

SCIENTIFIC Program

35th EUROPEAN WORKSHOP FOR RHEUMATOLOGY RESEARCH

Danubius Hotel Helia

Kárpát utca 62-64

1133 Budapest, Hungary

March 5 – 7, 2015

Thursday, March 5, 2015

12:00	REGISTRATION OPEN
13:00-15:00	STUDY GROUP SESSIONS
13:00-15:00 13:00-15:00 13:00-14:00 14:00-15:00	Room A EULAR Standing Committee on Investigative Rheumatology (ESCIR) Chair: Rik Lories, Georg Schett Study Group: Osteoarthritis (SGOA) Chair: Peter van der Kraan Study Group: Gene and Cell Therapy (GCTSG) Chair: Christian Jorgensen
13:00-15:00 13:00-14:10 14:10-14:50	Room B Study Group on Synovitis (ESSG) Chair: Douglas Veale Study Group for Risk Factors for RA (SGRFRA) Chair: Danielle Gerlag
13:00-15:00	Room C European Consensus Finding Study Group on Autoantibodies (ECFSG) Chair: Johann Rönnelid
15:00-15:20	Coffee Break
15:20	OPENING WORDS
15:35-16:00	<i>Greetings from the President of the EULAR:</i> <i>The role of neuroendocrine immunology in rheumatic diseases</i> Maurizio Cutolo, Genova, IT
16:00-17:30 16:00-16:25 16:25-16:50	WORKSHOP I: T and B Cells Team Up in Autoimmunity Chairs: Danielle Gerlag, Pierre Miossec <i>Role of gut microbiota in shaping regulatory B cell responses in arthritis</i> Claudia Mauri, London, UK <i>Perturbations of T cell function associated with susceptibility to autoimmune disease</i> Andrew Cope, London, UK

16:50-17:30	Abstract Presentations (4x 8+2 min)
16:50-17:00	<i>Inflammatory microenvironment of rheumatoid and osteoarthritic joint affects immunomodulatory activity of adipose-derived mesenchymal stem cells</i> Urszula Skalska, Warsaw, PL
17:00-17:10	<i>CD4+ T-helper cell subsets in lymph node biopsies and peripheral blood during the earliest phases of rheumatoid arthritis</i> Tamara Ramwadhoebe, Amsterdam, NL
17:10-17:20	<i>T cells in the infrapatellar fat pad of osteoarthritis patients as a source of IL-6 in the joint</i> Anja de Jong, Leiden, NL
17:20-17:30	<i>Aberrantly expressed BOB1 in RA synovitis might contribute to the breach of immune tolerance</i> Maartje Levels, Amsterdam, NL
17:30-17:50	Coffee Break
17:50-18:20	OPENING KEYNOTE LECTURE Chair: Jean-Michel Dayer, György Nagy <i>Network Medicine: From cellular networks to the human diseasome</i> Albert-László Barabási Center of Complex Networks Research, Northeastern University and Division of Network Medicine, Harvard University
18:20	End of Day 1
18:20	Poster mounting
18:30	Welcoming event
19:30	Networking event in hotel

Friday, March 6, 2015

06:50	Networking morning event
08:30-10:00	WORKSHOP II: A Wonderful Journey within the Cell Chair: Andreas Radbruch, Christian Jorgensen
08:30-08:55	<i>Tyrosine kinases in autoimmune and inflammatory diseases</i> Attila Mócsai, Budapest, HU
08:55-09:20	<i>Emerging role of extracellular vesicles in rheumatology</i> Edit Buzás, Budapest, HU
09:20-10:00	Abstract Presentations (4x 8+2 min)
09:20-09:30	<i>SLE associated UBE2I3 haplotype modulates plasma cell differentiation via genotypic regulation of NF-kb</i> Simon Vyse, London, UK
09:30-09:40	<i>Lasp-1 deficiency is changing synovial fibroblast interaction with cartilage matrix in TNFα mediated arthritis</i> Denise Beckmann, Münster, DE

