

## POSTER TOUR LIST

Poster tour will be organized during the Poster Session:

**Friday, March 6 from 13:20 to 14:25**

**Saturday, March 7 from 12:35 to 13:50**

Interested participants can meet the Poster Tour leader in front of the poster board of the first poster of the list.

### POSTER TOUR BASIC 1 GENETICS, ENVIRONMENT, AND FIBROSIS IN SSC

Leader: **Michal Tomcik (Czech Republic)**

- P.002** The contrasting associations of ERAP1 and HLA class I regions between Systemic Sclerosis and Psoriasis - **Yuki Nishio et al**
- P.003** Analysis of mosaic chromosomal alteration in systemic sclerosis identifies phenotype-specific associations - **Yuki Nishio et al**
- P.018** TGF-beta and Shh induce endothelial-to-mesenchymal transition through the GLI transcription factors - **Natalia Riobo-Del Galdo et al**
- P.019** Collagen VIII: a promising target for anti-fibrotic treatment - **Olesya Plazyo et al**
- P.021** Genomic instability in systemic sclerosis is promoted by a PERK/FOXO1-dependent axis - **Mohammed Osman et al**
- P.023** Divergent Effects of Genetic and Diet-Induced Obesity on Dermal Adipose Tissue and Fibrosis - **Roberta Marangoni et al**

### POSTER TOUR BASIC 2 EXPLORING MECHANISMS OF SSC PATHOGENESIS

Leader: **Yukie Yamaguchi (Japan)**

- P.006** S100A4 Regulated Genes are Differentially Activated in Systemic Sclerosis Skin Across Limited and Diffuse Cutaneous Subsets - **Medha Kanitkar et al**
- P.014** Common fibroblast subpopulations in skin and lung tissue in systemic sclerosis - **Nikolaos Vlachogiannis et al**
- P.035** Primary cilia shortening of Systemic sclerosis dermal fibroblasts can be modulated by AURORA A kinase activity to reduce fibrotic phenotype - **Begoña Caballero-Ruiz et al**
- P.044** Macrophage-Driven Osteogenic Differentiation of Mesenchymal Stem Cells in Systemic Sclerosis Calcinosis - **Kaushik Shetty et al**
- P.048** Lung NK Cells in SSC-ILD Exhibit a Paradoxical Activated-Exhausted State - **Cristina Padilla et al**
- P.069** Human blood vessel organoids as a model of vasculopathy in SSC - **Alexandru-Emil Matei et al**

### POSTER TOUR TRANSLATIONAL ANTIBODIES AND BIOMARKERS IN SSC

Leader: **Rong Mu (China)**

- P.038** Shared and unique molecular signatures across different autoantibody groups in systemic sclerosis: a multi-omics analysis - **Hanlin Yin et al**
- P.227** Identification of lipidomic biomarkers associated with disease progression in systemic sclerosis - **Rebecca Ross et al**
- P.240** Deciphering Synovitis in Systemic Sclerosis - **Muriel Elhai et al**
- P.245** Serum Type I Interferon Activity as a Biomarker of Morbimortality in Systemic Sclerosis Independent of Cutaneous Subset - **Veronica Batani et al**
- P.364** Site-specific cancer risks differ by autoantibody status and across time in patients with scleroderma - **Ami Shah et al**
- P.405** Clinical Characteristics and Ethnic Differences in Anti-Fibrillar Positive Systemic Sclerosis patients: An International Multicenter Cohort Study - **Roberto D'Alessandro et al**

### POSTER TOUR CLINICAL 1 SCLERODERMA CLINICAL RESEARCH SHOWCASE

Leader: **Zsuzsanna McMahan (USA)**

- P.301** Defining the symptom severity and palliative care needs of patients with systemic sclerosis - **Julie McDonald et al**
- P.317** Significant unmet needs and treatment preferences concerning patients' orofacial needs in systemic sclerosis: Results from a large international survey - **Eleni Deligianni et al**
- P.346** Concomitant Sjögren's syndrome as a marker for severe visceral disease in systemic sclerosis - **Janet Pope et al**
- P.373** Travel distance to tertiary healthcare reflects disease severity and medication access in systemic sclerosis patients: insights from the Italian SPRING registry of the Italian Society of Rheumatology - **Carmilla Teresa Magnanimiti et al**
- P.408** Development of an Articular Activity Score in Systemic Sclerosis (ASSESS): Identifying Core Instruments for Disease Activity Assessment - **Blaz Burja et al**



## POSTER TOUR CLINICAL 2 EMERGING TREATMENT STRATEGIES IN SSC

Leader: **Silvia Bellando Randone (Italy)**

- P.051** Fc-gamma-receptor-activation by circulating immune complexes in systemic autoimmune diseases and its reduction by CD19-CAR T-cell therapy  
**Wolfgang Merkt et al**
- P.252** BCMAxCD3 bispecific antibody therapy with teclistamab induces profound B- and plasma cell depletion with preliminary clinical efficacy in the treatment of refractory systemic sclerosis - a case series - **Elise Siegert et al**
- P.257** RESET-SSc: Clinical Trial Evaluating Rese-cel (Resecabtagene Autoleucel), A Fully Human, Autologous 4-1BB CD19-CAR T Cell Therapy in Systemic Sclerosis  
**Dinesh Khanna et al**
- P.277** Rituximab in Patients with Systemic Sclerosis Non-responsive to csDMARDs Preliminary Results of a Prospective Observational Monocentric Study over 36 Months - **Zavada Daniel et al**
- P.282** Impact of updated treatment paradigms on clinical trial referral in diffuse cutaneous systemic sclerosis - **Kimberly Lakin et al**
- P.285** Safety And Effectiveness Of Tocilizumab In Systemic Sclerosis: A Multicenter French-Italian Study - **Corrado Campochiaro et al**

## POSTER TOUR CLINICAL 3 CARDIOVASCULAR AND IMAGING ADVANCES IN SSC: EMERGING TOOLS AND INSIGHTS

Leader: **John Pauling (UK)**

- P.065** Quantitative T2\* magnetic resonance imaging for the detection of iron deposition in the fingers of patients with systemic sclerosis  
**Nikolaos Vlachogiannis et al**
- P.131** Characterization of early pulmonary arterial hypertension in systemic sclerosis: a Canadian Scleroderma Research Group cohort study - **Chloé Jessen et al**
- P.141** Primary heart disease in patients with systemic sclerosis and myocardial iron deposition detected by T2\* magnetic resonance - **Petros P Sfikakis et al**
- P.146** Magnetic resonance cardiopulmonary tissue characteristics in a systemic sclerosis cohort: a pilot study - **Sieiro Santos Cristiana et al**
- P.206** Cutaneous telangiectasia quantification as a predictive marker of vascular complications of Systemic Sclerosis - **Matthew Wells et al**
- P.386** Radiographic hand assessment of acro-osteolysis in systemic sclerosis provides novel insights into pathogenesis and evolution of disease burden over time - **Michael Hughes et al**