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## FEBRUARY 12, 2021

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## POSTERS

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## GENERAL INFORMATION

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Stand: 9 February, 2021
Dear colleagues,

the EHSF e.V. celebrates 15 years of fascinating work mirrored in a current publication of 43 coauthors (Exp Dermatol 2020;29:1154–70), which summarized ongoing hidradenitis suppurativa (HS) research and clinical activities around the globe.

After the international thematic conferences in Dessau (2006), San Francisco (2009), Brussels (2014 and 2015), Berlin (2016), Copenhagen (2017), Rotterdam (2018), Wroclaw (2019) and Athens (2020) we had planned to organize the 10th International EHSF Conference as a worldwide face-to-face event. The pandemic has obliged us, however, to offer a virtual event, which is a new experience for us and, despite of that, is going to fulfill our target to provide a high level scientific event on the ongoing and future research development and innovations on HS. Moreover, we want to achieve our initial purpose to encourage international cooperation in the field.

Since the legentary, pioneer days many things have changed to the better. The interest to the disease and the scientific work performed by increasing numbers of clinician and scientists have grown exponentially. HS has found its home in dermatology. Patients have been organized in several national self-aid groups. A first compound for medical treatment has been registered with many more currently being into clinical studies. At last, the EHSF e.V. has grown up, providing significant contributions in the field through valuable cooperative works of its members in discovering the molecular etiology, comorbid factors and biomarkers, and establishing diagnostic and classification criteria, outcome measure instruments and guidelines for the treatment of the disease.
These huge developments, which supported a better understanding of HS and the needs of medical and psychological care of HS patients but also the targets for the years to come will be the central subjects of this scientific event. Parallely, EHSF e.V. opens its doors to invite all caring physicians and scientists, independently of their specialization, to participate, since the emerging comorbidity of HS requires an interdisciplinary approach. Our purpose is to construct a scientific programme of high impact providing current information on research and clinical relevance on HS. The invited speakers and those chosen among you, who will submit abstracts, include both experts in the field, who are motivators for young upcoming specialists, but also young scientists and students working or wishing to work in this fascinating field in the future as well as the partners of the pharmaceutical industry, who are active in the field.

Participants will have the opportunity to share their knowledge and perspectives and to gain a better insight in HS. We have no doubt that your virtual journey to Europe will be an interesting experience and we will make our best efforts that your scientific expectations and networking wishes will be fulfilled.

On behalf of the EHSF e.V.
Prof. Dr. med. Prof. honoraire Dr. h.c. Christos C. Zouboulis, Dessau
ABOUT EHSF

OUR HISTORY
Founding of HSF, Inc.

In 2005, Mrs. Michele Barlow, a patient from San Diego, CA, USA, organized first funding to initiate the Hidradenitis Suppurativa Foundation, Inc. (HSF, Inc.), a tax-deducted organization according to the US law. In addition to Mrs. Barlow as president and co-founder, the first board of HSF Inc. included Mr. Robert Howes, San Diego, CA, USA, vice president and co-founder, Prof. Dr. Ralf Paus, Luebeck, Germany, director of basic research and co-founder, Prof. Dr. Christos C. Zouboulis, Dessau, Germany, director of clinical research and co-founder, Mrs. Christine E. Pasela, San Diego, CA, USA; Mrs. Sylvia Shawcross, Chelsea, Quebec, Canada; Mrs. Mary Veta, San Diego, CA, USA; and Mrs. Lynn Edward Wedell, San Diego, CA, USA. Experimental Dermatology became the official scientific journal of the HSF, Inc.

