



Final
Programme

5TH SYSTEMIC SCLEROSIS WORLD CONGRESS

FEBRUARY **15-17**, 2018
BORDEAUX, FRANCE 

www.sscworldcongress.org



5TH SYSTEMIC SCLEROSIS WORLD CONGRESS

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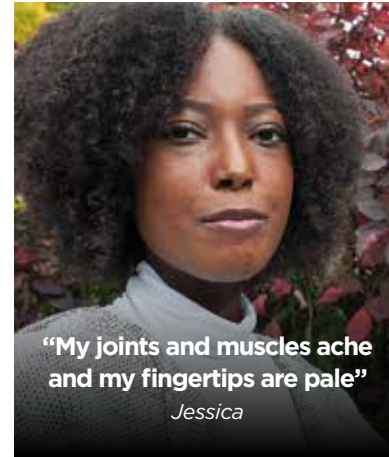
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Different people. Different symptoms. Same disease.



At Boehringer Ingelheim, we understand how overwhelming a diagnosis of **systemic sclerosis (scleroderma)** can be for everyone, no matter how the disease manifests itself. Pulmonary involvement is often a particular concern, given that lung complications can be serious and potentially life threatening.¹

Please visit us at Stand 12 to find out more.



Reference: 1. Tyndall AJ, et al. Ann Rheum Dis 2010;669:1809-15.



**More than
Scleroderma**

www.morethanscleroderma.com

Date of production: December 2017 PC-CDE-100269

Roche-sponsored satellite symposium at SSWC 2018

Advancing Treatment Strategies in SSc

Friday 16th February 2018, 15.50–16.20

Auditorium A, Bordeaux Convention Centre

Welcome and introduction

Prof Oliver Distler (Chair)

University Hospital Zurich, Switzerland

Burden of disease and emerging role of IL-6 in SSc

Prof Christopher Denton

Royal Free Hospital and UCL Division of Medicine, London, UK

Perspectives and ongoing clinical trial development in SSc

Prof Dinesh Khanna

University of Michigan, Ann Arbor, USA

Summary

Prof Oliver Distler (Chair)

Question and answer session



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SCIENTIFIC PROGRAMME

THURSDAY, FEBRUARY 15

13:00-16:30

Pre-Congress Workshops

See information at page 12

16:45-17:45

Satellite Symposia

See information at page 14

18:00-18:30

Opening Ceremony

Auditorium A

18:30-19:50

Opening Lectures

Chairpersons: T Krieg (D), M Matucci-Cerinic (I)

Auditorium A

18:30

Clinical progress since last WSC

D Furst (USA)

18:55

Progress in basic science since last WSC

A Gabrielli (I)

19:20

TREATMENT WITH MYELOABLATION FOLLOWED BY AUTOLOGOUS STEM CELL TRANSPLANTATION NORMALIZES THE SSC MOLECULAR SIGNATURE

S Assassi et al (USA)

19:35

DECIPHERING THE GENETIC BACKGROUND OF SSC THROUGH A META-GWAS STRATEGY

E Lopez-Isac et al (E)

19:50

Cheese & Wine Welcome Reception

FRIDAY, FEBRUARY 16

08:00-09:00 Session 1

MEET THE PROFESSOR SESSIONS

Myositis

M Baron (CDN)

Room D1

GI

V Steen (USA)

Room D2

Kidney

C Denton (UK)

Room E1

Auto Ab

T Medsger (USA)

Room E2

Management Dispnia in SSc

D Tashkin (USA)

Room F1

Management of early diseases in SSc

M Mayes (USA) & J Seibold (USA)

Room F2

Echocardiography beyond PAH

L Gargani (I)

Room G1

Skin issue beyond fibrosis

T Krieg (D)

Room H1

Lung (PAH)

O Distler (CH)

Room H2

09:05-10:30 Session 2

PULMONARY

Chairpersons: R Silver (USA), O Kowal-Bielecka (PL)

Auditorium A

09:05

Similarities and differences between IPF and SSc-ILD

B Crestani (F)

FRIDAY, FEBRUARY 16

- 09:30
SKIN PROGRESSION IS ASSOCIATED WITH INTERNAL ORGAN INVOLVEMENT AND MORTALITY IN PATIENTS WITH DIFFUSE CUTANEOUS SSC: A EUROPEAN SCLERODERMA TRIALS AND RESEARCH (EUSTAR) ANALYSIS
W Wu et al (CH)
- 09:45
THORACIC LYMPHADENOPATHY: A CANDIDATE AS A VERY EARLY MARKER OF INTERSTITIAL LUNG DISEASE IN SSC PATIENTS?
C Rotondo et al (I)
- 10:00
AMBITION STUDY: INITIAL COMBINATION THERAPY OF AMBRISENTAN AND TADALAFIL IN CONNECTIVE TISSUE DISEASE ASSOCIATED PULMONARY ARTERIAL HYPERTENSION (CTD-PAH) IN THE MODIFIED INTENTION TO TREAT POPULATION
M Kuwana et al (JPN)
- 10:15
LOW LEVELS OF CXCL5 AND CCL5 CORRELATE WITH INCIDENT PULMONARY ARTERIAL HYPERTENSION IN PATIENTS WITH SSC
K Kolstad et al (USA)
- 10:30-11:00 Coffee Break**
- 11:00-11:55 Session 3** **Auditorium A**
CARDIAC
Chairpersons: A Balbir-Gurman (ISR), G Riemekasten (D)
- 11:00
How to bring cardiac involvement to light in SSc
M D'Alto (I)
- 11:25
CLINICAL AND ECHOCARDIOGRAPHIC ASSOCIATES OF ALL-CAUSE MORTALITY AND CARDIOVASCULAR OUTCOMES IN PATIENTS WITH SSC
N Boonstra et al (NL)
- 11:40
CARDIOVASCULAR MAGNETIC RESONANCE PREDICTS RHYTHM DISTURBANCES IN SSC: RESULTS FROM THE SCLERODERMA ARRHYTHMIA CLINICAL UTILITY STUDY [SANCTUS]
L Gargani et al (I)
- 12:05-13:40**
Satellite Symposia
See information at page 14
- 13:40-14:40**
Poster Session & Lunch
- 14:40-15:40**
Satellite Symposia
See information at page 14
- 15:50-16:20**
Satellite Symposia
See information at page 14
- 16:25-17:20 Parallel Session 4** **Auditorium A**
AUTOANTIBODIES
Chairpersons: C Chizzolini (CH), F del Galdo (UK)
- 16:25
New Autoantibodies, organ involvement and disease progression in SSc
M Kuwana (JPN)
- 16:50
MIG still the best biologics for SSc?
Y Levy (ISR)
- 17:05
Should we screen for RNA Pol III ?
M Lazzaroni (I)
- 16:25-17:25 Parallel Session 5** **Auditorium C**
ADVANCED TOOLS (STRATEGIES) FOR DELINEATING FIBROSIS MECHANISMS
Chairpersons: J Varga (USA), Y Asano (JPN)
- 16:25
Mesenchymal cells in tissue repair, regeneration and fibrosis
C Ventura (I)
- 16:55
DIPEPTIDYL-PEPTIDASE-4 (DPP4) IDENTIFIES A POPULATION OF FIBROSIS-PROMOTING FIBROBLASTS AND IS A POTENTIAL MOLECULAR TARGET FOR TREATMENT OF FIBROSIS
A Soare et al (D)

FRIDAY, FEBRUARY 16

17:10
MULTI-ORGAN RNA-SEQUENCING OF PATIENTS WITH SSC FINDS THAT
INTRINSIC SUBSETS ARE CONSERVED ACROSS ORGAN SYSTEMS
M Whitfield et al (USA)

17:25-17:50 Coffee Break

17:50-18:50 Parallel Session 6 Auditorium C
FIBROSIS IN SSC: CAUSE(S) AND CONSEQUENCES
Chairpersons: R Lafyatis (USA), J Distler (D)

17:50
Lessons from normal wound healing for the pathogenesis
of fibrotic diseases
SA Eming (D)

18:20
MYELOID SPECIFIC DELETION OF C-REL PROTECTS AGAINST FIBROSIS IN
THE BLEOMYCIN MOUSE MODEL OF SSC
J Worrell et al (UK)

18:35
IL-31 PROMOTES PATHOGENIC MECHANISMS IN SCLERODERMA AND
INDUCES SKIN FIBROSIS IN MICE
R Stratton et al (UK)

17:50-18:50
Parallel Session 7 - Round Table Auditorium A
RECENT ACHIEVEMENT AND THE VISION OF REGISTRIES
Chairpersons: S Johnson (CDN), L Czirjak (H)

17:50
EUSTAR registries
Y Allanore (F)

18:02
Canada registries
M Baron (CDN)

18:14
Australia registries
S Proudman (AUS)

