

## EU-Projects finished

### Projects in Horizon 2020

#### **Projects coordinated by MUI**

##### APERIM

*Advanced bioinformatics platform for PERsonalised cancer Immunotherapy*

Coordinator: Univ. Prof. Dipl.-Ing. Dr. Zlatko Trajanoski, Division of Bioinformatics

#### **Projects with participation of MUI**

##### HBP-SGA1

*Human Brain Project*

Partner: Univ.-Prof. Dipl.-Ing. Dr. Alois Saria, University Hospital for Psychiatry I

##### HBP-FPA

*Human Brain Project Framework Partnership Agreement*

Partner: Univ.-Prof. Dipl.-Ing. Dr. Alois Saria, University Hospital for Psychiatry I

##### HBP-SGA2

*Human Brain Project Specific Grant Agreement 2*

Partner: Univ.-Prof. i.R. Prof. Dr. Alois Kurt Saria, University Hospital for Psychiatry I

##### EUToxRisk

*An Integrated European Flagship Program Driving Mechanism-based Toxicity Testing and risk Assessment for the 21<sup>st</sup> Century*

Partner: Priv.-Doz. Dr. Paul Jennings

##### DNAXs2.0 – ISFP Grant

*Developing DNAXs2.0: the next generation DNA eXpert System accommodating DNA-profile matching, mixture interpretation and statistical analysis with validation and dissemination across Europe*

Partner: ao. Univ.-Prof. Mag. Dr. Walther Parson, Institute of Forensic Medicine

##### MDS-Right

*Providing the right care to the right patient with MyeloDysplastic Syndrome at the right time*

Partner: ao. Univ.-Prof. Dr. Reinhard Stauder MSc.,

University Hospital for Internal Medicine V

##### In3

*An integrated interdisciplinary approach to animal-free chemical and nanomaterial safety assessment*

Partner: Priv.-Doz. Dr. Paul Jennings

##### FAIR-PARK-II

*Conservative iron chelation as a disease-modifying strategy in Parkinson's disease: a multicentric, parallel-group, placebo-controlled, randomized clinical trial of deferiprone*

Partner: o. Univ.-Prof. Dr. Werner Poewe, University Hospital for Neurology

## VISAGE

*Broadened Forensic Use of DNA for Constructing Composite Sketches from Traces*  
Partner: ao. Univ.-Prof. Mag. Dr. Walther Parson, Institute of Forensic Medicine

## **Marie Skłodowska-Curie Actions Projects with participation of MUI**

### BrainMatTrain

*Development of Biomaterial-based Delivery Systems for Parkinson's disease - an Integrated Pan-European Approach*

Partner: ao. Univ.-Prof. Mag. Dr. Christian Humpel, University Hospital for Psychiatry I

### Immutrain

*Training Network for the Immunotherapy of Cancer*

Partner: Assoz. Prof. Priv.-Doz. Mag. Dr. Patrizia Stoitzner, University Hospital for Dermatology, Venereology and Allergology

### OPATHY

*From Omics to Patient: Improving Diagnostics of Pathogenic Yeasts*

Partner: Univ.-Prof. Dr. Cornelia Lass-Flörl, Division of Hygiene and Medical Microbiology

## Projects in FP7

### **Projects coordinated by MUI**

#### ncRNAPain

*Non-coding RNAs in neurogenic and neuropathic pain mechanisms and their application for risk assessment, patient stratification and personalised pain medicine*

Coordinator: Univ.-Prof. Dr. Michaela Kress, Division of Physiology

#### SAXCESS

*Structure-function of Afamin by X-ray Crystallography Enabled Structure Solution*

Coordinator: Ao.Univ.-Prof.i.R. Dr.techn. Johann Dieplinger, Division of Genetic Epidemiology

#### InfantBilingualBrain

*Language learning in monolingual and bilingual infants: Evidence from electrophysiological and optical signals*

Coordinator: o. Univ.-Prof. Dr. Gerhard Schüßler, University Hospital for Medical Psychology

#### OPTATIO

*OPTimizing TArgets and Therapeutics In high risk and refractOry Multiple Myeloma*

Coordinator: Dr. Wolfgang Willenbacher, University Hospital for Internal Medicine V

#### TOLERAGE

*Normalisation of immune reactivity in old age – from basic mechanisms to clinical application*

Coordinator: em. O. Univ.-Prof. Dr. Georg Wick, Division of Experimental Pathophysiology & Immunology

catchIT

*Coherently Advanced Tissue and Cell Holographic Imaging and Trapping*

Coordinator: o. Univ.-Prof. Dr. Monika Ritsch-Marte, Division of Biomedical Physics

## **Projects with participation of MUI**

### [ECRIN](#)

*European Clinical Research Infrastructures Network - Integrating Activity*

Partner: Mag.(FH) Sabine Embacher-Aichhorn, OE Clinical Trial Center (CTC)

