

5TH RESOLUTION DAYS

Draft Scientific Program

12-16 April 2027 · Eden Roc Hotel
Sant Feliu de Guíxols · Costa Brava · Spain

**The resolution of inflammation:
new avenues and opportunities for innovative
therapeutics?**

Joint meeting with the EFIS Study Group on innate immunity in Sterile Inflammation, Autoimmunity, and their Resolution (iiSIAR).

The scientific program combines invited keynote lectures, selected oral abstracts, translational discussion, poster sessions and dedicated networking opportunities. Speaker affiliations and expertise are included to provide a clearer view of the scientific scope of each session.

Scientific sessions: 13-15 April 2027

Draft - subject to minor changes as presentation titles and selected abstracts are finalized.

DAY 1

Tuesday, 13 April 2027

08:30-08:45	Welcome
08:45-10:30	Translational Round Table - Ice Breaker
10:30-11:00	Coffee break
11:00-12:45	IISAR Session I · keynote lectures + 3 selected abstracts
12:45-14:00	Lunch break
14:00-16:30	Networking / local visit
16:30-19:30	IISAR Session II · keynote lecture + 3 selected abstracts · coffee break
19:30-20:30	Dinner
20:30-22:00	Wine & Poster Session

TRANSLATIONAL ROUND TABLE - ICE BREAKER

Clinical and translational perspectives on inflammation resolution

This opening round table sets the translational and clinical framework of the meeting. The discussion will focus on how resolution biology is currently informing clinical practice, therapeutic development and patient-centred strategies across inflammatory and immune-mediated diseases.

Joan Clària	PhD · Clinical biology IDIBAPS / Hospital Clínic Barcelona, Spain	Lipid mediators; inflammation resolution
Dror Mevorach	MD · Clinical activity Hadassah Medical Center / Hebrew University, Israel	Apoptosis; efferocytosis; autoimmunity; inflammation resolution
Andreas Ramming	MD · Clinical activity University Hospital Erlangen, Germany	Fibrosis; rheumatology; systemic sclerosis
Catherine Godson	PhD University College Dublin, Ireland	Inflammation resolution; lipid mediators; kidney disease
Antonio Vidal-Puig	MD, PhD University of Cambridge, United Kingdom	Metabolic inflammation; obesity; mitochondrial biology
Nathalie Vergnolle	PhD · Clinical biology IRSD / Inserm / Université de Toulouse, France	Neuro-immune inflammation; pain; proteases; GPCR signaling
Thomas Jonassen	MD SynAct Pharma / University of Copenhagen, Denmark	Lipid metabolism; bioactive lipid mediators

DAY 1 - IISIAR

Tuesday, 13 April 2027

IISIAR SESSIONS I & II

Resolution mechanisms in immunity and inflammatory disease

These combined IISIAR sessions explore core mechanisms governing immune activation and resolution across tissues and disease contexts. Emphasis is placed on immune cell plasticity, macrophage biology and the transition from inflammation to resolution.

Charlotte Scott	PhD VIB Center for Inflammation Research / Ghent University, Belgium	Macrophages and myeloid cells; inflammation; tissue damage
Leila Akkari	PhD Netherlands Cancer Institute (NKI) / Oncode Institute, Netherlands	Tumor immunology; macrophages; tumor microenvironment
Ranit Kedmi	PhD Weizmann Institute of Science, Israel	Cellular networks controlling inflammatory and homeostatic immune responses

Selected oral abstracts will complement the invited presentations.

DAY 2

Wednesday, 14 April 2027

08:30-10:30	Basic Science · keynote lectures + 3 selected abstracts
10:30-11:00	Coffee break
11:00-12:45	Regeneration · keynote lectures + 3 selected abstracts
12:45-14:00	Lunch break
14:00-16:30	Networking / local cultural activity
16:30-17:00	Coffee break
17:00-19:30	Ageing & Autoimmunity · keynote lectures, industry talk + selected abstracts
19:30-20:30	Dinner
20:30-22:00	Wine & Poster Session

BASIC SCIENCE

Fundamental mechanisms of inflammation resolution

This session focuses on the essential cellular and molecular principles underlying inflammation resolution, including immune cell dynamics, antigen processing and tissue organisation during immune responses.

