

Monday 22nd April 2024 (program accredited from 17:00h onwards)

11:00 - 12:00	Pre-conference meeting: Sjögren's Genetics Network (SGENE). Chair: Dr. Chris Lessard (Oklahoma Medical Research Foundation)
12:00 - 21:00	Registration open
13:00 - 14:30	Pre-conference course I Decoding Ultrasonography of Salivary Glands in Sjögren's Disease: Mastering Grey Scale and Color Doppler Imaging
13:00 - 13:20	A Live Demonstration of the Technique <i>Dr. Sandrine Jousse-Joulin (University of Brest Occidentale)</i>
13:20 - 13:40	Gray Scale and Colour Doppler Scoring: How do we Score? <i>Dr. Alojzija Hocevar (University Medical Centre Ljubljana)</i>
13:40 - 13:50	Break
13:50 - 14:30	Scoring All Together: an Interactive Online Voting Exercise <i>Dr. Konstantina Delli / Dr. Jolien van Nimwegen / Dr. Alja Stel (University Medical Center Groningen)</i>
14:30 - 15:00	Break
15:00 - 16:30	Pre-conference course II Beyond Focus Scores! A Hands-on Workshop on Histological Features of Sjögren's Disease and Computational Pathology
15:00 – 15:15	Challenging Cases of Sjögren-associated Histological Features: Sharing First Impressions

15:15 – 16:00	Challenging Cases of Sjögren-associated Histological Features: Expert Views and Approaches
16:00 – 16:30	Assessment of Lymphoepithelial Lesions Using Digital Image Analysis and Artificial Intelligence <i>Dr. Bert van der Vegt / Dr. Gwenny Verstappen / Dr. Frans Kroese (University Medical Center Groningen)</i>
17:00 - 18:00	Welcome & opening Chair: Dr. Hendrika Bootsma Keynote lecture: Immunomodulatory Effects of Sex Hormones in Humans <i>Dr. Petter Brodin (Karolinska Institute)</i>

Tuesday 23rd April 2024

08:30 - 09:40	Session 1a: <u>From a patient's point of view</u> Chairs: Dr. Alan Baer (National Institute of Dental and Craniofacial Research) & Dr. Sofie Blokland (University Medical Center Utrecht)
8:30 – 9:00	Aligning Patient and Clinician Perspectives <i>Dr. Alan Baer (National Institute of Dental and Craniofacial Research)</i> <i>Ms. Kathy Hammitt (Sjögren's Foundation, USA)</i>
9:00 – 9:30	Optimizing Prevention and Management of Sjögren’s Disease Oral Complications: An Interprofessional Affair <i>Dr. Caroline Shiboski (University of California, San Francisco)</i>
9:30 – 9:40	Life with Sjögren: more than meets the eye <i>Ms. Ana Vieira (Sjögren Europe)</i>
09:40 - 10:00	Session 1b: <u>From a patient's point of view (abstract session)</u>
9:40 – 9:50	O1.1 The Minimally Important Difference for the Xerostomia Inventory among Sjögren’s Disease Patients <i>Z. Assy (Academic Centre for Dentistry Amsterdam)</i>
9:50 – 10:00	O1.2 Novel Tool ‘The Sjögren's Symptoms Card and my Positive Health Spider Web’ <i>J. Koelewijn (Dutch Association of Sjögren patients (NVSP))</i>

<p>10:45 - 11:15</p>	<p>Session 2a: <u>Glands and imaging</u></p> <p>Chairs: Dr. Luca Quartuccio (University of Udine) & Dr. Valerie Devauchelle-Pensec (University of Brest Occidentale)</p> <p>Imaging of Sjögren’s Disease with Special Reference to Ultrasound <i>Dr. Sandrine Jousse-Joulin (University of Brest Occidentale)</i></p>
<p>11:15 - 12:15</p> <p>11:15 – 11:30</p> <p>11:30 – 11:45</p> <p>11:45 – 12:00</p> <p>12:00 – 12:15</p>	<p>Session 2b: <u>Glands and imaging (abstract session)</u></p> <p>O2.1 Stratifying Salivary Gland Secretory Hypofunction of Sjögren’s Syndrome Based on A Novel Ultrasonographic Scoring Model <i>W. Huang (Shenshan Medical Center)</i></p> <p>O2.2 Development of salivary gland organoids to study Sjögren’s disease <i>L. Meudec (University of Paris-Saclay)</i></p> <p>O2.3 Harmonization of digital image analysis of salivary gland histological parameters in Sjögren’s disease <i>M. Rizzo (University of Udine)</i></p> <p>O2.4 Ultra-high frequency ultrasound examination of labial salivary glands and lachrymal glands: diagnostic accuracy and prognostic value <i>C. Baldini (University of Pisa)</i></p>
<p>12:15 – 12:45</p>	<p>Session 2c: <u>Glands and imaging (continued)</u></p> <p>Current Concepts in Sjögren’s Related Ocular Surface Disease <i>Dr. Esen Akpek (John Hopkins University School of Medicine)</i></p>
<p>12:45 – 14:00</p>	<p>Break & P1 Poster presentations</p>