09:40-09:50	<i>ICOS-ICOSL interaction regulates lymphotoxin alpha expression and maturation of lymphoid-like stromal cells during inflammation</i> Francesca Barone, Birmingham, UK
09:50-10:00	<i>TRNT1 missense mutations define a new periodic fever syndrome</i> Angeliki Giannelou, Washington, D.C., USA
10:00-10:30	Coffee Break + Poster viewing
10:30-12:00	WORKSHOP III: The Fibrous Connection Chair: László Czirják, Gabriella Szűcs
10:30-10:55	<i>Fibroblasts as triggers and modulators of joint destruction in rheumatoid arthritis</i> Thomas Pap, Münster, DE
10:55-11:20	<i>Better classification and new treatment targets for scleroderma</i> Chris Denton, London, UK
11:20-12:00	Abstract Presentations (4x 8+2 min)
11:20-11:30	<i>Anti-citrullinated proteins antibodies promote synovial fibroblast migration in rheumatoid arthritis</i> Meng Sun, Stockholm, SE
11:30-11:40	<i>IL-13-mediated STAT6 dependent modulation of fibrosis and effects of miR135b</i> Marzena Ciechomska, Wroclaw, PL
11:40-11:50	<i>Gene and microRNA expression of aggressive fibroblast-like synoviocytes from mice with chronic arthritis</i> Federica Madarena, Jena, DE
11:50-12:00	<i>Anti-fibrotic and anti-inflammatory effect of mesenchymal stem cells in murine hypochlorite-induced systemic sclerosis</i> Danièle Noël, Montpellier, FR
12:00-12:45	Lunch + Poster viewing Meeting of the International Advisory Board
12:45-14:00	Poster Tour I
14:00-15:20	WORKSHOP IV: New Kids on the Block in Inflammatory Arthritis Chair: Rene Toes, Rik Lories
14:00-14:25	<i>Trapping cytokines: New concepts for resolution of inflammation</i> Georg Schett, Erlangen, DE
14:25-14:50	<i>Novel negative regulators of inflammatory arthritis and focal osteolysis</i> Roberta Faccio, St. Louis, USA

14:50-15:30	Abstract Presentations (4x 8+2 min)
14:50-15:00	<i>Synovial macrophages promote TGF-β signaling after intra-articular injections of oxidized LDL in naïve murine knee joints, preventing production of pro-inflammatory factors S100a8/9, chemokines and aggrecanase-induced neo-epitopes</i> Wouter de Munter, Nijmegen, NL
15:00-15:10	<i>miR-146A deficiency in Ly6c^{high} monocytes contributes to pathogenic bone loss during inflammatory arthritis</i> Florence Apparailly, Montpellier, FR
15:10-15:20	<i>TGF-β is a potent inducer of nerve growth factor in articular cartilage via the ALK5-SMAD2/3 pathway. Potential role in OA related pain?</i> Peter van der Kraan, Nijmegen, NL
15:20-15:30	<i>Forced exercise-induced osteoarthritis is attenuated in mice lacking the small leucine-rich proteoglycan decorin</i> Tobias Gronau, Münster, DE
15:30-16:00	Coffee Break + Poster viewing
16:00-17:30	WORKSHOP V: Living with Comorbidities Chair: Yehuda Shoenfeld, Zoltán Szekanecz
16:00-16:25	<i>Cardiovascular disease in inflammatory arthritis – state-of- the art 2015</i> Mike Nurmohamed, Amsterdam, NL
16:25-16:50	<i>Epigenetics in health, lifestyle and disease</i> Steffen Gay, Zurich, CH
16:50-17:30	Abstract Presentations (4x 8+2 min)
16:50-17:00	<i>Vaccination against TNF and side effects in Listeria infection model</i> Eric Assier, Bobigny, FR
17:00-17:10	<i>Atherosclerosis severity is independent of endogenous IL-33 signaling</i> Cem Gabay, Geneva, CH
17:10-17:20	<i>Heterogeneity in plasmacytoid dendritic cell response to HIV-gp120 as a putative cause for variability in HIV musculoskeletal co-morbidity</i> Faye Cooles, Newcastle, UK
17:20-17:30	<i>Low vitamin D status is associated with avascular necrosis: an atherosclerosis prevention in pediatric lupus erythematosus substudy</i> Reut Gurion, Cleveland, OH, USA
17:30	End of Day 2
18:30	Meet in Hotel Lobby - Departure to networking event