1st INTERNATIONAL HIDRADENITIS SUPPURATIVA RESEARCH SYMPOSIUM

The 1st International Hidradenitis Suppurativa Research Symposium took place on 30.03 - 02.04.2006 in Dessau, Germany. The milestones of the Symposium were the so-called Dessauer definition of the disease and the HSF 2006 Outstanding Investigator Award presented to Prof. Gregor B. E. Jemec. The attendees of this legendary meeting were Dr. David R. Adams, USA; Dr. Andreas Altenburg, Germany; Mrs. Michelle Barlow, USA; Dr. Martina Brunner, Germany; Dr. George Cotsarelis, USA; Dr. William Danby, USA; Dr. Alain Dupuy, France; Dr. Sabine Fimmel, Germany; Dr. Wolfgang Hartschuh, Germany; Dr. Dolores Herreros, Spain; Dr. Dorothee Hochheim, Germany; Mr. Robert Howes, USA; Dr. Peter Hull, Canada; Dr. Gregor Jemec, Denmark; Dr. Yvonne Kroening, Germany; Dr. Ichiro Kurokawa, Japan; Dr. Hjalmar Kurzen, Germany; Dr. Evgenia Makrantonaki, Germany; Dr. Anirban Mandal, UK; Dr. Lynette Margesson, USA; Dr. Wolfgang C. Marsch, Germany; Dr. W.H. Irwin McLean, Scotland; Dr. Samuel L. Moschella, USA; Dr. Ralf Paus, Germany; Dr. Uppala Radhakrishna, USA; Dr. Jean Revuz, France; Dr. Jihai Shi, Germany; Dr. Rodney Sinclair, Australia; Dr. John Sundberg, USA; Dr. Gilles Tachon, France; Dr. Antje Thielitz, Germany; Dr. Athanasios Theodoridis, Germany; Dr. Frangiski Tsatsou, Germany; Dr. Jan von der Werth, UK; and Dr. Christos C. Zouboulis, Germany.

LAST HSF, INC. BOARD WITH EUROPEAN PARTICIPATION

On 15.02.2012 a new HSF, Inc. board was elected (and re-elected on 11.02.2018) with Prof. Dr. Christos C. Zouboulis, Dessau, Germany, President and responsible for hidradenitis suppurativa/acne inversa guidelines, Prof. Gregor B.E. Jemec, Copenhagen, Denmark, vice president and responsible for clinical research, Prof. Dr. Ralf Paus, Luebeck, Germany/Manchester, UK, vice president and responsible for experimental research, Mrs. Michelle Barlow, San Diego, CA, USA (former president,
ex officio), treasurer and responsible for the Foundation, Prof. Richard Gallo, San Diego, CA, USA, Dr. Ichiro Kurokawa, Nishinomiya, Japan, Dr. George Varigos, Melbourne, Australia, Dr. Jan Lapins, Stockholm, Sweden, Dr. Paul Hazen, Westlake, OH, USA, responsible for patients’ communication and for the HSF Inc. website, Thomas Winkler, Germany, patients’ representative, president Deutsche Interessengemeinschaft Akne inversa e.V., and Dr. Hessel H. van der See, Rotterdam, The Netherlands.

Despite the excellent and close cooperation among the involved scientists, the European Board members have recognized that bureaucratic issues in the USA made it more and more difficult for non-US citizens to run efficiently a US association. Therefore, Prof. Zouboulis resigned as HSF, Inc. president and member of the board on 27.02.2013 followed by Prof. Paus, leaving the leadership of the HSF, Inc. to US colleagues with Dr. Paul Hazen as new HSF, Inc. president from 02.03.2013. During its first meeting on 24.03.2014 the new HSF, Inc. board has granted Mrs. Michelle Barlow, Prof. Christos C. Zouboulis and Prof. Ralf Paus the honorary Founders HSF, Inc. Membership.

INAGURATION OF EHSF E.V.

The European Hidradenitis Suppurativa Foundation e.V. (EHSF e.V.) has been inaugurated on 29.09.2012 in Prague, Czech Republic as independent, sister society of HSF, Inc. The EHSF e.V. has been registered and recognized as a non-profit, public benefit organization (gemeinnuetziger e.V.) according to the German law. General assemblies, take place annually during the annual International Conference of the Society.