18:26
Deutsches Netzwerk Sklerodermie DNSS registries
P Moinzadeh (D)

18:38
USA Press registries
S Assasi (USA)

SATURDAY, FEBRUARY 17

08:00-09:10 Parallel Session 8 **Auditorium A**
ORAL PRESENTATIONS
Chairpersons: EB Lee (KR), J Avouac (F), A Shah (USA)

08:00
 MICROVASCULAR FLOW ASSESSED BY DYNAMIC OPTICAL COHERENCE TOMOGRAPHY: FIRST NON- INVASIVE QUANTITATIVE OUTCOME MEASURE OF MICROVASCULAR DISEASE IN SSC
G Abignano et al (UK)

08:10
 ADVANCED OXIDATION PROTEIN PRODUCTS AS A POSSIBLE BIOMARKER OF SSC CLINICAL EVOLUTION
GL Sighinolfi et al (I)

08:20
 INCREASED RISK FOR PRE-TERM BIRTH IN WOMEN WITH SSC
K Kolstad et al (USA)

08:30
 CAN WE PREDICT ORGAN INVOLVEMENT AND SURVIVAL IN PATIENTS WITH SSC IN THE FIRST 5 YEARS FROM DIAGNOSIS?
MC Vonk et al (NL)

08:40
 PREDICTORS FOR DISEASE WORSENING DEFINED BY ORGAN FAILURE IN DIFFUSE SSC: A EUROPEAN SCLERODERMA TRIALS AND RESEARCH (EUSTAR) ANALYSIS
M Becker et al (CH)

08:50
 DIFFERENT CUT OFFS FOR RENAL RESISTIVE INDEX REFLECT RENAL AND ORGAN INVOLVEMENT AND PREDICT WORSENING IN SSC PATIENTS
C Bruni et al (I)

09:00
 DYNAMIC PREDICTION OF PULMONARY HYPERTENSION IN SSC USING LANDMARK ANALYSIS: MODEL VALIDATION
S Nihtyanova et al (UK)

08:00-09:05 Parallel Session 9 **Auditorium C**
ORAL PRESENTATIONS
Chairpersons: M Nikpour (AUS), D Launay (F), J Wang (RC)

08:00
 LOWER-LIMB ULCERS IN SSC: A MULTICENTRIC RETROSPECTIVE CASE-CONTROL STUDY
P Senet et al (F)

08:10
 ESSENTIAL ROLE OF THE PROLYL 3-HYDROXYLASE LEPREL1 IN FIBROSIS
R Stratton et al (UK)

08:20
 DEVELOPMENT OF AVID200, AN ISOFORM-SELECTIVE TGF-BETA INHIBITOR, FOR THE TREATMENT OF SSC
M O'Connor et al (CDN)

08:30
 DOWN-REGULATION OF MICRORNA-126 IN SCLERODERMA MICROVASCULAR ENDOTHELIAL CELLS IS ASSOCIATED WITH DEFECTIVE ANGIOGENESIS AND ENHANCE ENDOTHELIAL TO MESENCHYMAL TRANSITION OF (ENDO-MT)
B Kahaleh et al (USA)

08:40
 PREDICTION OF FIBROSIS PROGRESSION IN SSC BY COLLAGEN BIOMARKERS
R Dobrota et al (CH)

08:50
 CORRELATION BETWEEN CAPILLAROSCOPIC CLASSIFICATIONS, DIGITAL ARTERIAL PRESSURE & DISEASE STAGE IN SSC: BASELINE RESULTS FROM SCLEROCAP STUDY
J Constans et al (F), S Blaise et al (F)

09:10-10:10 Session 10 **Auditorium A**
FREQUENTLY ASKED QUESTIONS
Chairpersons: T Frech (USA), E Kucharz (PL)

09:10
 Should we repeat NVC in the follow up of SSC?
J Constans (F)

SATURDAY, FEBRUARY 17

09:25

Should we repeat HRCT during the follow up of SSc?

D Tashkin (USA)

09:40

What is patient education and how to deliver it?

S Jacquemet (CH)

09:55

When do we need to make macro/micro vascular assessment when you see a DU?

M Matucci-Cerinic (I)

10:10-10:40 Coffee Break

10:40-12:05 Session 11

Auditorium A

MISCELLANEOUS

Chairpersons: M Hinchcliff (USA), S Guiducci (I)

10:40

The microbiota in SSc

A Hoffmann-Voldt (N)

11:05

THE INTESTINAL INVOLVEMENT IN SSC IS CHARACTERIZED BY A PECULIAR GUT MICROBIOTA: CORRELATION WITH DISEASE SUBTYPES AND BMI

G Natalello et al (I)

11:20

THE PREDICTOR OF MALNUTRITION IN SYSTEMIC SCLEROSIS SCORE; PREMASS: THE FIRST VALIDATED COMBINED INDEX PREDICTIVE OF FUTURE WEIGHT LOSS IN SSC

G Bagnato et al (I)

11:35

Oral Maxillary involvement in SSc

ME Truchetet (F) & R Devillard (F)

11:50

SCLERORAL STUDY: CLINICAL AND RADIOLOGICAL ANALYSIS OF ORAL MANIFESTATIONS ASSOCIATED TO SSC

S Jung et al (KR)

12:15-13:15

Satellite Symposia

See information at page 14

13:15-14:20

Poster Session & Lunch

14:20-14:50

Satellite Symposia

See information at page 14

14:50-16:45 Session 12

Auditorium A

TREATMENT

Chairpersons: M Mayes (USA), A Herrick (UK)

14:50

DU lessons and perspectives from RCT

E Hachulla (F)

15:15

How to manage limited SSc

Y Allanore (F)

15:40

SSc-ILD: when to treat and for how long?

D Khanna (USA)

16:05

WORLDWIDE EXPERT AGREEMENT ON 2016 EULAR/ EUSTAR RECOMMENDATIONS FOR THE TREATMENT OF SSC

J De Vries-Bouwstra et al (CH)

16:15

LONGITUDINAL CLINICAL, MOLECULAR, AND IMMUNOHISTOCHEMISTRY CHANGES DURING MYCOPHENOLATE MOFETIL THERAPY IN PATIENTS WITH SSC

D Toledo et al (USA)

SATURDAY, FEBRUARY 17

16:25

EFFICACY OF ADIPOSE TISSUE-DERIVED CELL REGIONAL IMPLANTATION IN THE TREATMENT OF CARDINAL DIGITAL ULCERS IN PATIENTS WITH SSC. RESULTS OF A RANDOMISED CONTROLLED TRIAL

N Del Papa et al (I)

16:35

RITUXIMAB IN SSC: SAFETY AND EFFICACY DATA FROM THE EUSTAR NETWORK

M Elhai et al (F)

16:45-17.25

Auditorium A

Highlights of the Congress

Chairpersons: K Takehara (JPN), L Mouthon (F)

Speakers: O Distler (CH) & S Assassi (USA)

17:25-17:40

Auditorium A

Closure of the Congress

WORKSHOP PROGRAMME

Workshops will be held on **Thursday, February 15**, for registered participants only.

Reservation is requested.

Left places can be booked at the “New Registration” desk in the registration area.

Coordinator: Phil Clements (USA)

Workshops will be repeated twice in the following times:

From 13:00 to 14:30	first slot
From 15:00 to 16:30	second slot

A coffee break will be served in the foyer from 14:30 to 15:00

HOW TO USE NAILFOLD CAPILLAROSCOPY IN SSC

Room E1

Convenor: M Cutolo (I)

13:00 and 15:00

Why capillaroscopy in SSC is fundamental for clinical/basic research and for the early diagnosis

M Cutolo (I)

13:15 and 15:15

How to distinguish the pathological capillaroscopic patterns from a normal pattern and role in prediction of clinical complications in SSC

V Smith (B)

13:30 and 15:30

How to select and when to employ the capillaroscopic device

A Sulli (I)

13:40 and 15:40

Practical session with patients

NEW INSIGHTS ON THE APPLICATIONS OF ULTRASOUND IN UNDERSTANDING AND MANAGING SSC

Room F1

Convenor: E Naredo (E)

13:00 and 15:00

Welcome

Clinical case

E Naredo (E)

13:05 and 15:05

Anatomic basis and ultrasound imaging of synovium and tendon involvement in SSC

I Möller (E)

13:15 and 15:15

Workshop on joints and tendons in SSC

I Möller (E), M Micu (RO), D Botello (E), E Naredo (E)

LOCALIZED SCLERODERMA

Room H1

**Convenors: R Knobler (A), T Krieg (D), A Taieb (F),
K Takehara (J)**

13:00 and 15:00

Introduction

T Krieg (D)

13:05 and 15:05

Classification of localized scleroderma

P Moinzadeh (D)

13:20 and 15:20

The Japanese network - an update

T Makino (J)

13:30 and 15:30

The natural course of localized scleroderma

J Mertens (NL)