### [EUROFORGEN](#)

*EUROPEAN FORENSIC GENETICS Network of Excellence*

Partner: ao. Univ.-Prof. Mag. Dr. Walther Parson, Institute of Forensic Medicine

### [EUROHYP-1](#)

*European multicentre, randomised, phase III clinical trial of hypothermia plus best medical treatment versus best medical treatment alone for acute ischaemic stroke*

Partner: Assoz. Prof. Priv.-Doz. Dr. Gregor Brössner, University Hospital for Neurology

### [OPTiMiSE](#)

*Optimization of Treatment and Management of Schizophrenia in Europe (OPTiMiSE)*

Partner: Univ.-Prof. Dr. Walter Wolfgang Fleischhacker, University Hospital for Psychiatry I

### [DoHealth](#)

*VitaminD3-Omega3-Home Exercise- HeALTHy Ageing and Longevity Trial*

Partner: Univ.-Prof. Dr Michael Blauth, University Hospital for Trauma Surgery

### [Mitigate](#)

*Closed-loop Molecular Environment for Minimally Invasive Treatment of Patients with metastatic Gastrointestinal Stromal Tumours*

Partner: o. Univ.-Prof. Dr. Werner Jaschke, University Hospital for Radiology

### [Multisyn](#)

*Multimodal Imaging of rare Synucleinopathies*

Partner: Univ. Prof. Dr. Gregor Wenning, University Hospital for Neurology

### [SYMPATH](#)

*Reach  $\alpha$ -synuclein-dependent neurodegeneration: clinical development of therapeutic AFFITOPE vaccines for Parkinson's disease and multisystem atrophy*

Partner: o. Univ.-Prof. Dr. Werner Poewe, University Hospital for Neurology

### [Lab2go](#)

*Demonstrating Minicare, a mininaturized biophotonics platform for fast and lab-equivalent Point-of-Care diagnostics CIP - Competitiveness and Innovation Programme*

Partner: ao. Univ.-Prof. Dr. Johannes Mair, University Hospital for Internal Medicine III

### [SYSKID](#)

*Systemsbiology towards novel chronic kidney disease diagnosis and treatment*

Partner: Univ.-Prof. Dr. Gert Mayer, University Hospital for Internal Medicine IV

## MOODINFLAME

*Early diagnosis, treatment and prevention of mood disorders targeting the activated inflammatory response system*

Partner: Univ.-Prof. Dr. Barbara Sperner-Unterweger, University Hospital for Psychiatry II

## EFACTS

*European Friedreich's Ataxia Consortium for Translational Studies*

Partner: Priv.-Doz. Dr. Sylvia Bösch, University Hospital for Neurology

## REINFORCE

*Inflammatory Bowel Disease: an EU-NZ integrated approach for characterizing its molecular multifactorial mechanisms*

Partner: Univ.-Prof. Dr. Herbert Tilg, University Hospital for Internal Medicine I

## [EUROCALIN](#)

*EUROpean consortium for antiCALINs as next generation high-affinity protein therapeutics*

Partner: Univ.-Prof. Dr. Günter Weiss, University Hospital for Internal Medicine II

## MIDAS

*The Development and Validation of a Rapid Millifluidic DNA analysis system for forensic casework samples*

Partner: o. Univ.-Prof. Dr. Richard Scheithauer, Institute of Forensic Medicine

## Nucleosome 4D

*Nucleosome Structure & Function across Biological Scales and Biological Function*

Partner: Univ.-Prof. Dr. Alexandra Lusser, Division of Molecular Biology

## ENNAH

*European Network on Noise and Health*

Partner: ao. Univ.-Prof. Dr. Peter Lercher

## PRO-NEST

*Prostate Research Organization-Network of Early Stage Training*

Partner: Univ.-Prof. Dr. Zoran Culig, University Hospital for Urology

## PREDICT-IV

*Profiling the toxicity of new drugs: a non animal-based approach integrating toxico-dynamics and biokinetics*

Partner: Univ.-Prof. Dr. Walter Pfaller

## SYBILLA

*System Biology of T-cell Activation in Health and Disease*

Partner: Univ.-Prof. Dr. Gottfried Baier, Division of Cell Genetics

## [VascuBone](#)

*Construction kit for tailor-made vascularized boneimplants*

Partner: Univ.-Prof. DDr. Michael Rasse

### [Euro DRG](#)

*Diagnosis-Related Groups in Europe: towards Efficiency and Quality*

Partner: o. Univ.-Prof. Dipl.-Ing. Dr. Karl Pfeiffer

### DETECTIVE

*Detection of endpoints and biomarkers of repeated dose of toxicity using in vitro systems*

Partner: Priv.-Doz. Dr. Paul Jennings

### [DISCHARGE](#)

*Diagnostic Imaging Strategies for Patients with Stable Chest Pain and Intermediate Risk of Coronary Artery Disease: Comparative Effectiveness Research of Existing Technologies*

