



9th SWISS APOPTOSIS MEETING

Bern, September 8 – 9, 2016
Langhans Auditorium, Institute of Pathology
University of Bern

Final Program

Thursday, Sept. 8, 2016



Training Course: Concepts and Methods in Programmed Cell Death and Autophagy

Chairperson:	T. Kaufmann (Bern)
09h00 – 09h10	Welcome Address
09h10 – 09h40	Hans-Uwe Simon (Bern, CH): Autophagy in health and disease.
09h40 – 10h10	Philipp Jost (Munich, DE): Cell death and cancer.
10h10 – 10h40	Uris Ros Quincoces (Tübingen, DE): Quantifying protein-protein interactions and membrane activities.
10h40 – 11h10	Lynn Wong (Zurich, CH): RIPKs & IAPs in inflammation and necroptosis.
11h10 – 11h40	Dimitrios Anastasiou (London, UK): The metabolic basis of disease.
11h40 – 11h50	Concluding Remarks
	Sandwich lunch (Foyer)

Thursday, Sept. 8, 2016 (cont.):

10h00 – 12h45 *Registration and poster mounting*

12h45 – 13h00 Welcome address (T. Brunner/ M. Tschan/ T. Kaufmann)

Session I: Apoptosis Pathways

Chairperson: Hans-Uwe Simon (Bern)

13h00 – 13h30: **Markus Rehm** (Stuttgart, DE): The apoptosis execution network and chemotherapy responsiveness – avenues for systems medicine applications.

13h30 – 14h00: **Verena Labi** (Innsbruck, AT): Testing Bim as a functional target of miR-17-92.

14h00 – 14h15: **Christian Widmann** (Lausanne, CH): Cellular homeostasis controlled by the caspase-3/RasGAP stress-sensing module.

14h15 – 15h00 *Short presentations I:*

14h15 – 14h30 **Denis Martinvalet** (Geneva, CH): Granzyme B enters mitochondria in a Sam50, Tim22 and mtHsp70-dependent manner to induce apoptosis.

14h30 – 14h45 **Fabronia Murad** (Tübingen, DE): Investigation of the role of the Bcl-xL-phosphorylation on the binding to cBid and its influence on the control of apoptosis.

14h45 – 15h00 **Valentina Sladky** (Innsbruck, AT): Dissecting the role of caspase-2 in “mitotic catastrophe”.

15h00 – 15h30 Coffee Break

Session II: “Translational/Clinical Session”

Chairperson: Thomas Brunner (Konstanz)

15h30 – 16h00: **Beat Bornhauser** (Zurich, CH): Exploiting necroptosis for cancer therapy.

16h00 – 16h30: **Philipp Jost** (Munich, DE): Evasion of cell death in lung cancer development.

16h30 – 17h00: **John Seymour** (Melbourne, AU): On the efficacy of ABT-199 in high risk CLL.

Institute of Pathology Lecture (Introduction by A. Perren):

17h00 – 17h45: **Andrew Thorburn** (Denver, US): Autophagy regulation of necroptosis in cancer therapy.

17h45 – 19h30 **Poster Session and Apéro.**

Friday, Sept. 9, 2016

Session III: Cell Death/Autophagy Pathways

Chairperson: Christian Münz (Zurich)

08h30 – 09h00 **Gerry Melino** (Rome, IT): The p53 family in cancer biology.

09h00 – 09h30 **Kevin Ryan** (Glasgow, UK): Autophagy in cell death and cancer.

09h30 – 10h00 *Short presentations II:*

09h30 – 09h45 **Beatrice D’Orsi** (Dublin, IE): Bok is not pro-apoptotic but suppresses PARP-dependent cell death pathways and protects against excitotoxic and seizure-induced neuronal injury.

09h45 – 10h00 **Tatiana Rabachini** (Bern, CH): Bok deficient mice are protected from hepatocarcinogenesis.

10h00 – 10h45 Coffee Break

Chairperson: Ullrich Maurer (Freiburg, DE)

10h45 – 11h15 **Christian Münz** (Zürich, CH): Autophagy proteins in exo- and endocytosis.

11h15 – 11h45 **Dimitrios Anastasiou** (London, UK): Metabolic regulation in cancer.

11h45 – 12h00 **Mario Tschan** (Bern, CH): Non-canonical autophagy in retinoic acid therapy?

12h00 – 12h45 *Short presentations III:*

12h00 – 12h15 **Tabea Wiedmer** (Bern, CH): Autophagy and lysosomes: promising new targets in pancreatic neuroendocrine tumor treatment.

12h15 – 12h30 **Jörn Dengjel** (Fribourg, CH): Respiratory status determines the effect of emodin on cell viability.

12h30 – 12h45 **Ian Gentle** (Freiburg, DE): Inhibitor of Apoptosis Proteins (IAPs) promote lysosomal-autophagosomal fusion.

12h45 – 14h00 Lunch Break

Session IV: Cell Death and Autophagy in Immunity

Chairperson: Lynn Wong (Zurich)

14h00 – 14h30 **Thomas Brunner** (Konstanz, DE): cIAP1 as a key arbiter in the TNF-induced intestinal epithelial damage.

14h30 – 15h00 **Christoph Becker** (Erlangen, DE): Cell death pathways driving inflammation in the liver and gut.

15h00 – 15h45 *Short presentations IV:*

15h00 – 15h15 **Ludmila Alves** (Bern, CH): A novel, non-apoptotic function for *Trail* in controlling NK cell activation.

15h15 – 15h30 **Kay Hänggi** (Zurich, CH): RIPK3 promotes vascular permeability via VEGF/p38 axis to allow tumor cell extravasation independent of its necroptotic function.

15h30 – 15h45 **Lisa Schlicher** (Freiburg, DE): SPATA2 promotes CYLD activity and regulates TNF-induced NF- κ B signaling and cell death.

15h45 – 16h15 **Seamus Martin** (Dublin, IE): Caspase-8 plays a protease-independent scaffold role in TRAIL-induced inflammation.

16h15 Poster Prizes

Concluding Remarks (T. Brunner/M. Tschan/ T. Kaufmann)

16h30 End of Meeting

We thank our Sponsors! The 9th Swiss Apoptosis Meeting is supported by:

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