

## RIA - Immunology Lunch Meetings

| Dates 2018  | Topic   | Speaker  | Location at 12.15 pm  |
|-------------|---|--|---|
| 10 January  | Restoring adipose tissue homeostasis improves physical and immunological fitness in old age                               | Dr. Daniel Brigger, Immunology RIA, University of Bern                         | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 17 January  | Making transgenic mouse models in the era of genome engineering   | Dr. Pawel Pelczar, Center for Transgenic Models, University of Basel           | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 24 January  | The Microscopy Imaging Center at the University of Bern - your primary contact for support in state-of-the-art microscopy | Dr. Yury Belyaev, Institute of Anatomy, University of Bern                     | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 7 February  | The complement system in health and disease   | Előd Körtvély, PhD<br>F. Hoffmann-La Roche Ltd, Basel                          | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 14 February | T lymphocyte differentiation, migration and immune regulation   | Prof. Dr. Federica Sallusto, Institute for Research in Biomedicine, Bellinzona | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 21 February | Aluminium as adjuvants: on the mode of action   | Prof. Dr. Martin Bachmann, Immunology RIA, University of Bern                  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 7 March     | Vaccination against peanut allergy  | Federico Storni, PhD student, Immunology, RIA, University of Bern              | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |

|          |   |   |  |
|----------|---|---|--|
| 14 March | The mechanism of eosinophil cytotoxicity  | Prof. Dr. Hans-Uwe Simon, Faculty of Medicine, University of Bern                                       | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern  |
| 21 March | Mesenteric lymph node stromal cells interplay define the B cell follicle formation and function during helminth infection | Dr. Lalit Kumar Dubey, Department of Biochemistry, Luther Lab University of Lausanne                    | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern  |
| 28 March | In vivo imaging of immune responses to pathogens and tumors   | Dr. Matteo Iannacone, San Raffaele Institute, Mailand   | Frauenklinik<br>Mehrzweckraum D 103<br>Inselspital,<br>Effingerstrasse 102,<br>3010 Bern |
| 4 April  | Immunization of cats to induce neutralizing antibodies against Fel d 1, the major feline allergen in humans               | Dr. Franziska Thoms, Hypopet AG/University of Zürich, Zürich  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern  |
| 11 April | Role of Sox10-derived cells during cardiac regeneration   | Marcos Sande, PhD student, Institute of Anatomy, University of Bern                                     | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern  |
| 18 April | Type-2 immune responses in allergic inflammation and beyond   | Dr. phil. nat. Mario Noti, Institute of Pathology Division of Experimental Pathology University of Bern | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern  |
| 2 May    | Giant Cell Arteritis: IL-6 from Bench to Bedside  | Prof. Dr. med. Peter M. Villiger, RIA, University of Bern   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern  |

|              |  |  |   |
|--------------|--|--|---|
| 9 May        | immune control of cancer stem cells  | PD Dr.sc.nat. Carsten Riether, Tumor-Immunology, University of Bern                                | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 16 May       | IAPP and Islet Amyloidosis - Physiology and Pathology                        | Dr. Daniel Zeman-Meier, Department of Biomedicine, Diabetes Research, University Hospital of Basel | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 23 May       | Genetic Factors contributing to Asthma and other Allergies                   | Prof. Dr. Beat Trueb, RIA, University of Bern  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 6 June       | IL-1 $\beta$ mediated diseases and VLP-based vaccine development             | David Müller, Immunology, RIA, University of Bern  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 13 June      | On the role of IgE-immune complexes in allergen desensitization              | Paul Engeroff, PhD student, Immunology, RIA, University of Bern                                    | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 20 June      | Subgroups of chronic spontaneous urticaria and clinical impact               | Dr. med. Lukas Jörg Allergology, RIA   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 4 July       | Influence of bacterial RNA on memory generation against virus-like particles | Caroline Krüger, PhD student, Immunology RIA, University of Bern                                   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| Summer Break |  |  |   |

|              |   |   |   |
|--------------|---|---|---|
| 22 August    | Role of IL-2 Signals in Programming T Cell Fates and Role of PD-1 in Maintenance of T cell Memory | Dr. Vandana Kalia and Dr. Surojit Sarkar<br>Seattle Children's Ben Towne Center for Cancer Research, Seattle, USA | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 29 August    | Origin and dynamics of tissue resident-macrophages  | Assoc Prof. Christiane Ruedl, School of Biological Sciences, Singapore  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 5 September  | Iron nanoparticles: an interplay between cellular uptake and immune response                      | Dr. Tasneem Arsiwala, Immunology, RIA, University of Bern   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 12 September | Infection and immune control of human oncogenic g-herpesviruses in vivo                           | Prof. Dr. Christian Münz, Institute of Experimental Immunology, University of Zürich                              | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 19 September | Size matters: a comparison of "round" and "rod" shaped CCMV VLPs                                  | Cyrill Lipp, Masterstudent, Immunology, RIA, University of Bern   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 3 October    | Mitochondrial DNA traps as antibacterial defense mechanism  | Prof. Dr. Shida Yousefi, Institute of Pharmacology, University of Bern  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 10 October   | A functional cell-based assay as novel opportunity in allergy diagnostics                         | Noemi Zbären, Wiss. Assistentin, Immunology, RIA, University of Bern  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |

|             |   |   |   |
|-------------|---|---|---|
| 17 October  |   | does not take place   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 24 October  | Understanding the unwanted antibody response to therapeutic antibodies  | Juliana Bessa, F. Hoffmann-La Roche Ltd, Roche Innovation Center Basel  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 7 November  | Role of IgG subclass in engaging the inhibitory FcγRIIb receptor  | Prof. Dr. Martin Bachmann, Immunology, RIA, University of Bern  | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 14 November | Establishment of a humanized allergic lung inflammation mouse model   | Pascal Gasser, PhD student, Immunology, RIA, University of Bern   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 21 November | Interactions of nanoparticles with the pulmonary immune system: Risks from environmental exposure and opportunities for biomedical applications | PD Dr. phil. Fabian Blank, DBMR, University of Bern   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 5 December  | Immunopeptidomics – antigen discovery for cancer immunotherapy  | Dr. Michal Bassani, Ludwig Institute for Cancer Research, Center of experimental therapeutics, Department of oncology UNIL CHUV, Lausanne | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| 12 December |   | Prof. Dr. phil. nat Mirjam Schenk, Institute of Pathology, University of Bern   | Microscopy seminar room H431<br>Institute of Pathology<br>Murtenstrasse 31              |

|                   |  |                     | 3010 Bern  |
|-------------------|--|---------------------|--|
| 19 December       |  | does not take place | Microscopy seminar<br>room H431<br>Institute of Pathology<br>Murtenstrasse 31<br>3010 Bern |
| New Year<br>Break |  |                     |  |