13:40 and 15:40

Discussion

13:50 and 15:50

Topical and systemic therapy

A Taieb (F)

THURSDAY, FEBRUARY 15

14:05 and 16:05
UV-Therapy
R Knobler (A)

14:15 and 16:15
Discussion

14:25 and 16:25
Conclusion
K Takehara (J)

HOW TO EXPLORE THE VASCULAR SYSTEM **Room F2**
Convenor: J Constans (F)

13:00 and 15:00
Introduction
P Carpentier (F), J Constans (F)

13:05 and 15:05
Interactive clinical cases
Clinical case I: How to predict a digit ulcer?
S Blaise (F), C Boulon (F)

Clinical case II: Vascular exploration of a sclerodermic patient with digit ulcer
I Lazareth (F)

Clinical case III: lower limb ulcer in a sclerodermic patient
P Senet (F)

14:05 and 16:05
Manipulation of devices
Wide field capillaroscopy
Laser Doppler
Digital pressure measurement
Transcutaneous oxygen pressure measurement

The workshop is supported by the Societe Française de Medecine Vasculaire and Societe Francaise de Microcirculation

DIGITAL ULCER MANAGEMENT **Room G1**
Convenor: M Matucci-Cerinic (I)

13:00 and 15:00
The classification and the therapeutic strategy of DU in SSc
M Matucci-Cerinic (I)

13:25 and 15:25
The assessment of the ulcer (characteristics of the wound, infections, gangrene) in SSc
D Giuggioli (I)

13:50 and 15:50
The topical treatment of digital ulcerations with video projected procedures
C Bruni (I)

Video will be shown and the following points will be discussed in interactive fashion:

- what to look at
- how to wash/clean
- which kind of anesthesia
- how to perform debridement
- how to choose the dressing and covering.

SKIN BIOPSY- A PRACTICAL WORKSHOP **Room G2**
Convenors: A Ramming (D), R Dobrota (CH)

SKIN SCORING – A PRACTICAL WORKSHOP **Room D1**
Convenors: L Czirjak (H), D Furst (USA)

DETERMINING PROGRESSION OF SSC-ILD **Room H2**
Convenor: D Tashkin (USA), E Volkmann (USA)

Important!
The following workshop will be held from 15:00 to 16:30 only at the **Hotel Pullman - Room Montaigne A**

SKIN SCORE IN JUVENILE SSC **Hotel Pullman Room Montaigne A**

Convenors: D Khanna (USA), I Foeldvari (D)
The workshop is supported by Bayer AG

SATELLITE SYMPOSIA

CORBUS PHARMACEUTICALS, INC. SATELLITE SYMPOSIUM

AUDITORIUM A

Thursday, February 15
16:45-17:45

TARGETING INNATE IMMUNITY IN SCLERODERMA Chairperson: **J Varga (USA)**

16:45
Innate Immune Responses and Fibrosis in Scleroderma
J Varga (USA)

17:15
Resolving Innate Immune Responses in Scleroderma
B White (USA)

ACTELION SATELLITE SYMPOSIUM

AUDITORIUM A

Friday, February 16
12:05-13:40

TIMELY AND EFFECTIVE DECISIONS IN PAH-SSC Chairpersons: **Y Allanore (F), M Matucci-Cerinic (I)**

12:05
Introduction
Y Allanore (F)

12:10
Identification and treatment of PAH-SSc patients at an early disease stage
D Khanna (USA)

12:30
Utilization of risk assessment for the management of patients
A Boucly (F)

12:50
Double oral combination - The way forward for all PAH-SSc patients?
D Dumitrescu (D)

13:10
The role of the prostacyclin pathway in the treatment of PAH-SSc
K Highland (USA)

13:30
Panel discussion
M Matucci-Cerinic (I)

BOEHRINGER INGELHEIM SATELLITE SYMPOSIUM

AUDITORIUM A

Friday, February 16
14:40-15:40

PULMONARY INVOLVEMENT IN SSC - ARE WE ADDRESSING THE BURDEN?

Chairperson: Y Allanore (F)

14:40
Burden of interstitial lung disease associated with SSc
Y Allanore (F)

14:50
Current evidence on treatment of interstitial lung disease
associated with SSc
E Volkmann (USA)

15:00
How can we better select patients with interstitial lung disease
associated with SSc for treatment?
O Distler (CH)

15:10
Innovative therapeutic approaches to interstitial lung disease
associated with SSc
B Crestani (F)

15:20
Questions and answers

ROCHE SATELLITE SYMPOSIUM

AUDITORIUM A

Friday, February 16
15:50-16:20

ADVANCING TREATMENT STRATEGIES IN SSC

Chairperson: O Distler (CH)

Welcome and introduction
O Distler (CH)

Burden of disease and emerging role of IL-6 in SSc
C Denton (UK)

Perspectives and ongoing clinical trial development in SSc
D Khanna (USA)

Summary
O Distler (CH)

Question and answer session

MSD/BAYER SATELLITE SYMPOSIUM

AUDITORIUM A

Saturday, February 17
12:15-13:15

**2018 UPDATE ON PULMONARY ARTERIAL HYPERTENSION
– CONNECTIVE TISSUE DISEASE**
Chairperson: **D Khanna (USA)**

12:15
Welcome and Opening Remarks
D Khanna (USA)

12:20
What's new in SSc?

EUSTAR Predictors of dcSSc
O Distler (CH)

Current EULAR Recommendations
M Matucci-Cerinic (I)

12:45
Screening for and Diagnosing PAH in SSc Patients
H A Ghofrani (D)

12:55
sGC Stimulation in PAH-CTD Patients: Results From the Pivotal
PATENT Study
M Humbert (F)

13:05
Round Table Q&A
D Khanna (USA)

13:15
Summary and Close
D Khanna (USA)

ITALFARMACO SATELLITE SYMPOSIUM

AUDITORIUM A

Saturday, February 17
14:20-14:50

**SSC-RELATED VASCULAR DISEASE: STATE OF THE ART
AND FUTURE PERSPECTIVES OF PROSTANOID THERAPY**
Chairperson: **DE Furst (USA)**

14:20
The burden of SSc vascular disease
DE Furst (USA)

14:35
The role of iloprost in the treatment of RP and DUs
F Iannone (I)

PATIENT PROGRAMME

THURSDAY, FEBRUARY 15

	HOTEL IBIS LE LAC BORDEAUX MEETING ROOM
15:00 17:00	<p>ROUND-TABLE NETWORKING MEETING FOR LEADERS OF PATIENT ASSOCIATIONS</p> <p>Theme: How to deal with psychological aspect of newly diagnosed patients?</p> <p>Facilitator: Brett D. Thombs (CAN), Ph.D. Professor, Faculty of Medicine, McGill University</p> <p>20 min to present SPIN + opened discussions</p>
	AUDITORIUM A - CONGRESS CENTER BORDEAUX
18:00 21:30	<p>OPENING LECTURES AND WELCOME RECEPTION FOR CLINICIANS AND PATIENTS</p>

Simultaneous translation in French and Spanish is provided in **Auditorium B** on Friday, February 16 and Saturday, February 17

FRIDAY, FEBRUARY 16

Simultaneous translation in French and Spanish is provided in **Auditorium B only**

PATIENT PROGRAMME

	AUDITORIUM B	ROOM F1	ROOM E2	ROOM E1
9:00 9:05	FESCA Welcome by President Annelise ROENNOW (DK)			
9:05 9:30	HAVE WE LEARNT NEW THINGS ABOUT SCLERODERMA? Speaker: Prof. Yannick ALLANORE (F) 20 min + 5 min Q&A Chair: Annelise ROENNOW (DK) and Prof. Dan FURST (USA)			
9:30 10:00	WHEN FIBROSIS STRIKES THE HEART OR LUNGS IN SSc Speaker: Dr. Roger HESSELSTRAND (S) 20 min + 10 min Q&A Chair: Monica HOLMNER (S) and DR Anne Braae OLESEN (DK)	9:30-12:00 Focus group: barriers and facilitators to physical activity in scleroderma (ENGLISH and FRENCH)		
10:00 10:40	MOUTHCARE AND DENTAL TREATMENTS FOR PATIENT WITH SEVERE SSc Speaker: Dr. Sophie JUNG (F) - 20 min Patient experience: Anna VEGH (H) - 10 min Chair: Stephan HOUBERTZ (D) and Dr. Voon ONG (UK) Q&A - 10 min	Dr. Brett THOMBS (CAN), Julie Cumin (CAN), Marie-Eve Carrier (CAN)		10:00-11:00 Posture and breathing exercises for SSc Jadranka BROZD, Sanja ROSKAR (HR)
10:40 11:10	COFFEE BREAK			
11:10 11:40	PLASTIC SURGERY: FACE/LIPS, SOLE, ETC. ANY DEVELOPMENT? Speaker: Dr. Louise PASQUESOONE (F) 20 min + 10 min Q&A Chair: Nadine PACIOTTI (CH) and Prof. Marco MATUCCI-CERINIC (I)		11:00-11:50 Chi Gong Managed by Gabi NIEHAUS (D)	11:00-12:00 Wax Bath by Will GREGORY (UK)

