

# Scientific Program



# Scientific Program

**DAY 1 | Thursday |** March 2, 2017



**10:00-18:00**



Ground Floor Main Entrance (Syngrou Avenue): **Registration Desk**



Arrival-Registration

**13:00-16:00**



**Study Group Sessions**

**13:00-14:00**



Hall: **Conference Hall**



**Study Group: ESSG**

Chairs: **Joao Fonseca & Bernard Lauwerys**

**13:00-14:00**



Hall: **Meeting Room**



**Study Group: GCTSG**

Chair: **Christian Jorgensen**

**14:00-15:00**



Hall: **Meeting Room**



**Study Group: SGOA CANCELLED**

Chair: **Peter van der Kraan**

**14:00-16:00**



Hall: **Conference Hall**



**Study Group: ECFSG**

Chair: **Johan Rönnelid**

**16:00-16:30**



Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)**



Coffee Break

**16:30-16:40**



Hall: **Auditorium**



**Opening Remarks EWRR 2017**

**Dimitrios Boumpas & Panayotis Verginis**

**16:40-18:10**  Hall: Auditorium 

**Workshop I: Crossroads in Innate and Adaptive Immunity**

Chairs: **Pierre Miossec & Dominique Baeten**

**16:40-17:10** Dendritic cells shape the Th1/Th17 cells: implications for autoimmune inflammation.  
**Federica Sallusto**

**17:10-17:40** Trained immunity: Implications for immune inflammation.  
**Niels Riksen**

**Oral Presentations**

**Topic I: Crossroads in innate and adaptive immunity**

**17:40-17:50** In rheumatoid arthritis synovitis is not dominated by polymorphic local, but rather by uniform systemic T-cell responses  
**Anne Musters**

**17:50-18:00** Fra-1 transcription factor expression in macrophages foster inflammation during rheumatoid arthritis development  
**Nicole Hannemann**

**18:00-18:10** Novel mechanism mediated by the IL23/Th17 axis contributing to auto-immune arthritis  
**René Pfeifle**

**18:10-18:40**  Hall: Auditorium 

**Special Lecture**

Chairs: **Gabriel Panayi & Haralampos Moutsopoulos**

Genetic and epigenetic influences of the stress response on the immune system  
**George P. Chrousos**

**18:40-19:20**  Hall: Auditorium 

**Opening Ceremony**

**EWRR Meritorious Service Award**

Chairs: **Dimitrios Boumpas & Panayotis Verginis**

Awarded to:

**Gabriel Panayi**

**Haralampos Moutsopoulos**

**Opening Lecture**

Chairs: **Dimitrios Boumpas & Petros Sfikakis**

Mesenchymal causalities in the pathogenesis of Rheumatoid Arthritis and Comorbidities  
**George Kollias**

**19:30**  **Eugenides Foundation** 

**Networking Dinner at Eugenides Foundation**

# Scientific Program

**DAY 2 | Friday | March 3, 2017**



**07:30-08:30**



Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)**



Poster Mounting for Day 1

**08:30-10:00**



Hall: **Auditorium**



## Workshop II: New players and Novel Targets in Inflammation

Chairs: **Florence Apparailly & Vassilis Souliotis**

**08:30-09:00**

Mitochondrial biogenesis and clearance in health and disease  
**Nektarios Tavernarakis**

**09:00-09:30**

Portable, noninvasive, contrast free molecular imaging in inflammation  
**Vasilis Ntziachristos**

## Oral Presentations

Topic II: **New players and novel targets in inflammation**

**09:30-09:40**

The paracaspase MALT1 plays a central role in the pathogenesis of Rheumatoid Arthritis  
**Elisabeth Gilis**

**09:40-09:50**

IL-38 overexpression induces anti-inflammatory effects in mice arthritis models and in human macrophages in vitro  
**Marie-Astrid Boutet**

**09:50-10:00**

Intestinal overexpression of human TNF triggers sacro-iliitis  
**Karlijn Debusschere**

**10:00-10:30**



Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)**



Coffee Break and Poster Viewing

10:30-12:00



Hall: Auditorium



### Workshop III: Immune Regulation and Immunotherapy

Chairs: Villy Panoutsakopoulou & John Isaacs

**10:30-11:00** Immunoregulation without immunosuppression: the promises of low dose IL2.  
**David Klatzmann**

**11:00-11:30** Autophagy in the regulation of autoimmune responses.  
**Panayotis Verginis**

### Oral Presentations

#### Topic III: Immune regulation

**11:30-11:40** TNFR2+ regulatory T cells subpopulations are highly suppressive and are increased on anti-TNF treatment  
**Natacha Bessis**

**11:40-11:50** Synovial tissue of RA patients in remission contains a unique population of regulatory macrophages  
**Mariola Kurowska-Stolarska**

**11:50-12:00** Transcriptomic analysis of plasmacytoid dendritic cells from Rheumatoid Arthritis patients reveals novel targets for therapy  
**Garyfalia Papadaki**

12:00-13:00



Hall: 1<sup>st</sup> Floor Peristyle (Auditorium Lobby)



Lunch Break and Poster Viewing

13:00- 14:00



Hall: 1<sup>st</sup> Floor Peristyle (Auditorium Lobby)



Poster Tour Day 1 (Topics I-IV)

**14:00-15:30**



Hall: **Auditorium**



**Workshop IV: Pathogenic Stroma**

Chairs: **Jean-Michel Dayer & Christian Jorgensen**

**14:00-14:30**

The role of inflammatory Stroma in Autoimmune Diseases

**Burkhard Ludewig**

**14:30-15:00**

Stromal Cells in Chronic Inflammation

**Christopher D. Buckley**

**Oral Presentations**

**Topic IV: Pathogenic stroma**

**15:00-15:10**

MicroRNA-146a controls local bone destruction by regulating fibroblast induced osteoclastogenesis in inflammatory arthritis