FOUNDING MEMBERS

- Dr. Jurr Boer, Deventer/The Netherlands
- Prof. Dr. Veronique del Marmol, Brussels/Belgium
- Dr. Nemesha Desai, London/United Kingdom
- Dr. Deirdre Nathalie Dufour, Kalundborg/Denmark
- Dr. Łukasz Matusiak, Wroclaw/Poland
- Prof. Dr. Thrasivoulos Tzellos, Harstad, Troms/Norway
- Thomas Winkler, Lüdinghausen/Germany
- Dr. Hessel H. van der Zee, Rotterdam/The Netherlands
- Prof. Dr. Christos C. Zouboulis, Dessau-Rosslau/Germany

CONGRESSES

The 2nd International Hidradenitis Suppurativa Research Symposium took place on 05.03.2009 in San Francisco, IL, USA.

The 3rd International Hidradenitis Suppurativa Research Symposium (first of the EHSF e.V.) took place on 27.–28.02.2014 in Brussels, Belgium.

The 4th International Hidradenitis Suppurativa Research Symposium took place on 19.–20.02.2015 in Brussels, Belgium.
The 5th International Hidradenitis Suppurativa Conference, which was for the first time also open for non-members of the Society, took place on 10.–12.02.2016 in Berlin, Germany with 192 participants and 76 scientific contributions.

The 6th International Hidradenitis Suppurativa Conference took place on 8.–10.02.2017 in Copenhagen, Denmark with 202 participants and 77 scientific contributions.

The 7th International Hidradenitis Suppurativa Conference took place on 10.–12.02.2018 in Rotterdam, The Netherlands with more than 250 participants and 82 scientific contributions.

The 8th International Hidradenitis Suppurativa Conference took place on 10.–12.02.2019 in Wroclaw, Poland with 406 participants and 119 scientific contributions.

The 9th International Hidradenitis Suppurativa Conference took place on 5.–7.02.2020 in Athens, Greece. 422 participants from 48 countries with 137 scientific contributions participated at the conference.

The 10th International Hidradenitis Suppurativa Conference takes place – due to the COVID-19 pandemic – at a digital mode – 10.–12.02.2021. 141 scientific contributions will be presented and over 638 participants have been registered so far.

The 10th virtual conference of the EHSF was certified by the Medical Association of Saxony-Anhalt with 16 CME.

OUR GOALS

- The European Hidradenitis Suppurativa Foundation e.V. (EHSF e.V.) pursues exclusively and directly charitable purposes within the meaning of the “tax-privileged purposes” of the tax code. Goal of the association is the promotion of science and research in field of the disease hidradenitis suppurativa/acne inversa.

- The goal of the association is raising funds for the promotion of research projects in the field of the disease hidradenitis suppurativa/acne inversa also to be achieved by support from other tax-exempt entities, public corporations or foreign entities whose activity is in line with the German Charity Law.

- Goal of the association is also the training of physicians, patients and laypersons.

- These goals are to be achieved
  - through raising funds for the support of scientific meetings for education of physicians, patients and laypersons also from other tax-exempt bodies, public corporations or foreign corporations whose business is through raising funds for the support of scientific meetings for continuing education of physicians, patients and laypersons in accordance with the German Charity Law,
  - through lectures of educational character and
  - through public relations. Goal of the association is also raising funds for the promotion of public health care in the field of the disease hidradenitis suppurativa/acne inversa also from other tax-exempt entities, public corporations or foreign corporations whose activities are in line with the German non-profit law.
WEBINAR SERIES

360° Perspectives on Challenging HS Cases:
What happened next?

Wednesday, 10 February 2021

Join us for our webinar series and find out from a panel of 14 international expert dermatologists specializing in hidradenitis suppurativa (HS) what happened after these patients started treatment.

