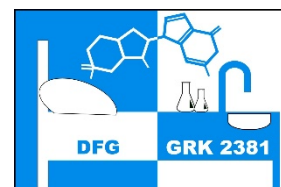


GRK 2381

cGMP: From Bedside to Bench



GRK 2381 Science Forum I

Venue: IFIB Social Room 2nd floor, 12:15-1:45 pm

Schedule October 2019 to July 2020 (as of June 4, 2020)

Date	Topic	Speaker
October 9, 2019	Kick-off Meeting	Prof. Robert Feil IFIB, GRK 2381
November 6, 2019	Preclinical multiparametric imaging and beyond: new tracers, novel methods, converging data	Prof. Bernd Pichler Werner Siemens Imaging Center, University Clinics Tübingen
January 29, 2020	Mechanotransduction in vascular smooth muscle cells (preliminary title)	Prof. Gerald Meininger Dalton Cardiovascular Research Center, University of Missouri
February 5, 2020	Doctoral researcher presentations:	
	cGMP and visual signal processing in the inner retina	Dominic Gonschorek (Project 8)
	cGMP pathways as novel molecular targets in the brain for autistic, cognitive and auditory processing disabilities	Philine Marchetta (Project 9)
	Does cGMP signaling in VSMCs and platelets affect their biomechanical properties and arterial stiffness?	Johanna Rodriguez (Project 3)
March 4, 2020	Doctoral researcher presentations:	
	The role of cGMP signaling for transdifferentiation of smooth muscle cells in atherosclerosis	Malte Roeßing (Project 4)
	NO-cGMP mediated effects on platelet lipid metabolism and their role in governing thromboinflammation in stroke	Marcel Kremser (Project 5)
	Does cGKI – through BK channels in the nuclear envelope – counteract activity-dependent acquired neuroprotection?	Thomas Pham (Project 6)
April 29, 2020 ONLINE MEETING	Doctoral researcher presentations:	
	Identification of cGMP-dependent protein kinase I substrates mediating sensory axon bifurcation	Alexandra Böttcher (Project 7)
	Visualizing and understanding the role of cGMP in cancer	Mariagiovanna Barresi (Project 1)
	cGMP signaling in cardiac injury and repair	Melanie Cruz Santos (Project 2)
May 6, 2020 POSTPONED	Targeting cGMP in CNS drug discovery: A translational approach into cognition enhancement	Prof. Jos Prickaerts Maastricht University School for Mental Health and Neuroscience
May 6, 2020 4 pm, ONLINE MEETING	β-Catenin in Human Autism	Prof. Michele Jacob Graduate School of Biomedical Sciences, Tufts University, Boston

<p>June 16, 2020</p> <p>POSTPONED</p>	<p>Mini-Symposium GRK 2381 Meets FEBGLA e.V. with posters by GRK doctoral researchers (send author(s) and title to RL by 31.5.20), Institute of Pharmacy, 3-7 pm</p>	<p>TBA</p>
<p>June 17, 2020</p> <p>5 pm, ONLINE MEETING</p>	<p>Nitric Oxide Activation of Soluble Guanylate Cyclase</p>	<p>Prof. Michael Marletta, University of California, Berkeley, California Institute for Quantitative Biosciences</p>
<p>June 23, 2020</p> <p>POSTPONED</p>	<p>Cav-independent functions of the Cavβ3 subunit (preliminary title)</p>	<p>Prof. Veit Flockerzi Center for Molecular Signaling, Saarland University</p>
<p>June 25, 2020</p> <p>4 pm, ONLINE MEETING</p>	<p>The effect of bicarbonate and cell structure on signaling in retinal rods and cones</p>	<p>Dr. Polina Geva Boston University</p>