<p>14:00 – 14:30</p>	<p>Session 3a: <u>Pathogenetic aspects I</u></p> <p>Chairs: Dr. Christopher Lessard (Oklahoma Medical Research Foundation) & Dr. Clio Mavragani (National and Kapodistrian University of Athens)</p> <p>Advancing Interceptive Medicine for Sjögren’s Disease Through Integrated ‘Omics’ <i>Dr. Blake Warner (National Institute of Dental and Craniofacial Research)</i></p>
<p>14:30 - 15:30</p> <p>14:30 – 14:45</p> <p>14:45 – 15:00</p> <p>15:00 – 15:15</p> <p>15:15 – 15:30</p>	<p>Session 3b: <u>Pathogenetic aspects I (abstract session I)</u></p> <p>O3.1 Labial salivary gland CD4+ T-cell composition in Sjögren’s Disease is heterogeneous and contains multiple cell differentiation states <i>D. Farris (Oklahoma Medical Research Foundation)</i></p> <p>O3.2 IL-27 drives CD4 and CD8 T cell differentiation in lacrimal gland autoimmunity <i>I. Debrececi (University of Iowa)</i></p> <p>O3.3 Transcriptomic profiling of Sjögren’s salivary glands identifies rheumatoid factor signatures associated with both follicular and extra-follicular responses <i>E. Pontarini (Queen Mary University of London)</i></p> <p>O3.4 Rare deleterious variants in NFAT5 and PRKCD in three siblings with pediatric-onset Sjögren’s disease <i>G. Verstappen (University Medical Center Groningen)</i></p>
<p>15:30 - 16:00</p>	<p>Break</p>
<p>16:00 - 17:00</p>	<p>Session 3c: <u>Pathogenetic aspects I (abstract session II)</u></p> <p>Chairs: Dr. Andreas Goules (National and Kapodistrian University of Athens) & Dr. Sarah Pringle (University Medical Center Groningen)</p>

16:00 – 16:15	O3.5 TYK2 is required for salivary and lacrimal gland inflammation in a mouse model of Sjogren's disease <i>S. Lieberman (University of Iowa)</i>
16:15 – 16:30	O3.6 Amlexanox inhibits type I interferon production and suppresses B cell differentiation in vitro: a potential novel therapeutic option for Sjögren's syndrome and other systemic inflammatory diseases <i>A. Bjork (Karolinska Institute)</i>
16:30 – 16:45	O3.7 Single-cell RNA-sequencing of PBMCs confirms the central role of anti-SSA antibodies and its association with Interferon-stimulated genes in the systemic expression of Sjögren's disease <i>G. Urbanski (University of California, San Francisco)</i>
16:45 – 17:00	O3.8 Lysosome-associated membrane protein 3 amplifies type I IFN response by inducing ectopic TLR7 expression in salivary gland epithelial cells <i>H. Nakamura (Sapporo Medical University School of Medicine)</i>

Wednesday 24th April 2024

08:30 - 09:00	Session 4a: <u>Trials and tools</u> Chairs: Dr. Maureen Rischmueller (University of Adelaide) & Dr. Thomas Dörner (Charité University Hospitals) Trial Design and Tools for Sjögren's Disease <i>Dr. Suzanne Arends (University Medical Center Groningen)</i>
09:00 - 10:00	Session 4b: <u>Trials and tools (abstract session)</u>
09:00 - 09:15	O4.1 Dazodalibep, a CD40L Antagonist, in Subjects with Sjögren's Disease having Moderate-to-Severe Systemic Disease Activity: Full Crossover Results from a Phase 2, Randomized, Double-Blind, Placebo-