**Sofia**
Highly inflammatory
10:00 CET

- Dr. Ruaa Al Harity (Saudi Arabia)
- Dr. Pierre-André Becherel (France)
- Dr. Nobukazu Hayashi (Japan)
- Dr. Maria Cecilia Rivitti Machado (Brazil)

**Adam**
Combination therapy
14:00 CET

- Dr. Monika Arenbergerova (Czechia)
- Dr. Falk Bechara (Germany)
- Dr. Vincenzo Bettoli (Italy)
- Dr. Antonio Martorell (Spain)
- Dr. Laura Savage (UK)
- Dr. Thrasyvoulos Tzellos (Norway)
- Dr. Hessel van der Zee (Netherlands)
- Dr. Lukasz Matusiak (Poland)
- Dr. Saxon Smith (Australia)
- Dr. Mariano Suppa (Belgium)

WATCH WEBINAR
The Department of Dermatology, Hôpital Erasme, Université Libre de Bruxelles, Bruxelles, Belgium; the Department of Dermatology, Zealand University Hospital, University of Copenhagen, Roskilde, Denmark; the Departments of Dermatology, Venereology, Allergology and Immunology, Dessau Medical Center, Brandenburg Medical School Theodor Fontane and Faculty of Health Sciences Brandenburg, Dessau, Germany; and the Department of Dermatology, Erasmus University Medical Center, Rotterdam, The Netherlands are health care providers of the European Reference Network of Rare and Complex Skin Diseases (ERN Skin).
SCIENTIFIC COMMITTEE

Farida Benhadou (Brussels)  
Vincenzo Bettoli (Ferrara)  
Angel S. Byrd (Washington DC)  
Nisha S. Chandran (Singapore)  
Veronique del Marmol (Brussels)  
John W. Frew (Sydney)  
Evangelos J. Giamarellos-Bourboulis (Athens)  
Katalin Glasenhardt (Szeged)  
Philippe Guillem (Écully)  
Wayne Gulliver (St. John's)  
Barbara Hórvath (Groningen)  
Sophie Hue (Créteil)  
John R. Ingram (Cardiff)  
Gregor B.E. Jemec (Roskilde)  
Olivier Join-Lambert (Caen)  
Joslyn S. Kirby (Hershey)  
Mark G. Kirchhof (Ottawa)  
Antonio Martorell (Manises)  
Angelo V. Marzano (Milan)  
Łukasz Matusiak (Wroclaw)  
Luigi, Naldi (Bergamo)  
Georgios Nikolakis (Dessau)  
Elizabeth O’Brien (Montreal)  
Maurizio Podda (Darmstadt)  
Errol P. Prens (Rotterdam)  
Ditte M. Saunte (Roskilde)  
Andrea Szegedi (Debrecen)  
Thrasyvoulos Tzellos (Bodø)  
Kelsey R. Van Straalen (Rotterdam)  
Baoxi Wang (Peking)  
Thomas Wild (Dessau)  
Hessel H. van der Zee (Rotterdam)  
Christos C. Zouboulis (Dessau)
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| 10.00-11.30  | AbbVie Satellite Symposium  
360° perspectives on challenging HS cases: Sophia, High Inflammatory. What happened next? |
| 14.00-15.30  | AbbVie Satellite Symposium  
360° perspectives on challenging HS cases: Adam, Combination Therapy. What happened next? |
| 15.30-18.00  | Patient Association Representatives Chat Room                         |

10th EHSF Conference Abstract Book  
Poster Viewing
08.00-18.00  Sponsor Exhibition (digital booths) – Meetings with Sponsor Representatives

10.00–11.30  AbbVie Satellite Symposium
360o perspectives on challenging HS cases: Sophia, High Inflammatory. What happened next?
Christopher Savage (Altamonte Springs),
Thrasyvoulos Tzellos (Bodo),
Maria Rivitti Machado (Sao Paolo),
Pierre-Andre Becherel (Antony),
Hessel H. van der Zee (Rotterdam),
Nobukazu Hayashi (Tokyo),
Ru’aa Alharithy (Riyadh)

