

16th Dresden Symposium on Autoantibodies

**Achievements and Challenges in Research, Diagnostics and Therapy
of Autoimmune Diseases**

Dresden, September 12-15, 2023

**7th International Consensus on ANA Pattern (ICAP) Workshop
and Workshop on Harmonization of Autoantibody Detection**

September 11, 2023

Congress venue:

**Dresden Fair (Messe Dresden), Messering 6,
Portal (Tor) 3, 01067 Dresden**

Preliminary Program

MONDAY
SEPTEMBER 11

7th International Consensus on ANA Pattern (ICAP) Workshop

Co-Chairs: Luis E.C. Andrade (São Paulo, Brazil)
Manfred Herold (Innsbruck, Austria)

10.30-12.30

7th ICAP WORKSHOP PART I

10.30-10.35

Welcome and agenda

10.35-10.40

Nomination of Alan Wiik as ICAP honorary member

10.40-11.00

Detection of antinuclear antibodies: recommendations from EFLM, EASI and ICAP
Carolien Bonroy (Ghent, Belgium) and Martine Vercammen (Brussels, Belgium)

11.00-11.15

Heterogeneity in HEp-2 IFA pattern reporting and frequency worldwide - The HEp-2 CIC project
Trischna Martins Berger (Berlin, Germany), on behalf of the HEp-2 CIC project team

11.15-11.30

The ICAP App for cell phone
Wilson de Melo Cruvinel (Goiânia, Brazil)

11.30-11.40

How consistent are the associations of HEp-2 IFA pattern and autoantibody specificities
Diana Landoni (Montevideo, Uruguay)

11.40-12.00

Novel relevant autoantibodies and their HEp-2 IFA pattern association
Jan Damoiseaux (Maastricht, The Netherlands)

12.30-13.20

LUNCH BREAK

13.20-15.00

7th ICAP WORKSHOP PART II

13.20-14.00

Is ICAP ready to acknowledge and recommend the split of AC-2 pattern into AC-2a (bona fide DFS pattern) and AC-2b ("pseudo-DFS pattern")? PROS AND CONS debate

14.00-14.40

Exploring the limits in HEp-2 IFA pattern definition

- Low intensity fluorescence
- Limitations in the definition of inter-related patterns (AC-6/AC-7; AC/8/AC-9/AC-10; AC-11/AC-12)
- Patterns that do not fit into ICAP classification algorithm (mixed patterns, unclassified patterns) – how can we move forward?

14.40-15.00

ICAP's future projects

15.00-15.30

COFFEE BREAK

Harmonization of Autoantibody Determination

Co-Chairs: Ulrich Sack (Leipzig, Germany)
Martin Blüthner (Karlsruhe, Germany)

15.30-15.50

The need for harmonization in relation to the classification criteria
Lieve van Hoovels (Aalst, Belgium)

15.50-16.10

Harmonization of autoimmune serology in idiopathic inflammatory
myopathies
Jan Damoiseaux (Maastricht, The Netherlands)

16.10-16.30

ANA in autoimmune hepatitis: detection on HEp-2 cells versus
rodent tissues
Werner Klotz, Manfred Herold (Innsbruck, Austria)

16.30-16.50

Challenge of harmonization of antiphospholipid antibody detection
Pier Luigi Meroni (Milan, Italy)

16.50-17.10

Two decades of external proficiency testing in Germany - what can
we expect, what have we learned?
Martin Blüthner (Karlsruhe, Germany)

17.10-17.30

TBD

TUESDAY
SEPTEMBER 12

08.00-22.00

Registration

10.00-10.30

Welcome and Introduction

10.30-12.00

Keynote and Memory Lectures

10.30-11.15

From prediction to prevention of autoimmune disease development -
What is the current situation
Yehuda Shoenfeld (Tel Aviv, Israel)

11.15-11.30

Noel R. Rose (Baltimore, USA) - The father of autoimmunology
TBD

11.30-11.45

Allan S. Wiik (Copenhagen, Denmark) - The father of harmonization
Johan Rönnelid (Uppsala, Sweden)

11.45-12.00

Pierre Youinou (Brest, France) - A founder in the field of
immunopathology of autoimmune diseases
TBD