**Victoria Saferding**

**15:10-15:20**

Hypoxia and rheumatoid phenotype prevent synovial fibroblasts from suppressing T helper cell proliferation through IDO1-mediated tryptophan metabolism

**Nathalie-Christin Kaul**

**15:20-15:30**

TNF/Tnfr2 signaling in mesenchymal cells of joints and aortic heart valves is aetiopathogenic for comorbid Arthritis and Heart Valve Disease developing in the TNFΔARE/+ mouse model

**Maria Sakkou**

**17:00**



**Acropolis Museum Guided Tour & Networking Dinner**

**08:00-09:00**  Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)** 

**Poster Mounting for Day 2**

**09:00-10:30**  Hall: **Auditorium** 

**Workshop V: Omics**

Chairs: **Emmanouil Dermitzakis & George Bertias**

**09:00-09:30** The Genomic Landscapes of Inflammation  
**Gioacchino Natoli**

**09:30-10:00** The Genetic Architecture of the Immune System in Systemic Lupus Erythematosus  
**Timothy Vyse**

**Oral Presentations**

**Topic V: Omics**

**10:00-10:10** Systematic profiling of mouse synovial fibroblasts during TNF-driven arthritogenesis and alignments to human rheumatoid arthritis  
**Evangelos Ntougkos**

**10:10-10:20** Increased Turnover of Monocytes in Patients with Rheumatoid Arthritis Identified by Transcriptome and Cytometric Profiling  
**Biljana Smiljanovic**

**10:20-10:30** Antisense long noncoding RNAs are deregulated in skin tissue of SSc patients  
**Fina Kurreeman**

**10:30-11:00**  Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)**  

**Coffee Break and Poster Viewing**

**11:00-12:30**  Hall: **Auditorium** 

**Workshop VI: Novel Technologies**

Chairs: **Thomas Häupl & Guenter Steiner**

**11:00-11:30** Nanoparticle based immunotherapy  
**Pere Santamaria**

**11:30-12:00** Organ on-a-chip  
**Katia Karalis**

**Oral Presentations**

**Topic VI: Novel technologies**

**12:00-12:10** Mesenchymal stem cell-derived exosomes and microvesicles exert similar immunomodulatory effect in collagen-induced arthritis  
**Danièle Noël**

**12:10-12:20** Naturally Processed Topoisomerase I Peptides presented by dendritic cells identify Immunodominant T cell Epitopes in Systemic Sclerosis  
**Eleni Tiniakou**

**12:20-12:30** Platelet-derived CLEC-2 and its ligand podoplanin (Gp38) inhibit synovial inflammation  
**Guillaume Desanti**

**12:30-13:30**  Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)**  

**Lunch Break and Poster Viewing**

**12:30-13:30**  Hall: **Meeting Room** 

**Meeting of the International Advisory Board**

**13:30-14:30**  Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)** 

**Poster Tour Day 2 (Topics V-VIII)**



**14:30-15:30**



Hall: **Auditorium**



**Workshop VII: Genes and Environment**

Chairs: **Frederique Ponchel & Cem Gabay**

**14:30-15:00** Genes and Environment in Rheumatoid Arthritis: What have learned?  
**Lars Klareskog**

**Oral Presentations**

**Topic VII: Genes and environment**

**15:00-15:10** A multi-parameter response prediction model for rituximab in Rheumatoid Arthritis  
**Tamarah de Jong**

**15:10-15:20** SMOC2, a secreted calcium-binding protein affects chondrogenic differentiation of precursor cells and homeostasis of cartilage  
**Tine Peeters**

**15:20-15:30** The mutated RNA splicing protein hnRNP-A3 is a novel autoantigen in systemic rheumatic diseases a link to Warburg effect in RA  
**Karl Skriner**

**15:30-16:00**



Hall: **1<sup>st</sup> Floor Peristyle (Auditorium Lobby)**



**Coffee Break**

**16:00-17:30**



Hall: **Auditorium**



**Workshop VIII: Connective Tissue Diseases and Vasculitis**

Chairs: **Ingrid Lundberg & Dimitrios Vassilopoulos**

**16:00-16:30** Inflammatory Myopathies: Novel mechanisms and phenotypes  
**Marinos C. Dalakas**

**16:30-17:00** Lung morphogenesis and response to injury: Implications for the immune mediated lung injury  
**Paschalis Sideras**

**Oral Presentations**

**Topic VIII: Connective Tissue Diseases and Vasculitis**

**17:00-17:10** Circulating exosomes play a role in the regulation of human in vitro osteoclastogenesis  
**Nikolett Marton**

**17:10-17:20** Understanding aberrant IL-6 mediated CD4+ T-cell signalling in early rheumatoid arthritis  
**Laura Ridgley**

**17:20-17:30** Dominant B-cell receptor clones in peripheral blood predict onset of arthritis in individuals at risk for rheumatoid arthritis  
**Marieke Doorenspleet**

# Scientific Program

**DAY 3 | Saturday | March 4, 2017**



**17:30-18:00**



Hall: **Auditorium**



## Closing Lecture

Chairs: **Dimitrios Boumpas & Panayotis Verginis**

Transcriptomic analysis of complex diseases

**Emmanouil Dermitzakis**

**18:00-18:30**



Hall: **Auditorium**



**Awards and closing remarks, Announcement about the 38<sup>th</sup> EWRR**

**20:00**



**Networking Dinner at Gazarte**