Ana-Maria Lennon-Duménil	PhD Institut Curie / Inserm - Immunity and Cancer Unit, France	Cell biology; dendritic cells; immune cell migration
Nathalie Vergnolle	PhD · Clinical biology IRSD / Inserm / Université de Toulouse, France	Neuro-immune inflammation; pain; proteases; GPCR signaling

DAY 2 - CONTINUED

Wednesday, 14 April 2027

REGENERATION

Immune-driven tissue repair and regeneration

This block highlights how resolution pathways actively promote tissue repair and functional recovery. Talks will address immune-stromal interactions, macrophage heterogeneity and regenerative signalling networks.

Stuart Forbes	MD, PhD · Clinical activity University of Edinburgh - Institute for Regeneration & Repair / Scottish Liver Transplant Unit, United Kingdom	Tissue repair; liver regeneration; macrophage biology
Lidia Bosurgi	PhD Humanitas Research Hospital / Humanitas University, Milan, Italy	Macrophage plasticity; tissue repair

AGEING & AUTOIMMUNITY

Resolution across the lifespan and immune tolerance

This session focuses on how ageing alters immune balance and resolution pathways, contributing to autoimmunity and chronic inflammation. Topics include immune senescence, loss of tolerance and tissue-specific immune dysfunction. Speakers will discuss how restoring immune balance may offer new strategies to counter autoimmune and age-related inflammatory diseases.

Maria Mittelbrunn	PhD Centro de Biología Molecular Severo Ochoa (CBM-CSIC/UAM), Spain	Immunity and ageing; immunometabolism
Stefanie Wculek	PhD CNIO - Spanish National Cancer Research Centre, Spain	Cancer immunology; macrophages; inflammatory signaling

An industry talk is planned to complement this session by illustrating therapeutic translation of these concepts.

DAY 3

Thursday, 15 April 2027

08:30-10:30	Metabolism I · keynote lectures + 3 selected abstracts
10:30-11:00	Coffee break
11:00-12:45	Metabolism II · keynote lecture + 5 selected abstracts
12:45-14:00	Lunch break
14:00-16:30	Networking / local cultural activity
16:30-17:00	Coffee break
17:00-20:00	Cancer · keynote lectures + selected abstracts
20:00	Travel Awards & Young Researcher Award Ceremony
20:30	Gala Dinner

METABOLISM I & II

Immunometabolism as a driver of resolution

These sessions explore the intimate relationship between metabolic pathways and immune function. Talks will address how cellular metabolism shapes immune responses, resolution capacity and tissue homeostasis, highlighting metabolism as a key determinant of inflammatory outcomes and therapeutic opportunities.

Joan Clària	PhD · Clinical biology IDIBAPS / Hospital Clínic Barcelona, Spain	Lipid mediators; inflammation resolution
Antonio Castrillo	PhD Instituto de Investigaciones Biomédicas Sols-Morreale, CSIC-UAM, Spain	Immunometabolism; macrophages; nuclear receptors
María Jesús Moreno-Aliaga	PhD University of Navarra / CIBEROBN, Spain	Immunometabolism; nutrition; chronic inflammation

DAY 3 - CONTINUED

Thursday, 15 April 2027

CANCER

Resolution pathways at the interface of immunity and cancer

This session explores the role of inflammation resolution in tumour biology, including immune suppression, tissue remodelling and therapeutic response. It highlights how reprogramming immune resolution pathways may open new avenues for anti-cancer strategies.

Maria Casanova Acebes	PhD CNIO - Cancer Immunity Group, Madrid, Spain	Myeloid immunity in solid tumors; immuno-physiology; circadian immunity
Yuval Shaked	PhD Faculty of Medicine / Integrated Cancer Center, Israel	Tumor microenvironment; angiogenesis

Selected oral abstracts will complement the invited presentations, followed by the Travel Awards and Young Researcher Award Ceremony.

Program status

Confirmed scientific structure as of September 2026. Presentation titles, selected abstracts and some activity details will be added as the program is finalized.