FRIDAY, FEBRUARY 16

Simultaneous translation in French and Spanish is provided in **Auditorium B only**

	AUDITORIUM B	ROOM F1	ROOM E2	ROOM E1
11:40 12:20	<p>SURGERY: SPECIFIC RECOMMENDATIONS FOR SSc PATIENTS Speaker: Prof. Luc MOUTHON (F) - 15 min Patient experience: Kim FLIGELSTONE (UK) representing Silvia SANDULESCU (RO) - 5 min 10 min Q&A Chairs: Beata GARAY-TOTH (H), Dr. T. MINIER (H)</p>		<p>12:00-12:45 How to prevent and treat digital ulcers Managed by: Michele TONDUT (F) + Dr. S. SKOPINSKI (F)</p>	<p>12:00-12:45 Self face massage for SSc Jadranka BROZD, Sanja ROSKAR (HR)</p>
12:20 12:50	<p>URINARY PROBLEMS Speaker: Dr. Gregor JOHN (CH) 20 min + 10 min Q&A Chair: Ann TYRRELL KENNEDY (IRL) and Prof. Dr. Miklós SARDY (H)</p>	<p>12:00-12:45 Juvenile Scleroderma Speaker: Dr. Ivan FOELDVARI (D) Patient experience: Yun WAH (UK)</p>		
12.50 14:00	LUNCH			
14:00 15:00	<p>EDUCATIONAL THERAPY Speakers: Prof. Eric HACHULLA & Dr. Joel CONSTANS (F) / S. JACQUEMET (CH) - 15 min Patient experience: Yanne COURCOUX (F) - 5 min 10 min Q&A Chair: Sue FARRINGTON (UK)</p>	<p>14:00-15:00 Pregnancy Dr. Silvia BREDA (I) Chair: Catarina LEITE (P)</p>	<p>14:00-15:00 Sexual Life (Men session) Toon Van HELMOND (NL), Health psychologist Chair: Joep WELLING (NL)</p>	<p>14:00-14:50 Chi Gong Managed by Gabi NIEHAUS (D)</p>
15:00 15:30	<p>HOW TO HANDLE UPPER/LOWER INTESTINAL TRACT PROBLEMS? Speaker: Prof. Dinesh KHANNA (USA) 20 min + 10 min Q&A Chair: Linda SCHRAVEN (NL) and Prof Laszlo CZIRJAK (H)</p>	<p>15:00-16:00 Educational Therapy in French Managed by the Lille Medical team (F), Dr Geraldine WOJTASIK and Dr Sandrine MORELL-DUBOIS (F)</p>	<p>15:00-16:00 Sexual Life (Women session) Elaine FURST, RN, BSN, MA (USA) Chair: Iliaria GALETTI (I)</p>	<p>15:00-16:00 Wax Bath by Dr. William GREGORY (UK)</p>
15:30 16:00	BREAK			
16:00 17:00	<p>THE BENEFITS OF SOPHROLOGY IN SSc Speaker: Dr. Natalia CAYCEDO (E) Speech + practice - 45 min Patient experience: Martine TORRENT (F) - 5 min 10 min Q&A Chair: Dominique GODARD (F)</p>	<p>16:00-17:00 Educational Therapy in English Managed by the Lille Medical team (F), Dr Geraldine WOJTASIK and Dr Sandrine MORELL-DUBOIS (F)</p>	<p>16:00-17:00 Making Tough Healthcare Decisions in Scleroderma: A Toolkit Managed by Dr. Brett THOMBS (CAN)</p>	<p>16:00-17:00 Yoga for Body Strength, Vascular and Lung Health Dr. Lesley Ann SAKETKÓO (USA)</p>

PATIENT PROGRAMME

SATURDAY, FEBRUARY 17

Simultaneous translation in French and Spanish is provided in **Auditorium B only**

PATIENT PROGRAMME

	AUDITORIUM B	ROOM F1	ROOM E2
9:00 10:00	MEET THE PROFESSOR Answers to your questions in ENGLISH Prof. Dan FURST (USA), Prof. Maureen MAYES (USA), Dr. Pia MOINZAHEH (D)	MEET THE PROFESSOR Answers to your questions in FRENCH Prof. Yannick ALLANORE (F), Prof. Eric HACHULLA (F)	MEET THE PROFESSOR Answers to your questions in GERMAN Prof. Dr. Miklós SÁRDY (H)
10:00 10:45	DEVELOPMENT OF NEW THERAPIES IN SSc <ul style="list-style-type: none"> • How to identify new therapies in the laboratory • New therapies for SSc: Update on ongoing clinical studies Prof. Dr. Jörg DISTLER (D) - 15 min Prof. Dr. Oliver DISTLER (CH) - 20 min Chair: Joep WELLING (NL) Q&A - 10 min	10:00-11:00 SOPHROLOGY IN SPANISH Managed by Martine TORRENT (F)	10:00 am-01:00 pm Focus group: barriers and facilitators to physical activity in scleroderma (ENGLISH and FRENCH) Dr. Brett THOMBS (CAN), Julie Cumin (CAN), Marie-Eve Carrier (CAN)
10:45 11:15	COFFEE BREAK		
11:15 11:45	TREATING PAIN IN DIGITAL ULCERS & CALCINOSIS Speaker: Prof. Anne-Laure FAUCHAIS (F) 20 min + 10 min Q&A Chair: Kim FLIGELSTONE (UK) and Prof. Eric HACHULLA (F)		
11:45 12:15	RESEARCH ON KIDNEY FAILURE IN SSc Speaker: Prof. Chris DENTON (UK) 20 min + 10 min Q&A Chair: Despo CHARALAMBOUS (CY) and Dr. Carina MIHAI (RO)	11:45-12:45 SOPHROLOGY IN FRENCH Managed by Martine TORRENT (F)	
12:15 12:45	NUTRITION IN SSc Speaker: Dr. Lesley Ann SAKETKOO (USA) 20 min + 10 min Q&A Chair: Gabi NIEHAUS (D)		

SATURDAY, FEBRUARY 17

Simultaneous translation in French and Spanish is provided in **Auditorium B only**

	AUDITORIUM B	ROOM F1	ROOM E2
12:45 12:55	SELF MANAGEMENT: OVERCOMING OBSTACLES IN EDUCATION AND WORK Speaker: Yun WAH (UK) Chair: Annelise ROENNOW (DK)		
13:00	CLOSING		

POSTER SESSION

Poster session will take place in the Poster Area on **Friday, February 16** from 13:40 to 14:40 and on **Saturday, February 17** from 13:15 to 14:20.

Posters have been given a number and must be fixed on the poster board marked with the same number.

Posters can be hanged from 15:00 to 18:00 on Thursday, February 15 and from 07:45 on Friday, February 16 and removed within 18:00 on Saturday, February 17.

Poster panel height is cm 215 and the usable surface in vertical size is cm. 90 (width) and cm. 160 (height).

Authors are kindly asked on Friday, February 17 and Saturday, February 18 to stand by their poster during the Poster Session time for discussion with delegates. Otherwise please hang a note to inform when you will be available.

PATHOGENESIS

- P.001 A NOVEL ANIMAL MODEL FOR SYSTEMIC SCLEROSIS INDUCED BY IMMUNIZATION OF ANGIOTENSIN II RECEPTOR 1**
X. Yue, G. Riemekasten, X. Wang, H. Heidecke, F. Petersen, X. Yu
- P.002 SKIN COMMENSAL BACTERIA MIGHT AFFECT WOUND REPAIR IN SSC BY PREVENTING FIBROBLAST ACTIVATION AND BY PROVOKING CHRONIC INFLAMMATORY REACTIONS**
M. Yokota, J. Schniering, O. Distler, B. Maurer
- P.003 THE AV INTEGRIN INHIBITOR ABITUZUMAB INHIBITIS MYOFIBROBLAST DIFFERENTIATION**
E. Samy, Y. Wu, G. Higginbotham, R. Grenningloh, D. Xu
- P.004 C-REL IS A MASTER REGULATOR OF FIBROBLAST PHENOTYPE AND CELLULAR INTERACTIONS IN PULMONARY AND DERMAL FIBROSIS**
J. Worrell, J. Leslie, G. Smith, S. O'Reilly, M. Zaki, J. Van Laar, D. Mann, F. Oakley