12.00-13.30

LUNCH BREAK – POSTER AND EXHIBITION VIEWING

Posters A1 – A...: Guided poster presentation of selected posters

13.30-15.00

**ROLE OF AUTOANTIBODIES IN THE PREDICTION AND
CLASSIFICATION OF AUTOIMMUNE DISEASES**

13.30-14.00

The importance of autoantibodies for diagnosis, prognosis and
classification of rheumatoid arthritis
Günter Steiner (Vienna, Austria)

14.00-14.20

Differentiation of idiopathic inflammatory myopathies by increasing
number of myositis specific and myositis associated autoantibodies
Fabricio Espinosa (Stockholm, Sweden)

14.20-14.40

New developments in the classification of the Antiphospholipid
Syndrome
Pier Luigi Meroni (Milan, Italy)

14.40-15.00

short presentations selected by submitted abstracts

15.00-16.00

COFFEE BREAK

16.00-18.00

**AUTOANTIBODY PROFILING IN AUTOIMMUNE DISEASES USING
PARTICLE-BASED MULTI-ANALYTE TECHNOLOGIES**
(sponsored by Werfen)

Co-Chairs: Marvin Fritzler (Calgary, Canada)
Michael Mahler (San Diego, USA)

- 16.00-16.30 Multi-analyte testing in autoimmunity: From early days to modern technologies
Michael Mahler (San Diego, USA)
- 16.30-17.00 Autoantibodies in Idiopathic Inflammatory Myopathies
Marvin Fritzler (Calgary, Canada)
- 17.00-17.20 Predicting progression from undifferentiated connective tissue disease to clinically overt disease using particle-based multi-analyte technology
Savino Sciascia (Torino, Italy)
- 17.20-17.40 Anti-PAD antibodies in diagnosis and management of Rheumatoid Arthritis
Laura Martinez-Prat (Madrid, Spain)
- 17.40-18.00 Novel autoantibodies in systemic sclerosis detected using multi-analyte testing
TBD
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- 18.00-22.00 **WELCOME RECEPTION with traditional and vegetarian Barbecue
IN THE INDUSTRIAL EXHIBITION - POSTER AND EXHIBITION VIEWING**

WEDNESDAY
SEPTEMBER 13

08.30-10.30 RESULTS TO DECISION MAKING: INCORPORATING LIKELIHOOD RATIOS (LR) WITHIN MEDICAL PRACTICE
(sponsored by Thermo Fisher Scientific)

Co-Chairs: Xavier Bossuyt (Leuven, Belgium)
Veena Joy (Freiburg, Germany)

- 08.30-08.40 Introduction
Veena Joy (Freiburg, Germany)
- 08.40-09.00 Current Landscape of LR - General use of LR in diagnosing Rheumatoid Arthritis
Kevin D. Deane (Denver, USA)
- 09.00-09.20 Practical application of LR within Rheumatoid Arthritis
Lieve van Hoovels (Aalst, Belgium)
- 09.20-09.40 LR in autoimmune diagnostics and Beyond - Personal experience with LR in practice
Xavier Bossuyt, Lieve Van Hoovels (Leuven, Belgium)
- 09.40-10.00 Industry Perspective on LR
Nina Olschowka (Freiburg, Germany)
- 10.00-10.25 Cross-Fire Discussion on LR
Moderator Veena Joy (Freiburg, Germany)
- 10.25-10.30 Conclusion
Veena Joy (Freiburg, Germany)

10.30-11.00 COFFEE BREAK - POSTER AND EXHIBITION VIEWING

11.00-12.30 SEROLOGY OF RHEUMATOID ARTHRITIS – UPDATE AND NEW AUTOANTIBODIES

- 11.00-11.25 Autoantibodies in Rheumatoid Arthritis – Laboratory and Clinical Perspectives
Johan Rönnelid (Uppsala, Sweden)
- 11.25-11.50 Pre-RA: Can early diagnosis lead to prevention?
Kevin D. Deane (Denver, USA)
- 11.50-12.05 Novel Autoantibodies in “seronegative” RA
Günter Steiner (Vienna, Austria)
- 12.05-12.30 short presentations selected by submitted abstracts
- 12.30-14.00 LUNCH BREAK – POSTER AND EXHIBITION VIEWING
Posters B1 – B.: Guided poster presentation of selected posters of the Candidates for the Dresden Prize

