



**IRTG JASPER SYMPOSIUM – JASPER PARK LODGE
AUGUST 27-30, 2012**

PROGRAM SCHEDULE

Monday, August 27th

9:00am	Travel to Jasper
2:00pm	Hotel Check in and Registration
2:45pm	Main Session – Mary Schaeffer Ballroom
2:45pm-3:00pm	Welcome and Opening Comments by Joe Casey & Ekkehard Neuhaus
	SESSION I MEMBRANE TRANSPORT PROTEINS PART 1 Mary Schaeffer Ballroom Chair- Grant Kemp
3:00pm-3:30pm	Maria Müller (<i>PhD student in the group of Ekkehard Neuhaus</i>) - Plastidic sodium transport and its effects on plant metabolism
3:30pm-4:00 pm	Chris Cheeseman – Differential regulation of human SLC2A9a and SLC2A9b isoforms in urate handling in <i>Xenopus laevis</i> oocyte expression system
4:00pm-4:30pm	Joachim Deitmer/Holger Becker The role of monocarboxylate transporters (MCT) for ketone body uptake
4:30pm-5:30 pm	Poster set up and break
5:30pm-6:30 pm	Dinner – Ballroom C

6:45pm	SESSION I MEMBRANE TRANSPORT PROTEINS PART 2 Chair- Grant Kemp	Mary Schaffer Ballroom
6:45pm-7:15 pm	Larry Fliegel Regulation of Activity of the Mammalian Na ⁺ /H ⁺ Exchanger	
7:15pm-7:45pm	Jan Kullmann (<i>for Eckhard Friauf</i>) Glycinergic neurotransmission and the reuptake systems GlyT2 and GlyT1	
7:45pm-8:15 pm	Joe Casey Corneal Disease caused by a misbehaving membrane protein	
8:15pm-9:45pm	Poster Session I- Presenters at posters Cash Bar	Ballroom
9:45-??	Socialize with drinks	
Tuesday, August 28th		
7:00am-8:30am	Breakfast Buffet – Ballroom C	
8:30am	SESSION II ORGANELLAR MEMBRANE PROTEINS Chair- Steven Willows	Mary Schaffer Ballroom
8:30am-9:00am	Jan Riemer Redox control in respiratory chain biogenesis	
9:00am-9:30am	Shangmei Hou (<i>Graduate Student Tom Hobman lab</i>) Flavivirus infection and peroxisome biogenesis: Implications for anti-viral signaling	
9:30am-10:00am	Ajay Ramesh (<i>PhD student in the group of Johannes Herrmann</i>) Molecular dissection of the mitochondrial protein import machinery	
10:00am-10:30am	Emmanuelle Cordat Regulation of kidney anion exchanger 1 trafficking	
10:30am-10:45am	Break	
10:45am-11:15am	Nico Schäuble (PhD student in the group of Richard Zimmermann) Gating of the Sec61 channel by BiP, Sec63, and Calcium-Calmodulin	
11:15am-11:45am	Cuc Quynh Nguyen-Truong (<i>PhD student in the group of Jens Rettig</i>) Functional analysis on CAPS2 splice variants in mouse chromaffin cells	
11:45am-12:15pm	Manfred Schmitt Plasma membrane localized KDEL receptors as key in A/B toxin endocytosis and retrograde transport	
12:15pm	Pick up bag lunches in Ballroom C	

12:30pm-5:30pm	Jasper Excursion
6:00pm-7:00pm	Dinner – Ballroom C
7:15 pm	SESSION III THE POWER OF BIOPHYSICS APPLIED TO MEMBRANE PROTEINS Mary Schaffer Ballroom Chair-Amira Fitieh
7:15pm-7:45pm	Sandro Keller Biophysical approaches to the functional reconstitution of membrane proteins
7:45pm-8:15pm	John Githaka (PhD Student from Nicolas Touret's lab) Control of angiogenesis through clustering of CD36 receptors
8:15pm-9:45pm	Poster Session II- Presenters at posters Cash Bar Mary Schaffer Ballroom
9:45-??	Socialize with drinks
Wednesday, August 29th	
7:00am-8:30am	Breakfast – Ballroom C
8:30am	SESSION IV MEMBRANE PROTEINS AND ION HOMEOSTASIS Mary Schaffer Ballroom Chair- Justin Fedor
8:30am-9:00am	Jutta Engel Unusual properties of voltage- and Ca ²⁺ -dependent big conductance K ⁺ (BK) channels in mammalian inner hair cells
9:00am-9:30am	Przemek Gorski (<i>PhD student from Howard Young's lab</i>) Structure and function of calcium transport regulatory complexes
9:30am-10:00am	Barbara Niemeyer/Christian Backes The Immune Synapse in Helper- and Killer cells
10:00am-10:30am	Xing-Zhen Chen Function and regulation of TRP-type channel TRPP3
10:30am-10:45am	Break
10:45am-11:15am	Anouar Belkacemi (PhD student in the group of Veit Flockerzi) New functions of the beta3 subunit of voltage-gated Ca channels
11:15am-11:45am	Joel Weiner A novel protein export pathway via <i>escherichia coli</i> porins

11:45am-12:15pm	Todd Alexander: Cldn14 and calcium homeostasis
12:15pm	Pick up bag lunches in Ballroom C
12:30pm-5:30pm	Jasper Area Excursion
6:00pm-7:00pm	Dinner – Ballroom C
7:15pm-9:15pm	Small groups: Meetings between partner labs – See Separate Schedule
Mtg. Spaces	Ballroom BC <ul style="list-style-type: none"> ● Emerald Lounge ● The Moose's Nook Northern Grill ● Oka Sushi ● Tent City Pub
9:15pm- ???	Socialize with drinks
Thursday, August 30th	
7:30am-8:30am	Breakfast Buffet –Ballroom C
8:45am	SESSION V NUCLEOSIDE TRANSPORT Mary Schaffer Ballroom Chair- Gonzalo Vilas
8:45am-9:15am	Sandra Witz (<i>PhD student in the group of Torsten Möhlmann</i>) A novel membrane protein in <i>Arabidopsis thaliana</i> involved in pyrimidine degradation and salvage – the plastidic nucleobase transporter PLUTO
9:15am-9:45am	Joanne Lemieux Overexpression of nucleoside transporters for structural studies
9:45am-10:00am	Closing remarks
10:15am	Pick up bag lunches in Ballroom C
10:30am	Departure