Saturday, March 7, 2015

08:30-10:00	WORKSHOP VI: Molecular Conductors Orchestrate Inflammation Chair: Joachim Kalden, Włodzimierz Maslinski
08:30-08:55	<i>Micro molecules to macro effects in immune regulation in inflammatory arthritis</i> Iain McInnes, Glasgow, UK
08:55-09:20	<i>Hypoxia related signalling and inflammatory arthritis – a 21st century paradox</i> Douglas Veale, Dublin, IE
09:20-10:00	Abstract Presentations (4x 8+2 min)
09:20-09:30	<i>Distinct expression of T-cell homing molecules in human autoimmune lymph node stromal cells upon TLR-3 triggering</i> Janine Hähnlein, Amsterdam, NL
09:30-09:40	<i>Novel compound cytokine release inhibitory drug 3 (CRID3) inhibits the NLRP3 inflammasome in rheumatoid arthritis</i> Trudy McGarry, Dublin, IE
09:40-09:50	<i>NF-kappaB-inducing kinase (NIK) is expressed in synovial endothelial cells in early arthritis patients and correlates with markers of inflammation</i> Sander Tas, Amsterdam, NL
09:50-10:00	<i>Dysregulated bioenergetics in the inflamed joint</i> Mary Canavan, Dublin, IE
10:00-10:30	Coffee Break + Poster viewing
10:30-12:00	WORKSHOP VII: Back to the Future Chair: Jaap van Laar, João Fonseca
10:30-10:55	<i>Humoral autoimmunity and disease subsets in rheumatoid arthritis</i> Rogier Thurlings, Amsterdam, NL
10:55-11:20	<i>Towards prevention of immune-mediated inflammatory disease</i> Paul-Peter Tak, Cambridge, UK
11:20-12:00	Abstract Presentations (4x 8+2 min)
11:20-11:30	<i>Clinical and pathological differences of elderly- and younger-onset rheumatoid arthritis in an early arthritis cohort</i> Vasco Romão, London, UK
11:30-11:40	<i>Synovial tissue profiling in autoantibody positive individuals without arthritis reveals gene signatures associated with subsequent development of rheumatoid arthritis</i> Lisa van Baarsen, Amsterdam, NL

11:40-11:50	<i>Multiparameter flow cytometry analysis: high-dimensional dataset analysis towards a diagnostic test for rheumatoid arthritis</i> Frederique Ponchel, Leeds, UK
11:50-12:00	<i>Effect of prednisone on type I interferon signature in rheumatoid arthritis: consequences for response prediction to rituximab</i> Tamarah de Jong, Amsterdam, NL
12:00-12:45	Lunch + Poster viewing
12:45-14:30	Poster Tour II
14:30-16:00	WORKSHOP VIII: All for One, One for All Chair: Dimitrios Boumpas, John Isaacs
14:30-14:55	<i>Individualized therapy in RA: what is the current state and what are the prospects?</i> Tom Huizinga, Leiden, NL
14:55-15:20	<i>Improvement of therapies for RA in the past 20 years and in years to come: many different steps</i> Lars Klareskog, Stockholm, SE
15:20-16:00	Abstract Presentations (4x 8+2 min)
15:20-15:30	<i>Tristetraprolin is a novel therapeutic target for rheumatoid arthritis</i> Ewan Ross, Birmingham, UK
15:30-15:40	<i>Neutralisation of miR-155 ameliorates collagen-induced arthritis</i> Brian Morton, Glasgow, UK
15:40-15:50	<i>Depletion of autoantibody-secreting plasma cells based on the specificity of the secreted antibody</i> Adriano Taddeo, Berlin, DE
15:50-16:00	<i>Collagen-induced arthritis and Imiquimod-induced psoriasis development is unaffected by the absence of interleukin-33</i> Natacha Bessis, Bobigny, FR
16:00-16:30	Coffee break + Poster viewing Meeting of the Poster and Oral Communications Evaluation Committee
16:30-17:00	CLOSING KEYNOTE LECTURE: Underwater Investigations Chair: Jiří Vencovský, Zoltán Szekanecz <i>Evidence based balneotherapy in the land of thermal water</i> Tamás Bender, Budapest, HU
17:00-17:15	Poster and Oral Communication Awards
17:15-17:30	Closing Remarks Zoltán Szekanecz, György Nagy
17:30-17:40	Glimpse of EWRR Leeds 2016 Frederique Ponchel, Leeds, UK

17:40	End of Day 3 Poster Removal
19:00 19:30	Departure from hotel Networking event
20:00-20:30	SPECIAL LECTURE <i>Nuclear receptor signaling in macrophages link metabolism and inflammation</i> László Nagy, Debrecen, HU and Orlando, FL, USA

Sunday, March 8, 2015

DEPARTURE