12.30-14.00	EASI FORUM MEETING (EASI members only) Location: Meeting room
14.00-15.30	NOVEL THERAPIES OF AUTOIMMUNE DISEASES
14.00-14.30	New hopes? Novel therapies for systemic autoimmune diseases <i>Martin Aringer (Dresden, Germany)</i>
14.30-15.00	CAR-T Cell therapy for refractory SLE <i>Georg Schett (Erlangen, Germany) TBC</i>
15.00-15.30	short presentations selected by submitted abstracts
15.30-16.00	COFFEE BREAK
16.00-18.00	SEROLOGY OF ANA ASSOCIATED RHEUMATIC DISEASES – UPDATE AND NEW AUTOANTIBODIES
16.00-16.25	Autoantibodies as stratification tools for prediction and treatment decisions in ANA associated rheumatic diseases <i>May Choi, Marvin Fritzler (Calgary, Canada)</i>
16.25-16.50	Controversies of anti-dsDNA testing <i>Jan Damoiseaux, Joyce van Beers (Maastricht, The Netherlands)</i>
16.50-17.10	Rare (new) autoantigens in systemic sclerosis and how to detect them <i>Jean-Baptiste Vulsteke, Xavier Bossuyt (Leuven, Belgium)</i>
17.10-18.00	short presentations selected by submitted abstracts

THURSDAY
SEPTEMBER 14

08.30-10.30

AUTOANTIBODY ASSOCIATED NEUROLOGICAL DISEASES

(sponsored by Euroimmun Medizinische Labordiagnostika AG,
Lübeck, Germany)

Co-Chairs: Josep Dalmau (Barcelona, Spain)
Klaus Peter Wandinger (Lübeck, Germany)

08.30-09.00

The antibody-mediated encephalitis - From discovery to new clinical insights and mechanisms
Josep Dalmau (Barcelona, Spain)

09.00-09.30

The clinical impact of antibody testing in Neurology
Klaus Peter Wandinger (Lübeck, Germany)

09.30-09.50

Discovery of autoantibodies in autoimmune neurological syndromes
Ramona Miske (Lübeck, Germany)

09.50-10.10

Anti-IgLON5 disease
Romana Höftberger (Vienna, Austria)

10.10-10.30

MOG associated disease
Frank Leypoldt (Kiel, Germany)

10.30-11.00

COFFEE BREAK - POSTER AND EXHIBITION VIEWING

11.00-12.50

SEROLOGY OF ORGAN SPECIFIC AUTOIMMUNE DISEASES – UPDATE AND NEW AUTOANTIBODIES

11.00-11.25

The expanding spectrum and utility of autoantigenic targets in membranous nephropathy
Tiffany Caza (Little Rock, USA) TBC

11.25-11.50

Autoantibodies in peripheral neuropathies – What are the news?
Christian P. Moritz (Saint-Etienne, France)

11.50-12.05

Novel autoantigen peptide epitopes as theranostic targets in incurable autoimmune blistering diseases
Simon Lytton (Munich, Germany)

12.05-12.50

short presentations selected by submitted abstracts

12.50-14.00

LUNCH BREAK – POSTER AND EXHIBITION VIEWING

Posters C1-C...: Guided poster presentation of selected posters
(Autoantibodies in organ specific autoimmune diseases)

14.00-15.30

EASI SYMPOSIUM: AUTOIMMUNE LIVER DISEASES

15.30-16.00

COFFEE BREAK

16.00-18.00

**INFECTION, VACCINATION AND THERAPY ASSOCIATED
AUTOIMMUNITY**

16.00-16.20

Update on autoimmune manifestations following immunization
Corrado Betterle (Padua, Italy) TBC

16.20-16.40

COVID-19 vaccination and the rate of autoimmune adverse events
Naim Mahroum (Istanbul, Turkey) TBC

16.40-17.00

Autoimmune thrombocytopenia induced by heparin and vaccination
Andreas Greinacher (Greifswald, Germany) TBC

17.00-17.20

Non-HLA antibodies and transplantation
Henny Otten (Utrecht, The Netherlands) TBC

