



Neutrophil 2024

München, September 17-19

Scientific Program

Biomedical Center, Munich HighTech Campus

September 17

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|------------------|--|
| 12.00-1.30 | Registration and light bites |
| 1.30 | Welcome address
Oliver Soehnlein, Patrick McDonald |
| 1.35-3.35 | Session 1: Neutrophil birth |
| 1.35-1.55 | Daniel Lucas, Cincinnati, US
<i>Myeloid cell production sites in the bone marrow</i> |
| 2.05-2.15 | Abstract talk |
| 2.20-2.30 | Abstract talk |
| 2.35-2.45 | Abstract talk |
| 2.50-3.00 | Abstract talk |
| 3.05-3.25 | Christoph Klein, Munich, Germany
<i>Monogenic defects of neutrophil granulocytes - the "human model"</i> |
| 3.35-4.15 | Coffee break |
| 4.15-6.15 | Session 2: Neutrophil niches |
| 4.15-4.35 | Carlos Silvestre-Roig, Münster, Germany
<i>Neutrophil Heterogeneity as a Consequence of Niche Specificity</i> |
| 4.45-4.55 | Abstract talk |
| 5.00-5.10 | Abstract talk |
| 5.15-5.25 | Abstract talk |
| 5.30-5.40 | Abstract talk |
| 5.45-6.05 | Niki Moutsopoulos, Bethesda, USA
<i>Neutrophils as sentinel cells in mucosal tissues</i> |
| 6.15-7.00 | Refreshments |
| 7.00-8.00 | Keynote, Andres Hidalgo, Yale, US
<i>2024, State of the Neutrophil</i> |
| From 8.00 | Welcome reception & Jazz |



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September 18

9.00-11.00 Session 3: Neutrophils in inflammation

9.00-9.20 Matthias Gunzer, Essen, Germany

The impact of neutrophils on adaptive immunity in sterile inflammation

9.30-9.40 Abstract talk

9.45-9.55 Abstract talk

10.00-10.10 Abstract talk

10.15-10.25 Abstract talk

10.30-10.50 Sussan Nourshargh, London, UK

Dysregulated neutrophil-venular wall dynamics and its pathogenic consequences

11.00-11.45 **Coffee break**

11.45-12.45 Session 4: Fresh ideas from other fields

11.45-12.05 Ali Ertürk, Munich, Germany

AI-based imaging methods for the next-generation biomedical solutions

12.05-12.25 Hans Reimer Rodewald, Heidelberg, Germany

Deconvolution of stem cell fates and immune lineage development by Polylox barcoding

12.45-2.15 **Lunch**

2.15-3.15 Session 4 continued: Fresh ideas from other fields

2.15-2.35 Filip Swirski, New York, US

Brain-body communication in cardiovascular health and disease

2.45-3.05 Kathrin Andreasson, Stanford, US

Immune-metabolic mechanisms of cognitive decline in aging

3.15-4.00 **Coffee break**

4.00-6.00 Session 5: Neutrophils in cancer

4.00-4.20 Karin de Visser, Amsterdam, NL

Dissecting how breast tumors hijack myelopoiesis to promote metastasis

4.30-4.40 Abstract talk

4.45-4.55 Abstract talk

5.00-5.10 Abstract talk

5.15-5.25 Abstract talk

5.30-5.50 Mikala Egeblad, CSHL, US

The dark web of cancer: metastasis orchestration by neutrophil extracellular traps

6.00-9.00 Poster Dinner + Group Photo + Fun Photos



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September 19

9.00-11.00

Session 6: Neutrophils in infection

9.00-9.20

Paul Kubes, Calgary, Canada

Where neutrophils live and die

9.30-9.40

Abstract talk

9.45-9.55

Abstract talk

10.00-10.10

Abstract talk

10.15-10.25

Abstract talk

10.30-10.50

Maziar Divangahi, Montreal, Canada

Deconstructing neutrophil functions

11.00-11.45

Coffee break

11.45-12.30

Session 7: Immune training

11.45-12.05

Triant Chavakis, Dresden, Germany

Granulopoiesis in trained immunity

12.15-12.25

Abstract talk

12.30-12.40

Abstract talk

12.45-2.15

Lunch

2.15-3.00

Session 7 continued: Immune training

2.15-2.25

Abstract talk

2.30-2.50

Willem Mulder, Nijmegen, NL

Targeting Innate Immunity to Treat Atherosclerosis

3.00-5.00

Session 8: Neutrophils meet their end

3.00-3.20

Venizelos Papayannopoulos, London, UK

Neutrophil ageing; Good or bad?

3.30-3.40

Abstract talk

3.45-3.55

Abstract talk

4.00-4.10

Abstract talk

4.15-4.25

Abstract talk

4.30-4.50

Christina L. Stallings, St. Louis, US

Type I IFN and neutrophil cell death pathways

5.00

Award Session and farewell

8.00

Conference dinner

Ratskeller, City Hall vaults



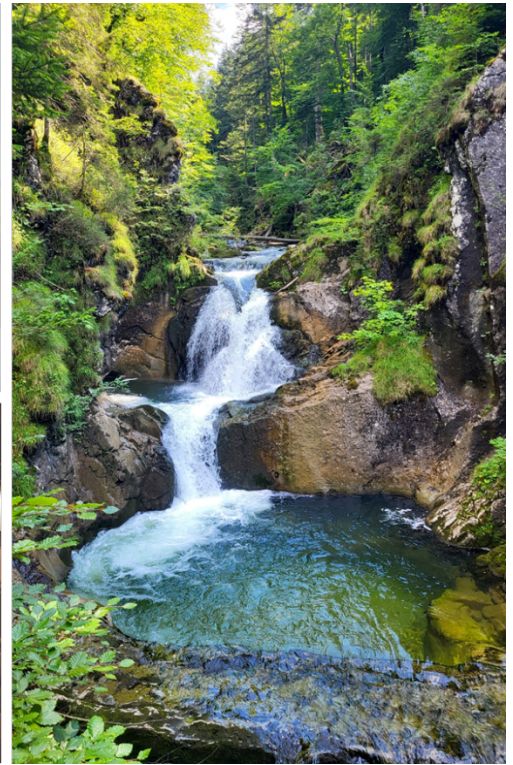
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September 20 Social Event: Hike Wallberg at Tegernsee & Visit the SLYRS Distillery



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September 21 Beginning of Oktoberfest 2024 (not part of conference program, but still good to know)



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