- P.005 GENERATION AND CHARACTERIZATION OF ANTIBODIES AGAINST AT1R IN MOUSE MODEL OF SYSTEMIC SCLEROSIS (SSC)**
X. Wang, X. Yue, J. Yin, H. Heidecke, G. Wallukat, S. Ingolf, G. Riemekasten, X. Yu, F. Petersen
- P.006 EXPRESSION OF TLR7, TLR9, JAK2 AND STAT3 GENES IN PERIPHERAL BLOOD MONONUCLEAR CELLS FROM PATIENTS WITH SYSTEMIC SCLEROSIS**
M. Vreca, V. Spasovski, A. Zekovic, N. Damjanov, M. Andjelkovic, M. Ugrin, S Pavlovic
- P.007 VITAMIN D IN SYSTEMIC SCLEROSIS PATIENTS WITH DRY EYE SYNDROME**
E. Visalli, C. Gagliano, M. Di Gangi, G. Amato, A. Benenati, T. Avitabile, R. Foti
- P.008 REACTIVITY OF 150-KD ALPHA 2(V) CHAIN OF TYPE V COLLAGEN IS ASSOCIATED WITH AUTOIMMUNITY IN EARLY SYSTEMIC SCLEROSIS**
A.P. Velosa, L. Brito, M.R.U. Lopes, J. Tomaz De Miranda, V.L. Capelozzi, W. Teodoro
- P.009 COLLAGEN V/C57BL6 MOUSE MODEL: A NOVEL PRECLINICAL MODEL TO STUDY PATHOPHYSIOLOGY AND THERAPEUTIC APPROACHES IN SYSTEMIC SCLEROSIS**
W. Teodoro, A.P. Velosa, Z.A. Queiroz, L.A. Dos Santos, S. Catanozi, A. Dos Santos Filho, C. Bueno, M.B. Vendramini, S.M. Fernezlian, E.M. Eher, F.D. Lopes, P.D. Sampaio-Barros, V.L. Capelozzi
- P.010 SERUM KLOTHO CONCENTRATION IS INVERSELY ASSOCIATED TO THE SEVERITY OF NAILFOLD CAPILLAROSCOPIC PATTERN IN SYSTEMIC SCLEROSIS PATIENTS**
R. Talotta, T. Letizia, S. Bongiovanni, F. Rigamonti, M.C. Ditto, M. Antivalle, V. Varisco, S. Santandrea, F. Atzeni, T. Vago, P.C. Sarzi-Puttini
- P.011 INCREASED PLASMA LEVELS OF HSP90 ARE ASSOCIATED WITH LUNG INVOLVEMENT AND SKIN FIBROSIS IN PATIENTS WITH SYSTEMIC SCLEROSIS**
H. Storkanova, S. Oreska, M. Spiritovic, K. Pavelka, J. Vencovsky, J.H.W. Distler, L. Senolt, R. Becvar, M. Tomcik
- P.012 METABOLITES OF COLLAGEN ARE ASSOCIATED WITH THE AMOUNT OF FIBROSIS IN INTERNAL ORGANS IN SYSTEMIC SCLEROSIS PATIENTS**
A.S.S. Siebuhr, S. Kubo, K. Nakano, S. Nakayamada, M.A. Karsdal, A.C. Bay-Jensen, Y. Tanaka

PATHOGENESIS

- P.013 ASSOCIATION BETWEEN SYSTEMIC SCLEROSIS AND OTHER SYSTEMIC AUTO-IMMUNE DISEASES: STUDY IN TWO UNIVERSITY HOSPITALS COHORTS**
M. Scherlinger, J. Lute, E. Chatelus, M.E. Truchetet
- P.014 CYTOTOXIC T-LYMPHOCYTE ASSOCIATED PROTEIN-4 EXPRESSION INCREASED IN LESIONAL LINEAR MORPHEOA FIBROBLASTS**
M. Nino Leon, X. Shi Wen, C. Fonseca, C. Orteu, D. Abraham, C. Denton, A. Saracino, M. Ponticos
- P.015 DISEASE-RELATED SITE SPECIFIC METABOLIC REPROGRAMMING IN LINEAR MORPHEOA FIBROBLASTS**
A. Saracino, M. Nino Leon, J.W. Taanman, C. Fonseca, C. Orteu, X. Shiwen, D. Abraham, C. Denton, M. Ponticos
- P.016 THE FIRST COMPREHENSIVE ANALYSIS OF ANTIGEN-SPECIFIC CYTOMEGALOVIRUS ANTIBODY RESPONSES IN PATIENTS WITH SSC**
G. Efthymiou, C. Liaskos, E. Marou, T. Simopoulou, T. Scheper, W. Meyer, D. Bogdanos, L. Sakkas
- P.017 INCREASED PHOSPHORYLATION OF SYK KINASE IN B CELLS FROM PATIENTS WITH SYSTEMIC SCLEROSIS**
L. Sakkas, A. Mavropoulos, T. Simopoulou, C. Liaskos, D. Bogdanos
- P.018 EPITOPE MAPPING OF ANTI-RO52 ANTIBODY RESPONSES REVEALS DISTINCT IMMUNODOMINANT EPITOPE RECOGNITION IN PATIENTS WITH SYSTEMIC SCLEROSIS COMPARED TO SYSTEMIC LUPUS ERYTHEMATOSUS**
A. Gkoutzourelas, C. Liaskos, T. Scheper, W. Meyer, D. Bogdanos, L. Sakkas
- P.019 WITHDRAWN**
- P.020 WITHDRAWN**
- P.021 DYSREGULATION OF THE SLIT/ROBO AXIS MAY CONTRIBUTE TO ANGIOGENESIS DISTURBANCE IN SYSTEMIC SCLEROSIS (SSC)**
E. Romano, M. Manetti, I. Rosa, B.S. Fioretto, L. Ibba-Manneschi, M. Matucci-Cerinic, S. Guiducci
- P.022 SINGLE CELL CLONING FROM HEALTHY AND SCLERODERMA SKIN BIOPSIES REVEALS SPECIFIC SUBSETS OF DERMAL FIBROBLASTS WITH DIFFERENTIAL PROFIBROTIC RESPONSES**
R. Rebecca, C. Corinaledi, N. Riobo-Del Galdo, F. Del Galdo
- P.023 SYSTEMIC SCLEROSIS AND CANCER DEVELOPMENT. A SINGLE-CENTRE EXPERIENCE**
E. Kaltsonoudis, E. Pelechas, P. Voulgari, A. Drosos
- P.024 IMPACT OF ALTERATIONS IN X-LINKED IRAK1 GENE AND MIRNA-146A ON SUSCEPTIBILITY AND CLINICAL MANIFESTATIONS IN PATIENTS WITH SYSTEMIC SCLEROSIS**
S. Pavlovic, M. Vreca, M. Andjelkovic, A. Zekovic, N. Damjanov, V. Spasovski
- P.025 CHEMERIN LEVELS IN SYSTEMIC SCLEROSIS PATIENTS CORRELATE WITH VASCULAR DAMAGE**
G.B. Canestrari, E. De Lorenzis, L. Gigante, G. Natalello, B. Toluoso, C. Di Mario, G. Ferraccioli, E. Gremese, S.L. Bosello
- P.026 EVALUATION OF HLA-G IN SYSTEMIC SCLEROSIS**
G. Murdaca, P. Contini, S. Negri, M. Borro, F. Puppo
- P.027 THE CONTRIBUTION OF DYSFUNCTIONAL ENDOTHELIAL CELLS TO THE VASCULOPATHY OF SYSTEMIC SCLEROSIS: A SYSTEMATIC REVIEW**
Y. Mostmans, M. Cutolo, G. Giddelo, S. Decuman, K. Melsens, H. Declercq, E. Vandecasteele, F. Dekeyser, O. Distler, J. Gutermuth, V. Smith
- P.028 CCL18 AS BIOMARKER OF DISEASE ACTIVITY IN LOCALIZED SCLERODERMA AND EOSINOPHILIC FASCIITIS**
J. Mertens, E. De Jong, M. Seyger, E. Hoppenreijns, R. Thurlings, J. Wienke, F. Van Wijk, A. Van Royen-Kerkhof, W. Marut, T. Radstake
- P.029 SYSTEMIC SCLEROSIS SERA IMPAIR DERMAL LYMPHATIC MICROVASCULAR ENDOTHELIAL CELL FUNCTIONALITY**
M. Manetti, E. Romano, I. Rosa, B.S. Fioretto, S. Guiducci, L. Ibba-Manneschi, M. Matucci-Cerinic
- P.030 SERUM EOTAXIN-1/CCL11 LEVELS ARE ELEVATED IN SYSTEMIC SCLEROSIS AND ARE ASSOCIATED WITH SEVERITY**
B. Lopez, J.B. Gibier, J. Giovannelli, C. Hauspie, J. Trauet, M. Balden, P.Y. Hatron, E. Hachulla, M. Lambert, M.C. Copin, J.E. Kahn, M. Labalette, S. Dubucquoi, D. Launay, G. Lefèvre
- P.031 CIRCULATING MONOCYTE SUB-POPULATIONS ACCORDING TO CD14 AND CD16 EXPRESSION IN SYSTEMIC SCLEROSIS**
A. Lescoat, A. Ballerie, M. Roussel, B. Ly Sunnaram, G. Coiffier, S. Jouneau, O. Fardel, T. Fest, P. Jégo, V. Lecureur