17.20-17.40

Immune-related adverse events due to cancer immunotherapy with
checkpoint inhibitors - Incidence, clinical features and autoantibodies
Iñigo Gonzalez-Mazón (Santander, Spain) TBC

17.40-18.00

Hemidesmosomal reactivity and treatment recommendations in
immune checkpoint inhibitor-induced Bullous Pemphigoid
Franziska Schauer (Freiburg, German) TBC

18.15

**Departure by shuttle bus from the congress venue to the
Social Dinner venue**

19.00-22.00

Social Dinner

FRIDAY,
SEPTEMBER 15

08.30-10.30

**NEW INSIGHTS IN THE DIAGNOSIS AND PATHOPHYSIOLOGY OF
AUTOIMMUNE CHOLANGITIS AND INTESTINAL DISORDER**

(sponsored by Medipan GmbH, Dahlewitz, Germany)

Co-Chairs: Dimitrios Bogdanos (Larissa, Greece)
Dirk Roggenbuck (Dahlewitz, Germany)

08.30-09.00

Primary biliary cholangitis: the disease of 100 autoantibodies
Dimitrios Bogdanos (Larissa, Greece)

09.00-09.15

PR3-ANCA detected by third-generation ELISA predicts severe disease
and poor survival in primary sclerosing cholangitis
Dirk Roggenbuck (Dahlewitz, Germany)

09.15-09.30

Antimicrobial autoantigenic glycoprotein 2 in bile and gallstones
secreted by peribiliary glands - a novel autoimmune target in PSC
Steffi Lopens (Dahlewitz, Germany)

09.30-09.45

Molecular mimicry in primary biliary cholangitis accounts for disease-
specific anti-nuclear antibodies
Dimitrios Bogdanos (Larissa, Greece)

09.45-10.00

Loss of mucosal tolerance to glycoprotein 2 isoform 1 is a novel
diagnostic biomarker in cholangiocarcinoma without concomitant
primary sclerosing cholangitis
TBD

10.00-10.15

Human antimicrobial glycoprotein-2 expressed in Brunner glands – a
putative autoimmune target and link between Crohn's and celiac
disease
Martin Laass (Dresden, Germany)

10.15-10.30

Over-expression of LEDGF/p75 in HEp-2 cells enhances autoimmune
IgG response in patients with benign prostatic hyperplasia - a novel
diagnostic approach with therapeutic consequence?
Victoria Liedtke (Senftenberg, Germany)

10.30-11.00

COFFEE BREAK - POSTER AND EXHIBITION VIEWING

11.00-12.30

CHALLENGES AND ADVANCES IN AUTOANTIBODY DETECTION

11.00-11.25

Identification of autoantibodies recognizing conformational epitopes
by immunoprecipitation – mass spectrometry
Xavier Bossuyt, Jean-Baptiste Vulsteke (Leuven, Belgium)

11.25-11.50

Autoantigenomics: Exploring patterns in the repertoires of
autoantibody-targeted proteins
Christian P. Moritz (Saint-Etienne, France)

11.50-12.05

A comparison of methods for the detection of anti-cN1A
autoantibodies in patient ser
Ger J. M. Pruijn (Nijmegen, The Netherlands)

12.05-12.30

short presentations selected by submitted abstracts

- 12.30-13.30 LUNCH BREAK – POSTER AND EXHIBITION VIEWING
- 13.30-14.30 UPDATE ON ANTI-DFS70 AND OTHER EXCEPTIONAL AUTOANTIBODIES**
- 13.30-13.50 Recent advances on the biology of the DFS70/LEDGFp75 autoantigen: clues for understanding the significance of the anti-DFS autoantibody response.
Carlos Casiano (Loma Linda, USA)
- 13.50-14.10 Anti-DFS70 autoantibodies: is there any evidence in support of underlying molecular mimicry?
Dimitrios Bogdanos (Larissa, Greece)
- 14.10-14.30 Human autoantibodies underlying infectious diseases
Jean-Laurent Casanova (Paris, France) TBC
- 14.30-15.00 Dresden Prize Award Ceremony & Conclusion**
- 15.00-16.00 FAREWELL COFFEE BREAK