



Neutrophil 2026

San Diego, September 21-23

Scientific Program

Hazen Auditorium, The Scripps Research Institute, La Jolla

DAY 1 | Monday, September 21

11:00-12:45 **Badge Pick Up**

12:45-12:50 Welcome Address from the Neutrophil Meetings Steering Committee
Patrick P. McDonald, Université de Sherbrooke (Sherbrooke, Canada)

12:50-1:00 Welcome Address from the 2026 Meeting Chair
Sergio D. Catz, The Scripps Research Institute (La Jolla, USA)

1:00-2:00 **Session 1: Neutrophil Subsets**

Chairs: Sergio D. Catz and Ben Croker

1:00-1:30 Lai Guan Ng, Shanghai Jiao Tong University (Shanghai, China)
Neutrophils: One Cell, Many Faces

1:30-2:00 Lynn Hedrick, Augusta University (Augusta, USA)
Neutrophil Heterogeneity and Cell Communication in Atherosclerosis

2:00-3:00 **Session 2: Neutrophils in Cancer**

Chairs: Sergio D. Catz and Ben Croker

2:00-2:30 Yanfang "Peipei" Zhu, Augusta University (Atlanta, USA)
The Neutrophil Lineage in Oral Squamous Cell Carcinoma: via Time and Space

2:30-3:00 Tanya Mayadas, University of Rochester Medical Center (Rochester, USA)
Harnessing neutrophil antigen presentation for the treatment of cancer

3:00-3:30 **Coffee Break**

3:30-4:30 **Session 3: Neutrophil-Pathogen Interactions**

Chairs: TBD

3:30-4:00 Alison Criss, University of Virginia (Charlottesville, USA)
*Manipulation of neutrophil functionality by *Neisseria gonorrhoeae**

4:00-4:30 Emily Rosowski, Clemson University (Clemson, USA)
*Revealing redundant neutrophil effector functions against *Aspergillus hyphae* in larval zebrafish*

4:30-5:30 **Session 4: Keynote Address**

4:30-4:35 *Intro by Sergio D. Catz*

4:35-5:30 Ken McLeish, University of Louisville (Louisville, USA)
My journey from clinical medicine to neutrophil biology

5:30 **Reception**



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DAY 2 | Tuesday, September 22

8:30-10:30 Session 5: Neutrophils in Inflammation and infection

Chairs: TBD

8:30-9:00 Nicolas Demaurex, University of Geneva (Geneva, Switzerland)

Regulation of neutrophil phagocytosis by store-operated and mechanosensitive channels

9:00-9:30 Sofia De Oliveira, Albert Einstein College of Medicine (Bronx, USA)

Neutrophils Outside the Box: Rethinking Inflammation in Complex Disease States

9:30-10:00 Borko Amulic, University of Bristol (Bristol, England)

Fine tuning the neutrophil response in infections

10:00-10:30 Véronique Witko-Sarsat, Inserm (Paris, France)

Cytosolic Proliferating Cell Nuclear Antigen (PCNA): A central signaling scaffold orchestrating neutrophil plasticity in inflammation

10:30-11:00 [Coffee Break](#)

11:00-11:40 Trainee Session 1 *Chairs: TBD*

11:00-11:10 Selected student/postdoc from abstracts (7' + 3' Q&A)

Abstract 1 Title TBD

11:10-11:20 Selected student/postdoc from abstracts (7' + 3' Q&A)

Abstract 2 Title TBD

11:20-11:30 Selected student/postdoc from abstracts (7' + 3' Q&A)

Abstract 3 Title TBD

11:30-11:40 Selected student/postdoc from abstracts (7' + 3' Q&A)

Abstract 4 Title TBD

11:40-12:00 Selected young PI from abstracts (15' + 5' Q&A)

Abstract 5 Title TBD

12:00-2:00 [Lunch & Poster Viewing](#)

2:00-2:20 Selected young PI from abstracts (15' + 5' Q&A)

Abstract 6 Title TBD

2:20-4:30 Session 6: Neutrophil Activation and Maturation

Chairs: TBD

2:20-2:50 Anna Huttenlocher, University of Wisconsin (Madison, USA)

