

5th Bench and Bed Immunology 2018

Systemic Lupus (SLE)

April, 19th-20th

Strasbourg

PROGRAMME

SPEAKERS / CHAIRS:

Prof. Dr. KORGANOW, Anne-Sophie, Strasbourg

Prof. Dr. VOLL, Reinhard, Freiburg

Prof. Dr. ARNAUD, Laurent

Prof. Dr. BLANCO, Patrick

Dr. CHEVALIER, Nina

Dr. GROS, Frédéric

Dr. JUNG, Sophie

Prof. Dr. LORENZ, Hannes

Prof. Dr. MARTIN, Thierry

Dr. MARX, David

Dr. MONNEAUX, Fanny

PD Dr. NIETERS, Alexandra

Dr. RIZZI, Marta

Prof. Dr. SCHWARTING, Andreas

Prof. Dr. SOULAS-SPRAUEL, Pauline

Dr. SEHNERT, Bettina

PD Dr. THIEL, Jens

Dr. TRIANTAFYLLOPOULOU, Antigoni

PD Dr. VENHOFF, Nils

Location: University of Strasbourg, Faculty of Dentistry

❖ First day April 19th, morning

9:30-9:45 - Welcome and Coffee

9:45-10:00 - Introduction *Reinhard Voll, Freiburg; Anne-Sophie Korganow, Strasbourg*

10:00-10:30 - SLE, classification - diagnosis *Hannes Lorenz, Heidelberg*

10:30-11:10 - SLE pathogenesis *Reinhard Voll, Freiburg*

11:10-11:30 - **Coffee Break**

11:30-12:00 - SLE epidemiology *Laurent Arnaud, Strasbourg*

12:00-12:20 - Kidney and SLE, new insights *David Marx-Thomas El Jammal, Strasbourg*

12:30-14:00 - **Lunch**

❖ First day April 19th, afternoon

14:00-15:00 - **Workshop** Translational research in SLE/ Kidney, Skin

Sophie Jung, Strasbourg

12 minutes for each talk (including questions)

- *Maté Krauscz, Freiburg* ADA2 is a new member of nucleic acid sensors
- *Mykolas Bendorius, Strasbourg* Neuropsychiatric lupus: autophagy and inflammation
- *Aurore Meyer, Strasbourg* Neutrophils and SLE
- *Delphine Bouis, Strasbourg* Targeting IFN pathway in SLE
- *Natalie Frede, Freiburg* JAK inhibitors in SLE: from mouse models to clinical trials

15:00-15:15 - **Break**

15:15-16:15 - **Workshop** Experimental models of SLE

Bettina Sehnert & Jens Thiel, Freiburg

12 minutes for each talk (including questions)

- *Lucie Aubergeon, Strasbourg* A novel human SLE model in humanized mice
- *Alexandra Eichhorst, Freiburg* Influence of dietary fiber and short fatty-acids on SLE pathogens in 2 different SLE models

- *Romain Veber, Strasbourg* Lymphoid neogenesis in kidneys during lupus: involvement of CXCR3 expressing T cells
- *Quentin Reuschlé, Strasbourg* ERN1 and autoimmunity
- *Sophia Lecomte, Strasbourg* Characterization of the LN stromal compartment in BW mice

16:15-16:45 - **Coffee Break**

16:45-17:15 - Epigenetics in SLE *Alexandra Nieters, Freiburg*

17:15-17:45 - Predictors of fatigue and severe fatigue in a large multicenter and international cohort of patients with systemic lupus erythematosus: the FATILUP study (1st completed LBBR study) *Thierry Martin, Strasbourg*

17:45-18:15 - Targeted Therapy in SLE *Andreas Schwarting, Mainz*

18:15-19:30 - Project discussion

19:45 - **Dinner**

❖ Second day April 20th, morning

9:00-9:30 - SLE genetics *Pauline Soulas Sprauel, Strasbourg*

9:30-10:00 - B cells and SLE *Anne-Sophie Korganow, Strasbourg*

10:00-10:30 - T cells and SLE *Fanny Monneaux, Strasbourg*

10:30-10:50 - **Coffee break**

10:50-11:20 - Monogenetic models of autoimmunity: Autoimmune
lymphoproliferative syndrome *Marta Rizzi, Freiburg*