Partner: ao. Univ.-Prof. Dr. Gudrun Feuchtner, University Hospital for Radiology

### [Mitigate](#)

*Closed-loop Molecular Environment for Minimally Invasive Treatment of Patients with metastatic Gastrointestinal Stromal Tumours*

Partner: o. Univ.-Prof. Dr. Werner Jaschke, University Hospital for Radiology

### [IMI – Innovative Medicines Initiative](#)

#### [Abirisk](#)

*Anti-Biopharmaceutical Immunization: Prediction and analysis of clinical relevance to minimize the risk*

Partner: ao. Univ.-Prof. Dr. Florian Deisenhammer, University Hospital for Neurology

#### [Stem BANCC](#)

*Stem cells for Biological Assays of Novel drugs and predictive toxicology*

Partner: ao. Univ.-Prof. Dr. Gerhard Gstraunthaler, Division of Physiology

### [Eurostars](#)

#### [BioGuidePCa](#)

Biomarker Guided Prostate Cancer Management

Coordinator: ao. Univ.-Prof. Dr. Zoran Culig, University Hospital for Urology

### [COST](#)

#### [Mitoeagle](#)

*Evolution-Age-Gender-Lifestyle-Environment: mitochondrial fitness mapping*

Coordinator: ao. Univ.-Prof.i.R. Dr. Erich Gnaiger, University Hospital for Visceral, Transplant and Thoracic Surgery

## FWF-EU

ERA, Infect-ERA 1

*Systematic identification of antifungal drug targets by a metabolic network approach*

Partner: Ao. Univ.-Prof. Dr. Hubertus Haas, Division of Molecular Biology

ERA Transcan

*Nanoparticle-Enhanced molecular Fluorescence-Endoscopy for detection of colon cancer (NanoEFEct)*

Coordinator: Ao. Univ.-Prof.i.R. Dr. Paul Debbage

ERA Transcan

*Translational Implementation of genetic evidence in the management of MDS (TRIAGE-MDS)*

Partner: Ao. Univ.-Prof. Dr. Reinhard Stauder, University Hospital for Internal Medicine V

ERA Transcan

*A novel radiolabelled biomarker for medullary thyroid cancer (GRA-T-MTC)*

Partner: Univ.-Doz. Mag. Dr. Clemens Decristoforo, University Hospital for Nuclear Medicine

ERA, E-RARE 2

*Eugene Devic European Network (EDEN)*

Partner: Univ.-Prof. Dr. Markus Reindl, University Hospital for Neurology

ERA, E-RARE 2

*Targeting Alpha-Synuclein for treating multiple system atrophy*

Coordinator: Univ.-Prof. DR. Gregor Wenning, University Hospital for Neurology

ERA Pathogenomics

*Oxystress and human fungal pathogens: clinical and applied aspects*

Coordinator: Univ.-Prof. Dr Cornelia Lass-Flörl, Division of Hygiene and Medical Microbiology

ERA Pathogenomics

*Biomarker and antifungal resistance in Aspergillus*

Coordinator: Univ.-Prof. Dr Cornelia Lass-Flörl, Division of Hygiene and Medical Microbiology

ERA Pathogenomics

*Transcriptional networks controlling virulence in filamentous fungal pathogens*

Partner: Univ.-Prof. Dr. Hubertus Haas, Division of Molecular Biology

ERA; Infect-ERA 2016

*EpiCross: Epigenetic Basis and Therapeutic Implications of the Cross-regulation of Arginase1*

Coordinator: Univ.-Prof. Dr. Günter Weiss, University Hospital for Internal Medicine VI

ERA; PERMED 2018

*Personalized Treatment in IgA Nephropathy (PersTlgAN)*

Coordinator: Dr. Michael Rudnicki, University Hospital for Internal Medicine IV

## INTERREG Italia – Österreich

### AppleCare

Therapie der Birkenpollenallergie durch Apfelkonsum

Coordinator: Ao. Univ.-Prof. Dr. Norbert Reider, University Hospital for Dermatology, Venerology and Allergology

### MEMS

Heterogenität von Melanomen: von den Bergen zum Meer - Meereshöhe, Sonnenexposition und Umweltverschmutzung in der Entwicklung von kutanen Neoplasien

Coordinator: Univ.-Prof. Dr. Matthias Schmuth, University Hospital for Dermatology, Venerology and Allergology

### PreCanMed

Erstellen einer "Precision Cancer Plattform"

Coordinator: Univ.-Prof. Dr. Lukas Huber, Institute of Cell Biology

P-CARE - *Eine technologische Plattform zur Bekämpfung von Krebstherapieresistenzen*

Coordinator: Univ.-Prof. Dr. Dominik Wolf, University Hospital for Internal Medicine V