

International Projects

I4239 Personalized Treatment in IgA Nephropathy (PersTIGAN)

project lead: RUDNICKI Michael
university / research place: University Hospital for Internal Medicine IV, Innsbruck Medical University, Anichstraße 35, 6020 Innsbruck, Tyrol, Austria
decision board: 26.11.2018
lifetime: 01.05.2019 – 30.04.2021
science discipline
75% 302 Clinical Medicine
25% 106 Biology
keywords: Chronic kidney disease, personalized medicine, IgA nephropathy, biomarker, proteomics

I4229 Biomolecular Analyses for Tailored Medicine in AcneInversa (BATMAN)

project lead: SCHMUTH Matthias
university / research place: University Hospital for Dermato-Venerology, Innsbruck Medical University, Anichstraße 35, 6020 Innsbruck, Tyrol, Austria
decision board: 26.11.2018
lifetime: 01.05.2019 – 30.04.2022
science discipline
70% 106 Biology
30% 302 Clinical Medicine
keywords: hidradenitis, inflammation, metabolism, skin, hair follicle

I4220 Novel ^{99m}Tc-labeled somatostatin receptor antagonists (TECANT)

project lead: VIRGOLINI Irene Johanna
university / research place: University Hospital for Nuclear Medicine, Innsbruck Medical University, Anichstraße 35, 6020 Innsbruck, Tyrol, Austria
decision board: 26.11.2018
lifetime: 01.07.2019 – 30.06.2022
science discipline
90% 302 Clinical Medicine
10% 301 Medical-Theoretical Sciences, Pharmacy
keywords: Neuroendocrine Neoplasms, SPECT, Antagonists, Technetium-99m, Somatostatin Receptor

I4161 Investigating long non-coding RNA regulated pathways

project lead: HAUBNER Bernhard Johannes
university / research place: University Hospital for Internal Medicine III, Innsbruck Medical University, Anichstraße 35, 6020 Innsbruck, Tyrol, Austria
decision board: 01.10.2018
lifetime: 01.04.2019 – 31.03.2022
science discipline
100% 302 Clinical Medicine
keywords: heart failure, cardiac regeneration, Long non-coding RNA, myocardial infarction, therapy

I4147 Modelling electrical stimulation of the human cochlear nerve

project lead: SCHROTT-FISCHER Anneliese
university / research place: University Hospital for Otorhinolaryngology, Innsbruck Medical University, Anichstraße 35, 6020 Innsbruck, Tyrol, Austria
decision board: 01.10.2018
lifetime: 01.03.2019 – 28.02.2022
science discipline
50% 206 Medical Engineering
50% 301 Medical-Theoretical Sciences, Pharmacy
keywords: human inner ear, computational modelling, finite element modelling, cochlea implant, hearing loss

I4140 Glutamine metabolism as potential target for prostate cancer

project lead: SKVORTSOV Sergej
university / research place: University Hospital for Radiotherapy, Innsbruck Medical University, Anichstraße 35, 6020 Innsbruck, Tyrol, Austria
decision board: 01.10.2018
lifetime: 01.03.2019 – 28.02.2022
science discipline
50% 301 Medical-Theoretical Sciences, Pharmacy
35% 106 Biology
15% 302 Clinical Medicine
keywords: Radiosensitization, Biomarkers, Prostate Cancer, Radiation Therapy

I3984 3D diffractive elements through fs-laser direct writing

project lead: JESACHER Alexander
university / research place: Department for Physiology and Medical Physics, Innsbruck Medical University, Schöpfstraße 41, 6020 Innsbruck, Tyrol, Austria
decision board: 11.03.2019
lifetime: 07.01.2020 – 06.01.2023
science discipline
50% 103 Physics, Astronomy

25% 202 Electrical Engineering, Electronics, Information Engineering
25% 102 Computer Sciences
keywords: diffractive optical elements, femtosecond laser direct writing