11:20-12:00 - Dendritic cells in SLE *Patrick Blanco, Bordeaux*

12:00-12:30 - Innate immune cells in the pathogenesis of SLE
Antigoni Triantafyllopoulou, Berlin/Freiburg

12:30-14:00 - **Lunch**

❖ Second day April 20th, afternoon

14:00-15:00 - **Workshop** Autoantibodies-B cells in SLE *Nils Venhoff, Freiburg*

12 minutes for each talk (including questions)

- *Raquel Lorenzetti, Freiburg* CTLA4 Ig treatment induces modulation of B cell function and differentiation
- *Yannick Dieudonné, Strasbourg* Impaired TLR9 responses in B cells from patients with SLE
- *Mélanie Sieder* B cell-derived IL-6 initiates spontaneous germinal center formation during systemic autoimmunity
- *Erika Palacios, Strasbourg* Lupus light project.
- *Sonia Heistand, Freiburg* SLE and Rituximab

15:00-15:15 - **Break**

15:15-16:15 - **Workshop** T cells in SLE *Nina Chevalier, Freiburg*

12 minutes for each talk (including questions)

- *Philippe Mertz, Strasbourg* T cell lymphopenia and SLE
- *Arianna Troilo, Freiburg* Th17 and Th1 cells in SLE
- *Adam Klopperk, Freiburg* A novel NOD2/IFN γ R2 mutation presenting with infection and autoinflammation
- *Cerise Guillochon-Petitcuenot, Strasbourg* The role of dietary sodium intake on the modulation of Th17 and Tregs

16:15 - 16:45 - **Coffee Break**

16:45-17:15 - Life and death in SLE *Frédéric Gros, Strasbourg*

17:15-18:30 - Discussion around coffee *Thierry Martin and Reinhard Voll*

18:30 - **End of BBI**

List of participants:

Pr Blanco Patrick, Bordeaux	Eichhorst Desiree, Freiburg	Dr Poindron Vincent, Strasbourg
Pr Lorentz Hannes, Heidelberg	Hiestand Sonia, Freiburg	Dr Gavand PE, Strasbourg
Dr Rizzi Marta, Freiburg	Sieder Melanie, Freiburg	Dr Kuhnert Cornelia, Strasbourg
Pr Voll Reinhard, Freiburg	Saurin Sabrina, Mainz	Dr Meyer Aurore, Strasbourg
Pr Peter Hans Hartmut, Freiburg	Henning Domres Pascale, Mainz	Sr Muller Sylviane, Strasbourg
PD Dr Nieters Alexandra, Freiburg	Meineck Myriam, Mainz	Bouis Delphine, Strasbourg
Dr Triantafyllopoulou Antigoni, Berlin	Gruen Linda-Maria	Aubergeon Lucie, Strasbourg
Dr Chevalier Nina, Freiburg	Kramps Laura, Freiburg	Veber Romain, Strasbourg
Dr Thiel Jens, Freiburg	Pr Arnaud Laurent, Strasbourg	Lecomte Sophia, Strasbourg
Dr Nils Venhoff, Freiburg	Dr Gros Frédéric, Strasbourg	Reuschlé Quentin, Strasbourg
Troilo Arianna, Freiburg	Dr Jung Sophie, Strasbourg	Dieudonne Yannick, Strasbourg
Klocperk Adam, Freiburg	Pr Martin Thierry, Strasbourg	Palacios Erika, Strasbourg
Lorenzetti Raquel, Freiburg	Dr Marx David, Strasbourg	Mertz Philippe, Strasbourg
Frede Nathalie, Freiburg	Dr Monneaux Fanny, Strasbourg	Guillochon Cerise, Strasbourg
Krausz Mate, Freiburg	Pr Soulas-Sprauel Pauline, Strasbourg	El Jammal Thomas, Strasbourg
Wicklie Nathalie, Freiburg	Dr Guffroy Aurélien, Strasbourg	Dr Bazin Dorothée, Strasbourg
		Herber Delphine, Strasbourg