PATHOGENESIS

- P.032** **DISTINCT PROPERTIES OF M- AND GM-BLOOD MONOCYTE-DERIVED MACROPHAGES TO SIMULATE PATHOLOGICAL LUNG CONDITIONS IN VITRO: APPLICATION TO SYSTEMIC SCLEROSIS ASSOCIATED INTERSTITIAL LUNG DISEASE**
A. Ballerie, A. Lescoat, Y. Augagneur, L. Vernhet, O. Fardel, P. Jégo, S. Jouneau, V. Lecureur
- P.033** **EFFEROCYTOSIS ABILITY OF MONOCYTE-DERIVED MACROPHAGES IN SYSTEMIC SCLEROSIS: FUNCTIONAL AND PHENOTYPIC EVALUATION**
A. Ballerie, A. Lescoat, C. Cazalets, S. Jouneau, L. Vernhet, O. Fardel, P. Jégo, V. Lecureur
- P.034** **MALIGNANCIES IN PATIENTS WITH CONNECTIVE TISSUE DISEASES AND POSITIVITY FOR ANTI-PM/SCL. A SINGLE CENTER STUDY**
M.G. Lazzaroni, I. Cavazzana, N. Carabellese, A. Montanelli, A. Furloni, A. Tincani, F. Franceschini, P. Airò
- P.035** **A NOVEL COMPUTATIONAL APPROACH TO IDENTIFY NEW TARGETS AND PATHWAYS FOR THERAPEUTIC INTERVENTION IN SCLERODERMA**
E. Kurtagic, J. Pradines, T. Manning, I. Capila
- P.036** **INCREASED EXPRESSION OF THE TNF SUPERFAMILY MEMBER LIGHT/TNFSF14 AND ITS RECEPTORS (HVEM AND LTBR) IN THE SKIN OF PATIENTS WITH SYSTEMIC SCLEROSIS**
O. Kowal-Bielecka, E. Gindzienska-Sieskiewicz, J. Reszec, P. Bielecki, A. Sieskiewicz, M. Bielecki, A. Sulik, K. Kowal
- P.037** **METABOLOMIC ANALYSIS IN PATIENTS WITH SYSTEMIC SCLEROSIS**
K.H. Jung, S.H. Oh, W. Park, M.J. Lim, S.R. Kwon, S.Y. Bang, K.H. Sook, S.H. Park
- P.038** **CHARACTERIZATION OF COLLAGEN FORMATION BY GROWTH FACTORS IN DERMAL FIBROBLASTS**
P. Juhl, M.A. Karsdal, A. Bay-Jensen, A.S. Siebuhr
- P.039** **A LONGITUDINAL ANALYSIS OF IL-7 LEVELS IN SYSTEMIC SCLEROSIS SUGGESTS INCREASED LEVELS IN CASES WITH SCLERODERMA RENAL CRISIS**
L. Host, S.I. Nihtyanova, B. Ahmed Abdi, V. Ong, C.P. Denton
- P.040** **IS CCN3 (NOV) DYSREGULATION IN SSC SKIN THE MISSING LINK BETWEEN VASCULOPATHY AND PIGMENTARY DISORDERS?**
P. Henrot, V. Jolivel, P. Laurent, P. Manicki, J. Seneschal, A. Taieb, M.E. Truchetet, M. Cario-Andre
- P.041** **GENOME-WIDE ASSOCIATION ANALYSIS OF SYSTEMIC SCLEROSIS IN IRANIAN POPULATION**
D. Gonzalez-Serna, E. Lopez-Isac, M. Brown, F. Gharibdoost, H. Kavosi, S. Poursani, A. Jamshidi, M. Mahmoudi, J. Martin
- P.042** **GENOME-WIDE ASSOCIATION ANALYSIS OF SYSTEMIC SCLEROSIS IN TURKISH POPULATION**
D. Gonzalez-Serna, E. Lopez-Isac, N. Yilmaz, H. Direskeneli, G. Saruhan-Direskeneli, A. H. Sawalha, S. Yavuz, J. Martin
- P.043** **SOLUBLE CD163 AS A POSSIBLE BIOMARKER IN SYSTEMIC SCLEROSIS**
C. Frantz, S. Pezet, Y. Allanore
- P.044** **FREE THIOL RESPONSE IN HYPOTHERMIA INDUCED RAYNAUD'S ATTACK: A MARKER OF OXIDATIVE STRESS**
A. Eman Abdulle, A.M. Van Roon, A.J. Smit, A. Pasch, M. Meurs, H. Bootsma, B.O. Fernandez, M. Feelisch, H. Van Goor, D.J. Mulder
- P.045** **PRELIMINARY REPORT OF AUTO-ANTIBODY PROFILES OF SYSTEMIC SCLEROSIS IN ASIAN PATIENTS; SYSTEMATIC REVIEW**
A. Ehsani, M. Salesi, H. Poormoghim
- P.046** **THE ROLE OF IL-17A IN THE INTERPLAY BETWEEN KERATINOCYTES AND FIBROBLASTS IN HUMAN SKIN WITHIN SYSTEMIC SCLEROSIS**
A.M. Dufour, M. Alvarez, M.E. Truchetet, N.C. Brembilla, C. Chizzolini
- P.047** **RNAI-BASED IDENTIFICATION OF NOVEL DRUG TARGETS TO REDUCE ENDOTHELIAL TO MESENCHYMAL TRANSITION (ENDOMT) IN HUMAN DERMAL MICROVASCULAR ENDOTHELIAL CELLS: A TARGET DISCOVERY APPROACH FOR SCLERODERMA**
C. Corallo, J. Benschop, M. Grimbergen, J. Crawford, J. Meuldijk, R.A.J. Janssen, N.E.R. Vandeghinste, N. Giordano, M.A. Tessari
- P.048** **WNT5A PROMOTES TISSUE FIBROSIS BY JNK-DEPENDENT ACTIVATION OF LATENT TGF-BETA**
C. Chen, T. Trinh-Minh, X. Xu, A. Soare, F. Groeber, A. Schambony, J. Distler
- P.049** **ACTIVATED STAT3 INTEGRATES IMPORTANT PROFIBROTIC PATHWAYS IN SYSTEMIC SCLEROSIS**
D. Chakraborty, B. Sumová, Cw. Chen, A. Distler, C. Bergmann, A. Ramming, O. Distler, G. Schett, L. Senolt, J.H.W. Distler