I3978 IBDome

project lead: TRAJANOSKI Zlatko
university / research place: Division of Bioinformatics, Biozentrum Innsbruck, Innsbruck Medical University, Innrain 80-82, 6020 Innsbruck, Tyrol, Austria

decision board: 25.06.2018
lifetime: 01.08.2018 – 31.07.2022
science discipline
100% 106 Biology
keywords
inflammatory bowel diseases, database, bioinformatics

I3976 Predictive markers of immune checkpoint inhibitor therapy

project lead: DUDAS József
university / research place: University Hospital for Otorhinolaryngology, Innsbruck Medical University, Anichstr. 35, 6020 Innsbruck, Tyrol, Austria

decision board: 01.10.2018
lifetime: 01.03.2019 – 28.02.2023
science discipline
55% 301 Medical-Theoretical Sciences, Pharmacy
45% 302 Clinical Medicine
keywords: immune checkpoint, immunohistochemistry, predictiv

I3352 Efficacy and safety of nicotinamide in patients with Friedreich's ataxia (NICOFA)

project lead: BOESCH Sylvia Maria
university / research place: University Hospital for Neurology, Innsbruck Medical University, Anichstr. 35, 6020 Innsbruck, Tyrol, Austria

decision board: 03.10.2016
lifetime: 01.04.2017 - 31.03.2022
science discipline
80% 302 Clinical Medicine
20% 301 Medical-Theoretical Sciences, Pharmacy
keywords: Neurology, Ataxia, Frataxin, Nicotinamide, Genetics, SARA

I3321 EpiCross: Epigenetic Basis and Therapeutic Implications of the Cross-regulation of Arginase1

project lead: WEISS Günter
university / research place: University Hospital for Internal Medicine VI, Innsbruck Medical University, Anichstr. 35, 6020 Innsbruck, Tyrol, Austria

decision board: 03.10.2016

lifetime: 01.02.2017 – 30.06.2020

science discipline

60% 301 Medical-Theoretical Sciences, Pharmacy

40% 303 Health Sciences

keywords: host-microbe interaction, epigenetic regulation of immune genes, innate immune regulation, new antimicrobial pathways, intracellular pathogens, macrophage

13291 Protein-protein interaction networks for precision oncology

project lead: TRAJANOSKI Zlatko

university / research place: Division of Bioinformatics, Biocenter Innsbruck, Innsbruck Medical University, Innrain 80-82, 6020 Innsbruck, Tyrol, Austria

decision board: 08.05.2017

lifetime: 01.10.2017 - 30.09.2020

science discipline

100% 102 Computer Sciences

keywords cancer immunology, protein complexes, neoantigens, breast cancer

13271 New insights into the Bcl2 family: from biophysics to function

project lead: VILLUNGER Andreas

university / research place: Division of Developmental Immunology, Innsbruck Medical University, Biocenter, Innrain 80 – 82, 6020 Innsbruck, Tyrol, Austria

decision board: 03.10.2016

lifetime: 01.04.2017 – 31.03.2020

science discipline

100% 301 Medical-Theoretical Sciences, Pharmacy

keywords: Bcl2 family, cell cycle, apoptosis

13258 Local remodelling and mechanoregulation of bone fracture healing in healthy, aged, and osteoporotic humans

project lead: BLAUTH Michael

university / research place: University Hospital for Trauma Surgery, Innsbruck Medical University, Anichstr. 35, 6020 Innsbruck, Tyrol, Austria

decision board: 03.10.2016

lifetime: 01.02.2017 – 31.01.2021

science discipline

30% 211 Other Technical Sciences

30% 302 Clinical Medicine

25% 206 Medical Engineering

15% 403 Veterinary Medicine

keywords: Mechanobiology, Micro-FE analysis, metaphyseal bone fracture healing, computational simulation, time-lapse in vivo HR-pQCT, osteoporosis

