



FEBS  
Workshop

IMMUNOLOGY  
METABOLISM  
AGEING

**Monday, September 8, 2025**

**PRELIMINARY PROGRAM**

8 am – 8:45 am: *Registration*

8:45 am – 9 am: Welcome Addresses

9 am – 10:45 am:

**Session 1: "Mitochondria and Aging"**

**(Session Convener: Pidder JANSEN-DÜRR)**

9 am – 9:30 am: Aleksandra TRIFUNOVIC, CECAD Research Center, Cologne, Germany: *Mitochondrial stress responses in disease and ageing*

9:30 am – 10 am: Nuria MARTINEZ-MARTIN, CBMSO-CSIC, Madrid, Spain: *Defective mitochondria function in B cells as a trigger of an aged immune response*

10 am – 10:15 am: Short Talk # 1 selected from abstracts

10:15 am – 10:30 am: Short Talk # 2 selected from abstracts

10:30 am – 10:45 am: Short Talk # 3 selected from abstracts

10:45 am – 11:15 am: *Coffee break*

11:15 am – 12:30 pm: **Interactive Session 1 (Session Convener: TBA)**

11:15 am – 11:35 am: **FEBS presentation (MIC)**

11:35 am – 12:30 pm: **Meet the Editors (with presentation of a FEBS Press Editor?)**

12:30 pm – 1:30 pm: *Lunch*

1:30 pm – 3 pm:

**Session 2: "Senolytics"**

**(Session Convener: TBA)**

1.30 pm – 2 pm: Johannes GRILLARI, Ludwig Boltzmann Institute for Traumatology, Vienna, Austria: *Senolytics in aging and regeneration*

2 pm – 2:30 pm: Makoto NAKANISHI, University of Tokyo, Japan:  
*Targeting senescent cells to ameliorate age-related diseases*

2:30 pm – 2:45 pm: Short Talk # 4 selected from abstracts

2:45 pm – 3 pm: Short Talk # 5 selected from abstracts

3 pm – 3:30 pm: *Coffee break*

3:30 pm – 5:15 pm: **Session 3: “Inflammation and Immune Responses in Metabolic Disease” (Session Convener: TBA)**

3:30 pm – 4 pm: Daniel WINER, Buck Institute for Research on Aging, Novato, CA, USA: *The intestinal immune system in obesity-related insulin resistance*

4 pm – 4:30 pm: Carolin DANIEL, Helmholtz Diabetes Center, Munich, Germany:  
*Treg-based immune metabolic crosstalk in diabetes*

4:30 pm – 4:45 pm: Short Talk # 6 selected from abstracts

4:45 pm – 5 pm: Short Talk # 7 selected from abstracts

5 pm – 5:15 pm: Short Talk # 8 selected from abstracts

6 pm – 9 pm: *Dinner*

## Tuesday, September 9, 2025

8 am – 9 am: **Breakfast with an expert**

9 am – 11:15 am: **Session 4: “The Role of Extracellular Vesicles in Aging and Senescence” (Session Convener: TBA)**

9 am – 9:30 am: Jerome LAMARTINE, University of Lyon, France:

*Impact of chronological aging on communications mediated by EVs in skin: Focus on the fibroblast-keratinocyte crosstalk*

9:30 am – 10 am: Myriam GOROSPE, National Institute on Aging, Baltimore, MD, USA: *Insights into cell senescence from RNA biology*

10 am – 10:30 am: Thomas BROCKER, LMU Munich, Germany:  
*Interactions of extracellular vesicles with immune cells*

10:30 am – 10:45 am: Short Talk # 9 selected from abstracts

10:45 am – 11 am: Short Talk # 10 selected from abstracts

11 am – 11:15 am: Short Talk # 11 selected from abstracts

11:15 am – 4 pm: *Free time for hiking, etc.*

4 pm – 5:30 pm: **Session 5: “B Cell Aging and Metabolism”**

**(Session Convener: TBA)**

4 pm – 4:30 pm: Michelle LINTERMAN, Malaghan Institute, Wellington, New Zealand: *Ageing and the response to vaccination*

4:30 pm – 5 pm: Ranjan SEN, National Institute on Aging, Baltimore, MD, USA: *Epigenetic regulation B cell development during aging*

5 pm – 5:15 pm: Short Talk # 12 selected from abstracts

5:15 pm – 5:30 pm: Short Talk # 13 selected from abstracts

5:30 pm – 7 pm: **Poster Session 1 (with drinks)**

7:15 pm – 9 pm: *Dinner*

## Wednesday, September 10, 2025:

8 am – 9 am: **Breakfast with an expert**

9 am – 10:45 am: **Session 6: “T cell Aging and Metabolism”**

**(Session Convener: Birgit WEINBERGER)**

9 am – 9:30 am: Enrique GABANDÉ-RODRIGUEZ, CBMO-CSIC, Madrid, Spain: *CD4<sup>+</sup> cytotoxic T cells compromise healthy aging by inducing myelopoiesis*

9:30 am – 10 am: Ilaria ELIA, KU Leuven, Belgium: *The metabolic cross-talk between T cells and cancer cells in the tumor microenvironment*

10 am – 10:15 am: Short Talk # 14 selected from abstracts

10:15 am – 10:30 am: Short Talk # 15 selected from abstracts

10:30 am – 10:45 am: Short Talk # 16 selected from abstracts

10:45 am – 12:15 pm: **Poster Session 2 (with coffee)**

12:15 pm – 1:15 pm: *Lunch*

1:15 pm – 2:45 pm: **Interactive Session 2 (Session Convener: TBA)**  
**Equal Opportunities in Science**

2:45 pm – 3:15 pm: *Coffee break*

3:15 pm – 5:15 pm: **Session 7: “Inflammation, Autophagy and Cell Death”**  
**(Session Convener: Verena LABI)**

3:15 pm – 3:45 pm: Katja SIMON, Max Delbrück Center, Berlin, Germany:  
*Autophagy’s role in the aging of the immune system*

3:45 pm – 4:15 pm: Manolis PASPARAKIS, CECAD Research Center, Cologne,  
Germany: *Regulation of necroptosis and its role in inflammation*

4:15 pm – 4:45 pm: Christina CAMELL, University of Minnesota, Minneapolis, MN,  
USA: *Adipose tissue leukocytes and impaired metabolism during aging*

4:45 pm – 5 pm: Short Talk # 17 selected from abstracts

5 pm – 5:15 pm: Short Talk # 18 selected from abstracts

5:15 pm – 6:45 pm: **Interactive Session 3 (Session Convener: TBA)**  
**Hot topics: pro & contra** (Discussion and drinks)

7 pm – 9 pm: *Dinner*

## Thursday, September 11, 2025

8 am – 9 am: **Breakfast with an expert**

9 am – 10:30 am: **Interactive Session 4: Workshop  
Entrepreneurship (Klaus WEINBERGER)**

10:30 am – 11 am: **Poster Prizes**

11 am – 11:30 am: *Coffee break*

11:30 am – 1:15 pm: **Session 8: “Inflammaging in the Nervous System”  
(Session Convener: TBA)**

11:30 am – 12 noon: Stefano PLUCHINO, University of Cambridge, UK:  
*Mitochondrial regulation of microglia function in MS-like disease*

12 noon – 12:30 pm: Elvira MASS, University of Bonn, Germany:  
*Developmental programming of tissue-resident macrophages*

12.30 pm – 12:45 pm: Short Talk # 19 selected from abstracts

12:45 pm – 1 pm: Short Talk # 20 selected from abstracts

1 pm – 1:15 pm: Short Talk # 21 selected from abstracts

1:15 pm: *Farewell*