Oncology, Melbourne)
Water as Method: Reading the Hydrocolony in Global Literature	Dr. Jennifer Leetsch (Bonn Center for Dependency and Slavery Studies) Dr. Tyne Daile Sumner (English and Theatre Studies, Melbourne)
Geoinformation Technologies for Collaborative Mapping: A Prerequisite for Sustainable Urban Mobility	Prof. Dr. Jan-Henrik Haurert (Institut für Geodäsie und Geoinformation, Bonn) Prof. Farhana Choudhury (School of Computing and Information Systems)

Ausschreibung 2021

<p>TGF-beta requirements for T follicular helper cells during severe viral infection</p>	<p>Prof. Dr. Dirk Baumjohann (Medizinische Klinik III, Uniklinikum Bonn)</p> <p>Dr. Axel Kallies (Dept of Microbiology and Immunology, Melbourne)</p>
<p>Testing lepton flavour universality in beauty meson decays to tau leptons at Belle II</p>	<p>Dr. Peter Lewis (Physikalisches Institut, Bonn)</p> <p>Dr. Marco Milesi (School of Physics, Melbourne)</p>
<p>Targeting Brain-Iron in ADHD with Quantitative Susceptibility Mapping (QSM)</p>	<p>Prof. Dr. Silke Lux (Klinik für Psychiatrie und Psychotherapie, Uniklinikum Bonn)</p> <p>Prof. David Coghill (Royal Children’s Hospital Melbourne; Murdoch Children’s Research Institute)</p>

Ausschreibung 2020

<p>New rapeseed/canola lines with novel sources of resistance to blackleg disease</p>	<p>Prof. Annaliese Mason (Institut für Nutzpflanzenwissenschaften und Ressourcenschutz, Bonn)</p> <p>Dr. Angela Van de Wouw (School of BioSciences, Melbourne)</p>
<p>Cryo-ET meets bacterial “Achilles’ Heel” – visualization of the daptomycin killing mechanism at molecular resolution</p>	<p>Prof. Tanja Schneider (Institut für Pharmazeutische Mikrobiologie, Bonn)</p> <p>Dr. Debnath Ghosal (Dept. of Biochemistry & Molecular Biology, Melbourne)</p>
<p>Between universalism and regionalization. Humanistic historiography in the 16th century in France and Germany on the horizon of early modern nationalism</p>	<p>Prof. Gernot Michael Mueller (Institut für Klassische und Romanische Philologie, Bonn)</p> <p>Prof. Véronique Duché (School of Languages and Linguistics, Melbourne)</p>