	Controlled, Proof of Concept Study <i>E.W. St. Clair (Duke University Medical Center)</i>
09:15 – 09:30	O4.2 Iscalimab (CFZ533) in patients with Sjögren’s Disease: Week 24 efficacy and biomarker results of a randomized, placebo-controlled, phase 2b dose-ranging study <i>X. Mariette (University of Paris-Saclay)</i>
09:30 – 09:45	O4.3 Clinical efficacy and patient-reported outcomes (PROs) in anti-Ro/Sjögren’s syndrome–related antigen A (SSA) antibody–positive patients with active systemic lupus erythematosus (SLE) treated with deucravacitinib in the phase 2 PAISLEY trial <i>B. Fisher (University of Birmingham)</i>
09:45 – 10:00	O4.4 Large-scale discovery proteomics in Sjögren's disease: delineating treatment response and pathophysiological insights from the RepurpSS-I trial <i>V. Baloch (University Medical Center Utrecht)</i>
10:00 - 10:45	Break
10:45 - 11:15	Session 5a: <u>Extra-glandular involvement</u> Chairs: Dr. Xavier Mariette (University of Paris-Saclay) & Dr. Chiara Baldini (University of Pisa) Peripheral Neuropathy and Dysautonomia in Sjögren's Disease <i>Dr. David Younger (New York City University School of Medicine)</i>
11:15 - 12:15	Session 5b: <u>Extra-glandular involvement (abstract session)</u>
11:15 – 11:30	O5.1 The burden and characteristics of neurological symptoms in patients with Sjögren disease <i>A. Alunno (University of L'Aquila)</i>
11:30 – 11:45	O5.2 Evidence-Based Guidelines for Sjögren’s Disease Peripheral Nervous System Manifestations <i>R. Fox (Scripps Research Institute)</i>

11:45 – 12:00	O5.3 Sleep disturbance, Depression and Fatigue in Sjogren's disease: the impact on occupational health <i>B. Cameira Cintro (University of São Paulo)</i>
12:00 – 12:15	O5.4 Real-World fatigue variability in Sjögren’s Syndrome <i>J. Chow (Newcastle University)</i>
12:15 - 12:45	Session 5c: <u>Extra-glandular involvement (continued)</u> Fatigue in Sjögren’s Disease <i>Dr. Wan-Fai Ng (Newcastle University)</i>
12:45 - 14:30	Break
12:45 - 14:00	Executive Project Management Team meeting NECESSITY consortium. <i>On invitation only.</i> Chair: Dr. Xavier Mariette (University of Paris-Saclay)
14:30 - 15:00	Session 6a: <u>Pathogenic aspects II</u> Chairs: Dr. Athanasios Tzioufas (National and Kapodistrian University of Athens) & Dr. Marie Wahren-Herlenius (Karolinska Institute) Deciphering the Cross-Talk Between Lymphocytes and Epithelium in Sjögren’s Disease <i>Dr. Gaetane Nocturne (University of Paris-Saclay)</i>
15:00 - 16:00	Session 6b: <u>Pathogenetic aspects II (abstract session)</u>
15:00 – 15:15	O6.1 Cytoplasmic accumulation of mitochondrial dsRNAs by aberrant SUV3 expression activates PKR in monocytes of childhood Sjögren’s disease <i>S. Cha (University of Florida)</i>
15:15 – 15:30	O6.2 Transcriptional dysregulation in Sjögren’s disease through the lens of mitophagy