PATHOGENESIS

- P.050 BIASED INITIAL PHOSPHORYLATION OF BRUTON'S TYROSINE KINASE AND PHOSPHOLIPASE C GAMMA 2 FOLLOWING B CELL RECEPTOR ACTIVATION IN PATIENTS WITH INTERSTITIAL LUNG DISEASE ASSOCIATED TO SYSTEMIC SCLEROSIS**
M. Huerta Marfil, B. Chaigne, N. Dumoitier, C. Fernandez, P. Cohen, J.B. Fraison, J. London, R. Paule, A. Régent, N. Varin-Blank, L. Mouthon
- P.051 PROTEOMIC ANALYSIS OF HUMAN FIBROBLASTS IN SYSTEMIC SCLEROSIS REINFORCES THE ROLE OF TGF- β AND POINTS TOWARD EGFR / PI3K PATHWAYS INHIBITION**
B. Chaigne, G. Clary, M. Le Gall, N. Dumoitier, S. Lofek, P. Chafey, P. Moinzadeh, T. Krieg, C. Denton, L. Mouthon
- P.052 SERUM TRYPTOPHAN (TRP) AND KYNURENINE (KYN) LEVELS ARE ALTERED IN SSC AND SHOW DISTINCT CLINICAL AND AUTOANTIBODY ASSOCIATIONS SUGGESTING POTENTIAL ROLE IN PATHOGENESIS**
C. Campochiaro, S.D. Lytton, S. Nihtyanova, D. Fuchs, V.H. Ong, C.P. Denton
- P.053 CLINICAL CHARACTERISTICS OF SYSTEMIC SCLEROSIS WITHOUT SPECIFIC ANTIBODIES**
E.L. Callejas-Moraga, A. Guillén Del-Castillo, A. Marin-Sánchez, I. Sanz-Pérez, E. Balada, J. Martín, V. Fonollosa-Plà, C. Siméon-Aznar
- P.054 SYSTEMIC LUPUS ERITHEMATOSUS WITH POSITIVE ANTICENTROMERE ANTIBODIES - A DIFFERENT CLINICAL SUBGROUP?**
J. Caetano, C. Favas, M. Amaral, S. Oliveira, J.D. Alves
- P.055 AUTOIMMUNITY IN SCLERODERMA: A COMPARATIVE STUDY OF 8 AUTOANTIBODIES IN PATIENTS WITH SYSTEMIC SCLEROSIS, SYSTEMIC LUPUS ERYTHEMATOSUS AND HEALTHY CONTROLS**
A. Burlui, A. Cardoneanu, E. Rezus
- P.056 PREVALENCE AND CLINICAL SIGNIFICATION OF ANTI-BICD2 AUTOANTIBODIES IN A FRENCH COHORT OF SYSTEMIC SCLEROSIS PATIENTS**
C. Carcaud, M.E. Truchetet, P. Henrot, L. Zanardo, D. Barcat, J.P. Vernhes, J. Constans, J. Seneschal, E. Lazaro, M. Malher, C. Contin-Bordes
- P.057 DOT1L INHIBITION REDUCES THE PRO-FIBROTIC EFFECTS OF TGFB IN PRIMARY HUMAN DERMAL FIBROBLASTS AND INCREASES FIBROBLAST VIABILITY**
N. Berghen, E. De Langhe, R. Lories
- P.058 COLLAGEN V STIMULATES TGF-BETA AND ENDOTHELIN-1 EXPRESSION IN HUMAN FIBROBLASTS AND ENDOTHELIAL CELLS**
I. Begalli Mendes, S. Carrasco, A.P. Dos Santos Moreira, A.P. Velosa, C. Goldenstein-Schainberg, D. Frediane, W. Teodoro
- P.059 LES CARACTÉRISTIQUES ÉPIDÉMIOLOGIQUES, CLINICO-BILOGIQUES ET ÉVOLUTIVES DU SCLÉROLUPUS: A PROPOS DE 16 CAS**
I. Rachdi, W. Bani, Z. Aydi, F. Daoud, H. Zoubeidi, B. Ben Dhaou, F. Boussema
- P.060 AUTOIMMUNE DISEASES IN SYSTEMIC SCLEROSIS PATIENTS AND THEIR RELATIVES; A SINGLE CENTER DATA**
A. Balbir-Gurman, V. Shataylo, Y. Braun-Moscovici
- P.061 ASSESSMENT OF IN VITRO RESPONSES OF GAMMA/ DELTAT CELLS FROM PATIENTS WITH SYSTEMIC SCLEROSIS TO STIMULATION WITH CARDIOLIPIN AND ZOLENDRINATE**
A. Balbir-Gurman, I. Bank, P. Fisch, J. Villacorta Hidalgo, Y. Braun-Moscovici, H. Migalovich Sheikhet
- P.062 CXCL10 LEVEL AS POTENTIAL EARLY SERUM BIOMARKER IN SYSTEMIC SCLEROSIS**
C. Antinozzi, C. Corinaldesi, M. Vasile, V. Ricciari, G. Valesini, F. Marampon, F. Del Galdo, V. Raparelli, A. Lenzi, C. Crescioli
- P.063 CLINICAL ASSOCIATIONS OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN SYSTEMIC SCLEROSIS**
R. Alekperov, E. Alexandrova, A. Novikov, L. Ananyeva
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Bordeaux Convention Centre
Avenue Jean-Gabriel Domergue
33000 Bordeaux, France

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Free car park nearby
From train station Gare St Jean: 20 minutes
From airport: 20 min

By train

Arrival SAINT JEAN Train Station,
Go the Tramway line C
Stop: Palais des Congrès (40 min)

By plane

Take Bus Shuttle to downtown, then tramway line C

ORGANIZING SECRETARIAT

AIM Group International - Florence Office

Viale G. Mazzini, 70 - 50132 Florence, Italy
Tel. +39 055 233881 - Fax +39 055 2480246
ssc2018@aimgroup.eu

Onsite the registration desk will be open for participants at the following times:

Thursday, February 15 from 11:30 to 20:00,

Friday, February 16 from 07:30 to 19:00

Saturday, February 17 from 07:30 to 18:00

REGISTRATION FEES (VAT 20% included)	Late fee and onsite
Physicians	€ 830,00
Young Investigators/ Fellows *	€ 365,00
Phd Basic Scientists**	€ 365,00
HP (Nurses and Physiotherapists)	€ 365,00
Medical Students***	€ 240,00

* For young doctors under 35 years of age.

Copy of the ID or passport is requested.

** For other scientists who are not Physicians and/or MD.

***These individuals must include a letter from their program director, chief of service or faculty advisor to be eligible for reduced fees.

Registration fees include:

Congress kit, access to the scientific sessions, admission to the exhibition and poster area, certificate of attendance, coffee breaks and working lunches as indicated in the programme, abstracts book and online subscription for two years to "Journal of Scleroderma and Related Disorders".

Registration fee for patients includes:

Congress kit, access to the Opening Ceremony of the medical congress, scientific sessions of the patient congress only, coffee breaks and working lunch as indicated in the patient programme. Patient registrations are not entitled to attend the medical congress.

CONGRESS BADGES

Each participant may collect the badge at the registration desk. Participants are kindly requested to wear their badge during all congress activities and social events.

No colour: Participants

Red colour: Invited Speakers and Chairpersons

Green colour: Exhibitors

Blue colour: Patients

INTERNET CONNECTION

Free wi-fi connection is available in all congress spaces.

Wifi: SSC2018

Password: SSC2018

LANGUAGE

The official language is English.

CATERING

Coffee breaks

Coffee breaks will be organized in the exhibition area, during the following times:

Friday, February 16 from 10:30 to 11:00 and from 17:25 to 17:50, *Saturday, February 17* from 10:10 to 10:40.

Lunches

A standing buffet lunch will be offered to all registered participants on *Friday, February 16* from 13:40 to 14:40 and on *Saturday, February 17* from 13:15 to 14:20 in the exhibition area.

CERTIFICATE OF ATTENDANCE

Certificates of attendance will be sent by email on Tuesday, February 20.

EXHIBITION

An exhibition will be open in the following days:

Thursday, February 15 from 15:00 to 19:30,

Friday, February 16 from 08:00 to 18:30,

Saturday, February 17 from 08:00 to 14:30.

SOCIAL PROGRAMME

Welcome Cocktail - Thursday, February 15

A welcome cocktail will be held after the Opening Lectures in the hall of the congress center for all registered participants and patients.

Congress Dinner - Friday, February 17

The seated Congress Dinner with buffet service will be held at “**Chateau Giscours**”, 10 Route de Giscours - Labarde.

Transfer by bus will be provided from Hotel Pullman Lac (in front of the congress center) **at 20:00**.

Remaining tickets will be sold at the “New registration” desk until **Friday, February 16** at 10:00.

SCIENTIFIC INFORMATION

Abstract sessions

Selected papers will be orally presented by the Authors.

Authors have the time indicated in the programme including the discussion.

Poster session

See information at page 22

Meet the Professor sessions

Meet the Professor sessions will be organized on *Friday, February 16* from 08:00 to 09:00 (see the scientific program - page 6) for young practicing physicians only, for a maximum of 20 participants each, on first come, first served basis.

Remaining places can be booked at the “New registration” desk.

Speaker Preview Room

Speakers are kindly requested to load their presentation slides in the Speaker Preview Room at least three hours before their presentation (or, if their session starts at 8:00, the previous day).

The opening hours of the **Speaker Preview Room** are:

Thursday, February 15 from 11:30 to 19:00,

Friday, February 16 from 07:30 to 18:30

Saturday, February 17 from 07:30 to 17:00.