Myeloid derived growth factor: regulation of neutrophil activation and motility

2:50-3:20 Oliver Soehnlein, University of Münster (Münster, Germany)

Novel concepts of neutrophil maturation – a matter of location

3:20-3:30 Selected talk from abstracts (7' + 3' Q&A)

Abstract 7 Title TBD

3:30-3:40 Selected talk from abstracts (7' + 3' Q&A)

Abstract 8 Title TBD

3:40-4:10 [Coffee Break](#)

4:10-4:20 Selected talk from abstracts (7' + 3' Q&A)

Abstract 9 Title TBD

4:20-4:30 Selected talk from abstracts (7' + 3' Q&A)

Abstract 10 Title TBD



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DAY 2 | Tuesday, September 22

4:30-5:30 **Session 7: Neutrophils in Immunity and Development**

Chairs: TBD

4:30-5:00 Stephania Libreros, Yale University (New Haven, Connecticut)

Anatomy of Granulopoiesis

5:00-5:30 Marco Cassatella, University of Verona (Verona, Italy)

New insights into the human neutrophil-committed progenitors



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DAY 3 | Wednesday, September 23

8:30-9:30 Session 8: Neutrophil Inflammasome and Cell Death

Chairs: Ben Croker, UCSD and TBD

8:30-9:00 Hongbo Luo, Boston Children's Hospital (Boston, USA)
Beyond Death: Neutrophil Fate and Lasting Immune Modulation

9:00-9:30 Hal Hoffman, University of California San Diego (La Jolla, USA)
Cooperation of Gasdermins in Neutrophils in NLRP3-Mediated Disease

Trainee Session 2

Chairs: Ben Croker, UCSD and TBD

9:30-9:40 Selected student/postdoc from abstracts (7' + 3' Q&A)
Abstract 11 Title TBD

9:40-9:50 Selected student/postdoc from abstracts (7' + 3' Q&A)
Abstract 12 Title TBD

9:50-10:00 Selected student/postdoc from abstracts (7' + 3' Q&A)
Abstract 13 Title TBD

10:00-10:10 Selected student/postdoc from abstracts (7' + 3' Q&A)
Abstract 14 Title TBD

10:10-10:30 Selected young PI from abstracts (15' + 5' Q&A)

Abstract 15 Title TBD

10:30-11:00 [Coffee Break](#)

11:00-12:00 Session 9: Extracellular traps and vesicles

Chairs: TBD

11:00-11:30 Arturo Zychlinsky, Max Planck Institute (Munich, Germany)
Chromatin transformation in NETosis

11:30-12:00 Carole Parent, University of Michigan (Ann Arbor, USA)
Inside Out: How exosomal LTB4 and surface DNA help resolve sterile inflammation

12:00-2:00 [Lunch & Poster Viewing](#)

2:00-2:20 Selected young PI from abstracts (15' + 5' Q&A)

Abstract 16 Title TBD

2:20-3:40 Session 10: Neutrophil Migration

Chairs: TBD

2:20-2:50 Michael Schnoor, CINVESTAV (Mexico City, Mexico)
The role of myosin-1e in neutrophil functions and recruitment

2:50-3:20 Klaus Ley, Augusta University (Augusta, USA)
Talin-1 determines the direction of neutrophil migration

3:20-3:30 Selected talk from abstracts (7' + 3' Q&A)
Abstract 17 Title TBD

3:30-3:40 Selected talk from abstracts (7' + 3' Q&A)
Abstract 18 Title TBD

3:40-4:10 [Coffee Break](#)

4:10-4:50 Closing Lecture (Intro by S. D. Catz)

Mariana Kaplan, NIH (Bethesda, USA)
Rethinking autoimmunity through neutrophil biology



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4:50-5:00

Awards Session and Farewell

The 2026 Meeting Chair and Co-Chairs, Sergio D. Catz, The Scripps Research Institute, La Jolla, CA

5:00-5:05

Closing Remarks from the Neutrophil Meetings Steering Committee

Patrick P. McDonald, Université de Sherbrooke (Sherbrooke, Canada)