	<i>J. Ice (OKC Veterans Affairs Medical Center)</i>
15:30 – 15:45	O6.3 Harnessing cell energy metabolism to suppress salivary gland inflammation in Sjogren Syndrome: role of glycolysis in metabolic reprogramming and regulation of epithelial cell inflammation <i>S. Colafrancesco (Humanitas University)</i>
15:45 – 16:00	O6.4 Differentiation of human pluripotent stem cells (iPSCs) into human salivary gland epithelial progenitors <i>X. Wang (Beijing Tiantan Hospital, Capital Medical University)</i>
16:00 - 16:30	Break
16:30 – 17:30	Session 7: Outstanding abstracts session Chairs: Dr. Divi Cornec (University of Brest Occidentale) & Dr. Zana Brkic (Erasmus Medical Center)
16:30 – 16:45	O7.1 Sexual experience and functioning in female and male patients with primary Sjögren’s Disease: a qualitative study <i>D. Rebel (University Medical Center Groningen)</i>
16:45 – 17:00	O7.2 Spatial Transcriptomics Implicates Glandular Cell Involvement in Pathophysiology of Sjögren’s Disease <i>C. Lessard (Oklahoma Medical Research Foundation)</i>
17:00 – 17:15	O7.3 Stratification of Sjögren’s disease, based on symptoms, clinical and routine biological data, is supported by distinct pathophysiological pathway <i>Y. Nguyen (AP-HP Hospital Beaujon)</i>
17:15 – 17:30	O7.4 cGAS-STING pathway activation drive Type-I IFN in Sjögren’s Disease <i>B. Warner (National Institute of Dental and Craniofacial Research)</i>
17:30 - 19:00	P2 Poster presentations

Thursday 25th April 2024

08:30 - 09:00	Session 8a: <u>Classification and stratification</u> Chairs: Dr. Wan-Fai Ng (Newcastle University) & Dr. Caroline Shiboski (University of California, San Francisco) Sjögren's Disease Endotypes: Towards Precision Medicine <i>Dr. Sara McCoy (University of Wisconsin)</i>
09:00 - 10:00	Session 8b: <u>Classification and stratification (abstract session)</u>
09:00 – 09:15	O8.1 Genome-wide Association Study of Ro/SSA+ and Ro/SSA- Sjögren's cases in the Sjögren's Genetic Network (SGENE) demonstrates divergent genetic architecture in patient subphenotypes <i>C. Lessard (Oklahoma Medical Research Foundation)</i>
09:15 – 09:30	O8.2 The weight of immunoblot testing in Sjögren's Syndrome: does the quantitative titer of autoantibodies influence the severity of disease onset? <i>S. Fonzetti (University of Pisa)</i>
09:30 – 09:45	O8.3 Damage accrual in Sjögren's disease over 5 years: the GIRRCS Sjogren's disease cohort experience <i>A. Marino (Campus Biomedico of Rome)</i>
09:45 – 10:00	O8.4 Mucosal associated lymphoid tissue lymphoma predictors in primary Sjogren's Disease by data driven analysis in harmonized patients <i>L. Chatzis (National and Kapodistrian University of Athens)</i>
10:00 - 10:45	Break

<p>10:45 - 11:15</p>	<p>Session 9a: <u>Looking forward!</u></p> <p>Chairs: Dr. Raphaële Seror (University of Paris-Saclay) & Dr. Benjamin Fisher (University of Birmingham)</p> <p>Molecular Pathology for Patients' Stratification in Sjogren's Disease: Where Are We? <i>Dr. Michele Bombardieri (Queen Mary University of London)</i></p>
<p>11:15 - 12:15</p> <p>11:15 – 11:30</p> <p>11:30 – 11:45</p> <p>11:45 – 12:00</p> <p>12:00 – 12:15</p>	<p>Session 9b: <u>Looking forward! (abstract session)</u></p> <p>O9.1 Ultrasound guided core-needle biopsy of the unswollen parotid gland is a reliable technique in the work-up of primary Sjögren's syndrome <i>H. Achten (Ghent University)</i></p> <p>O9.2 Diagnosing Sjogren's Syndrome: A Multi-modal Deep Learning Approach with Histopathologic Images and Clinical Data <i>I. Brahim (University of Brest Occidentale)</i></p> <p>O9.3 A high polygenic risk score is associated with SSA antibody positivity in primary Sjögren's syndrome <i>C. Fugmann (University of Uppsala)</i></p> <p>O9.4 Deconstruction and Reconstruction of Sjögren's Disease: AMP-AIM Partnership <i>A. Rasmussen (Oklahoma Medical Research Foundation)</i></p>
<p>12:15 - 12:45</p>	<p>Closing remarks, awards ceremony & announcement 17th ISSjD</p>
<p>12:45 - 13:30</p>	<p>Lunch</p>