The following facilities will be provided in the Speaker Preview Room:

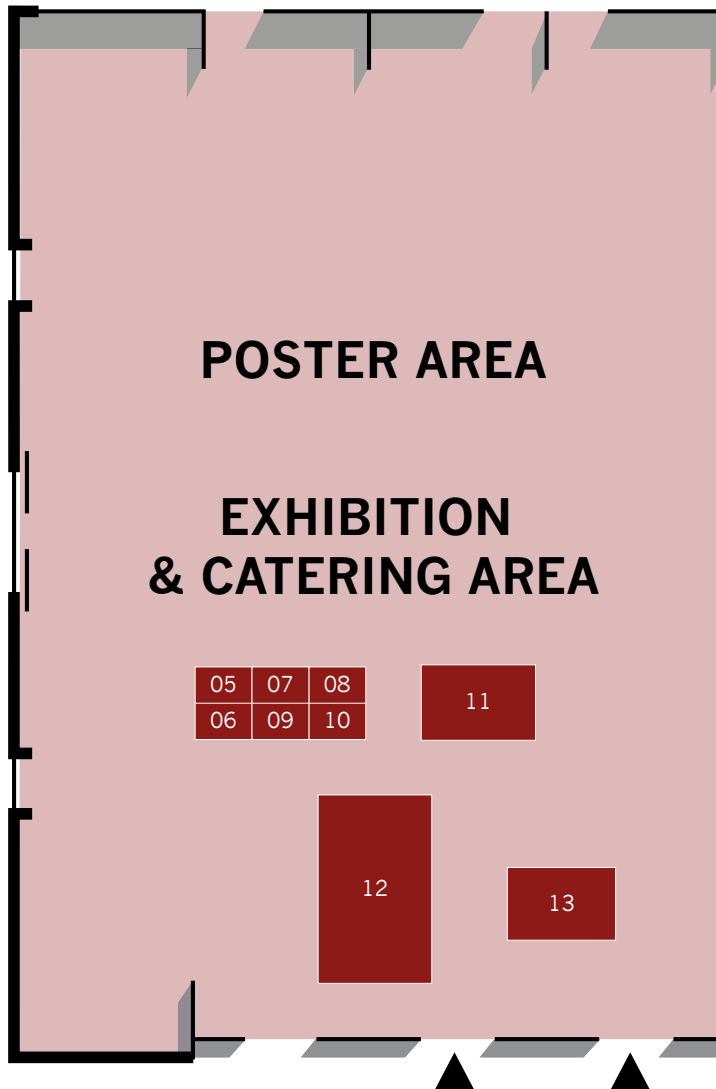
- computers (operating system Windows and MAC) to review, alter and upload the presentations to the server
- support by technical staff is available

The technicians will transfer the presentation to the corresponding Session Room. All speakers will easily find their presentations directly in the meeting room.

Abstract book

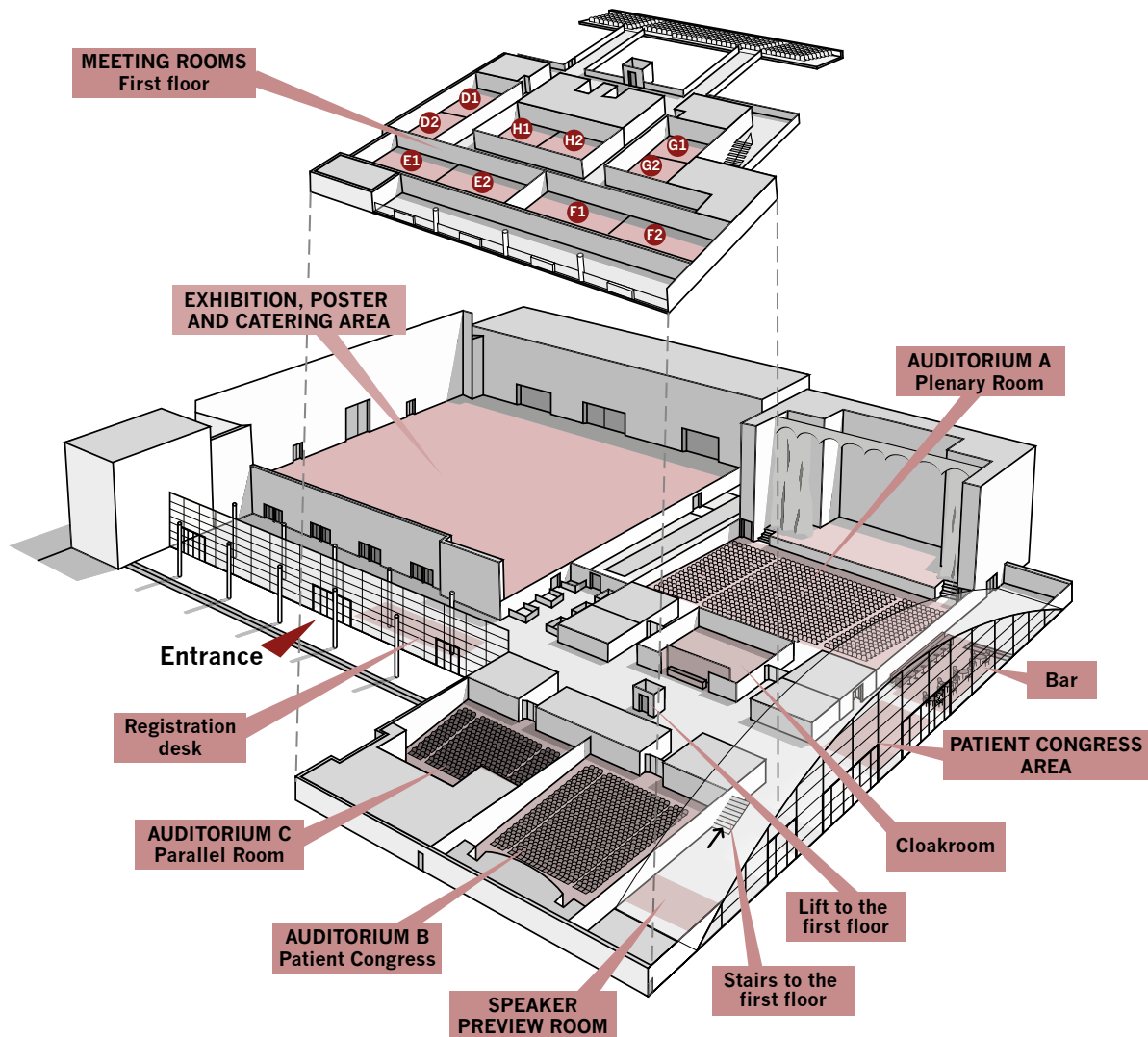
The abstracts of the oral presentations and posters are included in the Journal of Scleroderma and Related Disorders in the congress bag.

EXHIBITION FLOORPLAN



NO.	COMPANY
05	DS Medica
06	Inspectis AB
07	European Reference Network - SSc
08	Bayer France
09 - 10	World Scleroderma Foundation / EUSTAR / Journal of Scleroderma and Related Disorders
11	GlaxoSmithKline
12	Boehringer Ingelheim
13	Actelion

CONGRESS FLOORPLANS



NOTE



NOTE

2018 Update on Pulmonary Arterial Hypertension – Connective Tissue Disease

Saturday, 17 February 2018

12:15 – 13:15

Congress Satellite
Symposium Sponsored
by MSD and Bayer

Bordeaux Convention Centre
Auditorium A
Bordeaux, France

Chair: Dinesh Khanna (USA)

CHAIR

Dinesh Khanna

Professor of Medicine and
Rheumatology
University of Michigan
Ann Arbor, Michigan, USA

FACULTY

Oliver Distler

Professor of Rheumatology
University of Zurich
Zurich, Switzerland

Hossein Ardeschir
Ghofrani

Professor for Internal Medicine
Justus-Liebig University
Giessen, Germany

Marc Humbert

Professor of Respiratory Medicine
South Paris University
Le Kremlin-Bicêtre, France

Marco Matucci Cerinic

Professor of Rheumatology and
Medicine
University of Florence
Florence, Italy

AGENDA

12:15 – 12:20	Welcome and Opening Remarks	Dinesh Khanna
12:20 – 12:45	What's New in SSc? <ul style="list-style-type: none">• EUSTAR Predictors of dcSSc• Current EULAR Recommendations	Oliver Distler Marco Matucci Cerinic
12:45 – 12:55	Screening for and Diagnosing PAH in Systemic Sclerosis Patients	Hossein Ardeschir Ghofrani
12:55 – 13:05	sGC Stimulation in PAH-CTD Patients: Results From the Pivotal PATENT Study	Marc Humbert
13:05 – 13:15	Round Table and Q&A	Dinesh Khanna
13:15	Summary and Close	Dinesh Khanna



ACKNOWLEDGEMENTS

The Congress Organisers gratefully acknowledge support received from all exhibitors and the following sponsors:

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FRIDAY, 16 FEBRUARY 2018, 12:05 – 13:40
AUDITORIUM A, BORDEAUX CONGRESS CENTER

Timely and effective decisions in PAH-SSc

Co-Chairs

Yannick Allanore, Marco Matucci-Cerinic

12:05 – 12:10

Introduction

Yannick Allanore

12:10 – 12:30

Identification and treatment of PAH-SSc patients at an early disease stage

Dinesh Khanna

12:30 – 12:50

Utilization of risk assessment for the management of patients

Athénaïs Boucly

12:50 – 13:10

Double oral combination – The way forward for all PAH-SSc patients?

Daniel Dumitrescu

13:10 – 13:30

The role of the prostacyclin pathway in the treatment of PAH-SSc

Kristin B. Highland

13:30 – 13:40

Panel discussion

Marco Matucci-Cerinic

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Actelion Satellite Symposium

5th Systemic Sclerosis World Congress 2018
Bordeaux, France

Visit the ACTELION BOOTH NO. 13
to learn more about PAH & download the symposium key slides



Organizing Secretariat



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