I3154 Gapless man:machine interface in the inner ear

project lead: GLÜCKERT Rudolf
university / research place: Department of Otorhinolaryngology (ENT), Hearing, Speech & Voice Disorders, Innsbruck Medical University, Anichstr.35, 6020 Innsbruck, Tyrol, Austria
decision board: 03.10.2016
lifetime: 01.10.2017 – 30.09.2020
science discipline
80% 106 Biology
20% 102 Computer Sciences
keywords: auditory nerve regeneration, neurotrophic factors, electrical stimulation, cochlear implant

I3132 The gamma-core motif of antifungal proteins of Ascomycetes

project lead: MARX-LADURNER Florentine
university / research place: Division of Molecular Biology, Innsbruck Medical University, Biocenter, Innrain 80 - 82, 6020 Innsbruck, Tyrol, Austria
decision board: 03.10.2016
lifetime: 01.05.2017 – 30.04.2022
science discipline
100% 106 Biology
keywords: gamma-core protein motif, antifungal proteins and peptides, structure-function relation, antifungal drug development

I3089 Inhibition of FOXO3-DNA interaction by small molecules

project lead: AUSSERLECHNER Michael
university /research place: Department of Child and Adolescent Health , Innsbruck Medical University, Anichstr. 35, 6020 Innsbruck, Tyrol, Austria
decision board: 28.11.2016
lifetime: 01.02.2017 – 31.01.2022
science discipline
50% 301 Medical-Theoretical Sciences, Pharmacy
26% 106 Biology
24% 104 Chemistry
keywords: Forkhead Transcription Factors, Structural Biology, Pathophysiology, Cancer Therapy, NMR Structure, Drug Optimization

I2909 C1r and C1s Mutations in Ehlers-Danlos syndrome periodontal

project lead: ZSCHOCKE Johannes
university / research place: Division of Human Genetics, Innsbruck Medical University, Peter-Mayr-Str. 1, 6020 Innsbruck, Tyrol, Austria
decision board: 27.06.2016
lifetime: 01.12.2016 – 31.01.2020

science discipline

67% 301 Medical-Theoretical Sciences, Pharmacy

33% 302 Clinical Medicine

keywords: Complement, Ehlers-Danlos Syndrome, Periodontitis, Collagen, Mutation

I2550 Complement and regulatory T cells

project lead: STOIBER Heribert

university / research place: Division of Virology, Innsbruck Medical University,
Schöpfstr. 41, 6020 Innsbruck, Tyrol, Austria

decision board: 05.10.2015

lifetime: 01.03.2016 – 31.12.2019

science discipline

70% 301 Medical-Theoretical Sciences, Pharmacy

30% 303 Health Sciences

keywords: complement system, regulatory T cells, Friend virus, dendritic cells

I2215 Plasticity of amygdala intercalated cell microcircuits in fear learning

project lead: FERRAGUTI Francesco

university / research place: Institute of Pharmacology, Innsbruck Medical University,
Peter-Mayr-Str. 1a, 6020 Innsbruck, Tyrol, Austria

decision board 04.05.2015

lifetime: 01.10.2015 - 30.09.2020

science discipline

100% 301 Medical-Theoretical Sciences, Pharmacy

keywords: Amygdala intercalated cells, Synaptic plasticity, Fear learning, Dopaminergic modulation, GABAergic system, Ionotropic glutamate receptors

I2120 Safer Screen for REM sleep behavior disorder (RBD)

project lead: HÖGL Birgit

university / research place: University Hospital for Neurology, Innsbruck Medical University,
Anichstr. 35, 6020 Innsbruck, Tirol, Österreich

decision board: 06.10.2014

lifetime: 01.02.2015 – 31.01.2021

science discipline

90% 302 Clinical Medicine

10% 504 Sociology

keywords: Neurodegeneration, Questionnaire, REM sleep behavior disorder (RBD), Polysomnography, Parkinson syndromes, smartphone