

PAUL SCHERRER INSTITUT



**Werner Siemens
Imaging Center**

Joint PSI – WSIC Meeting

Wednesday, 6 February 2019

+

Thursday, 7 February 2019



<https://www.hochschwarzwald.de/Schluchsee/Sehenswuerdigkeiten-Ausflugziele-in-Schluchsee>

**Hotel
Vier Jahreszeiten am Schluchsee
Am Riesenbühl
D-79859 Schluchsee**

Wednesday, 06 February 2019

10:00 – 10:30	Welcome Coffee
10:30 – 10:45	Opening/Introduction (Roger Schibli/Bernd Pichler)
10:45 – 11:00	Preparation of introduction round (interviews: WSIC – PSI pairings)
11:00 – 12:00	Mutual introduction of participants
12:00 – 13:30	Lunch
13:30 – 13:55	Senescence (Jonathan Cotton/Marcel Krüger): Development of PET-based tracers to detect in vivo senescence (Jonathan Cotton) Imaging of Senescence (Marcel Krüger)
13:55 – 14:15	Imaging immune cells at work and physiologically-based PET kinetic modelling of the liver at work (Stefanie Krämer)
14:15 – 14:30	Imaging of vascular and parenchymal A β plaques (Andreas Maurer)
14:30 – 14:50	Development of CNS Radioligands for non-invasive Imaging of Cannabinoid Subtype 2 Receptor and Monoacylglycerol Lipase (Linjing Mu)
14:50 – 15:10	Neuroimaging in Parkinson's disease (Kristina Herfert/Andreas Maurer)
15:10 – 15:40	Coffee/Tea Break
15:40 – 16:00	PET radioligands for the functional imaging of glutamate receptors (Simon Ametamey)
16:00 – 16:15	Imaging Fibrosis (Nicolas Bézière)
16:15 – 16:35	Radiolabelled peptides and proteins for targeted imaging and therapy (Martin Behe)
16:35 – 16:50	Imaging PARP expression (Andreas Maurer)
16:50 – 17:10	Development of efficient targeted radionuclide therapies by dissecting cancer signaling networks (Michal Grzmil)
17:10 – 17:15	<i>Short Break</i>
17:15 – 17:30	Immunoimaging – Tools and possibilities (Barbara Schörg)
17:30 – 17:50	Radionuclide development at PSI for nuclear medicine applications (Zeynep Talip)
17:50 – 18:05	The Application of DoE to Radiochemical Process Optimization (Gregory Bowden)

18:05 – 18:20	The development and Characterization of Novel reporter gene tracers for the HALO/CLIP/SNAP-Tag reporter genes (Gregory Bowden)
18:20 – 18:40	From Ligand Design Optimization towards the Development of new Radiotherapeutic Concepts (Cristina Müller)
18:40 – 19:00	Selection of other projects (PAD, TMP, HCQ, dCK) (Jonathan Cotton/Andreas Maurer)
19:00 – 21:00	Dinner
21:00 – 22:00	Get to know each other/informal exchange of ideas
22:00 – 23:30	Possibility to go to the “Karussellbar”

Thursday, 07 February 2019

7:00 – 8:30	Breakfast
8:30 – 9:00	Grant possibilities, e.g. DFG D-A-CH, ERC Synergy, etc. (Rebecca Rock, Martin Béhé)
9:00 – 9:30	Overview WSIC (Gerald Reischl/Bernd Pichler)
9:30 – 10:00	Overview PSI (Roger Schibli)
10:00 – 10:30	Coffee/Tea Break
10:30 – 12:00	Breakout Session 1
12:00 – 13:30	Lunch
13:30 – 15:00	Breakout Session 2
15:00 – 15:30	Coffee/Tea Break
15:30 – 17:00	Summary of Breakout Sessions (→Joint Grants/Projects)
17:00 – 17:30	Departure

Participants

Paul Scherrer Institut

Prof. Dr. Simon Ametamey

Dr. Martin Béhé

Dr. Hsin-Yu Fang

Dr. Jürgen Grünberg

Dr. Michal Grzmil

Prof. Dr. Stefanie Krämer

Dr. Linjing Mu

PD Dr. Cristina Müller

Prof. Dr. Roger Schibli

Dr. Zeynep Talip

Werner Siemens Imaging Center

Dr. Nicolas Bézière

Gregory Bowden

Dr. Jonathan Cotton

Dr. Kristina Herfert

Dr. Marcel Krüger

Dr. Andreas Maurer

Prof. Dr. Bernd Pichler

PD Dr. Gerald Reischl

Dr. Rebecca Rock

Barbara Schörg

Dominik Seyfried