Hertha-Firnberg-Programme

**T1091 Role of PKN1 in retinal development and degeneration**

project lead: ZUR NEDDEN Stephanie  
university / research place: Division of Neurobiochemistry, Innsbruck Medical University, Biocenter Innsbruck, Innrain 80-82, 6020 Innsburck, Tyrol, Austria  
decision board: 24.06.2019  
lifetime: 01.10.2019 – 30.09.2024  
science discipline: 100% 106 Biology  
keywords: apoptosis, neuroprotection, blindness, axonal pathfinding, Protein Kinase N1, retinal development

**T974 The tumor-immune interface of human lung cancer**

project lead: FINOTELLO Francesca  
university / research place: Division of Bioinformatics, Innsbruck Medical University, Biocenter Innsbruck, Innrain 80-82, 6020 Innsburck, Tyrol, Austria  
decision board: 27.11.2017  
lifetime: 01.02.2018 – 31.05.2021  
science discipline: 100% 102 Computer Sciences  
keywords: cancer immunotherapy, immune contexture, NGS, lung cancer, deconvolution, checkpoint blockers

**T758 Drug vs. natural reward intracellular pathways**

project lead: Rana EL RAWAS  
university / research place: University Hospital for General and Social Psychiatry Anichstr. 35, 6020 Innsbruck, Tyrol, Austria  
decision board: 05.11.2015  
lifetime: 01.04.2016 - 31.03.2021  
science discipline: 50% 106 Biology  
50% 301 Medical-Theoretical Sciences, Pharmacy  
Keywords addiction, natural reward, conditioned place preference, drug of abuse, CREB, intra-cellular pathways
The role of Langerhans cells and natural killer cells in cancer immune surveillance

project lead: ORTNER-TOBIDER Daniela
university / research place: University Hospital for Dermatology and Venerology, Anichstr. 35, 6020 Innsbruck, Tyrol, Austria
decision board: 20.01.2015
lifetime: 01.03.2015 – 31.07.2020

science discipline:
90% 301 Medical-Theoretical Sciences, Pharmacy
10% 302 Clinical Medicine

Keywords hedgehog pathway, natural killer cells, langerhans cells, cancer, immune surveillance, tumor escape