14.00–15:30  AbbVie Satellite Symposium
360o perspectives on challenging HS cases: Adam, Combination Therapy. What happened next?
Antonio Martorell (Manises)
Mariano Suppa (Brussels),
Falk G. Bechara (Bochum),
Manika Arenbergerova (Prague), Saxon D. Smith (Gosford),
Łukasz Matusiak (Wroclaw),
Vincenzo Bettoli (Ferrara)

15.30–18.00  Patient Association Representatives Chat Room
Coordination:
Farida Benhadou (Brussels), Philippe Guillem (Écully)
Participants (until 31.01.2021):
Belgian HS Patients Association, Deutsche Akne Inversa Patientenvereinigung, Dutch HS Patient Organisation, HS Connect USA, HS International Sweden, Irish HS Patients Organization, mullewupp Akne inversa Selbsthilfe e.V., Norwegian HS Patients Organization, Patientforeningen HS Danmark
### Thursday, February 11, 2021

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<td>Scientific Session 2b – Basic and Translational Experimental Research (Genetics, Immunology, Biomarkers Comorbidities, Registries)</td>
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<td>Coordination:</td>
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<td>Shani Fisher (Tel Aviv),</td>
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<td>Veronique del Marmol (Brussels)</td>
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<td>(Clinical Phenotypes, Outcome Measures)</td>
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<td>- to communicate new data on HS epidemiology, clinical phenotypes and</td>
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<td>- to present the development on more robust outcome measures</td>
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<td>- to present new physician- and patient-supporting assessment</td>
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<td>Afsaneh Alavi (Rochester),</td>
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<td>Jacek C. Szepietowski (Wroclaw)</td>
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<td><strong>Epidemiology of hidradenitis suppurativa</strong></td>
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<td>John R. Ingram (Cardiff)</td>
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<td><strong>Hidradenitis suppurativa phenotypes</strong></td>
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<td>Hessel van der Zee (Rotterdam)</td>
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<td><strong>Phenotypes of hidrosadenitis suppurativa</strong></td>
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<td>Luigi Naldi (Bergamo)</td>
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<td><strong>Comorbidities of hidradenitis suppurativa: epidemiological</strong></td>
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<td>Katalin Glasenhardt (Szeged)</td>
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Comorbidities of hidradenitis suppurativa: Interpretation and clinical implications
John W. Frew (Sydney)

Structured patient-reported quantifiable records as outcome measures
Gregor B.E. Jemec (Roskilde)

Development and validation of a IHS4 dichotomous outcome to assess treatment effect

Hidradenitis suppurativa phenotypes, classification, refined Hurley
Barbara Hórvath (Groningen)

DLQI scores in hidradenitis suppurativa patients

Pain in hidradenitis suppurativa
Elisabeth O’Brien (Montreal)

Pain Index: A new prospective hidradenitis suppurativa patient-reported outcome measure instrument
Christos C. Zouboulis (Dessau)

Impact of individual lesions of hidradenitis suppurativa in the quality of life
Maria Mouktaroudi, V. Tzanetakou, S. Micha, A. Bolanou, T. Kanni, S. Rellou, E.J. Giamarellos-Bourboulis (Athens)

Convergent validity of suffering and quality of life as measured by the Hidradenitis Suppurativa Quality of Life
Christoffer Kursawe Larsen, R. Kjørsgaard Andersen, J. Kirby, J. Tan, D.M.L. Saunte, G.B.E. Jemec (Roskilde/Hershey/London(ON))
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<tr>
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<td>13.45–15.15</td>
<td><strong>Poster Session</strong></td>
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| 15.15–17.15| **Scientific Session 2a – Basic and Translational Experimental Research (Genetics, Immunology, Biomarkers Comorbidities, Registries)**

Main learning objectives of this session are

- to learn what is new on HS genetics and biomarker research
- to evaluate specific fields of HS, such as syndromic and pediatric varieties
- to communicate the current status and procedures in the development of HS registries and how they can support HS research

Chairs:
Gregor B.E. Jemec (Roskilde),
Veronique del Marmol (Brussels)

**Biomarkers in hidradenitis suppurativa**
Andrea Szegedi (Debrecen)

**Involvement of the innate immune system in the hidradenitis suppurativa pathogenesis**
Sophie Hue (Créteil)

**Stage-dependent autoantibodies and promotion of proinflammatory cytokines in hidradenitis suppurativa**

**No evident systemic terminal complement pathway activation in hidradenitis suppurativa**

**The dose-response relationship between tobacco smoking and hidradenitis suppurativa**
Axel P. Villani, L. Donzier, F. Benhadou, P. Guillem (Lyon/Paris/Brussels)
Comparison of insulin resistance between hidradenitis suppurativa and psoriasis patients on anti-TNF-α therapy omitting confounding factors
Elia Rosi, M.T. Fastame, A. Di Cesare, F. Ricceri, F. Prignano (Florence)

Syndromic hidradenitis suppurativa – part 1
Angelo M. Marzano (Milan)

Syndromic hidradenitis suppurativa – part 2
Georgios Nikolakis, K. Kaleta, C.C. Zouboulis (Dessau/Krakow)

Intermission

Scientific Session 2b – Basic and Translational Experimental Research (Genetics, Immunology, Biomarkers Comorbidities, Registries)

Chairs:
Ditte M.L. Saunte (Roskilde),
Thrasyvoulos Tzellos (Bodø)

Main learning objectives of this session are
- to learn what is new on HS genetics and biomarker research
- to evaluate specific fields of HS, such as syndromic and pediatric varieties
- to communicate the current status and procedures in the development of HS registries and how they can support HS research

Improvement of cytokine production capacity from mononuclear cells of patients with hidradenitis suppurativa with the addition of secukinumab
Styliani Micha, D. Stergianou, V. Tzanetakou, T. Kanni, T. Gkavogianni, E.J. Giamarellos-Bourboulis (Athens)

Complement split product C5a is elevated in moderate and severe hidradenitis suppurativa: clinical improvement by targeted therapy coming from the SHINE Study
Pediatric hidradenitis suppurativa: epidemiology and comorbidities  
Ditte M.L. Saunte (Roskilde)

Pediatric hidradenitis suppurativa - therapeutic management  
Farida Benhadou (Brussels)

Whole exome sequencing of 12 unrelated PASH patients suggests the classification of syndromic hidradenitis suppurativa as an autoinflammatory keratinization disease  

CRISPR-Cas9 correction of a NCSTN mutation associated with Hidradenitis Suppurativa and Dowling-Degos Disease (DDD) in an induced pluripotent stem cell line (IMRB_06-06) supports NCSTN as novel gene for DDD  
Cécile Nait-Meddour, S. Garcovich, O. Feraud, P.M. Tricarico, S. Crovella, K. Perris, M. Boniatto (Créteil/ Rome/ Trieste/ Doha)

Registries - a review  
Veronique del Marmol (Brussels)
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<td>Scientific Session 3 – HS around the World (Selected International Contributions)</td>
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<td>11.00-13.00 (CET)</td>
<td>Scientific Session 4a – Treatment Innovations (Clinical Trials, Local Treatment, Systemic Treatment, Surgical Treatment, Imaging)</td>
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<td>Scientific Symposium on Hidradenitis Suppurativa Treatment Target Molecules and Anti-COVID-19 Measurements (supported by AbbVie)</td>
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<td>15.00-18.00 (CET)</td>
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# Scientific Session 3 – HS around the World (Selected International Contributions)

Main learning objectives of this session are:
- to communicate specific issues on HS epidemiology, clinical picture and treatment in different populations and geographic areas of the world
- to exchange the knowledge development and built up and corroborate international cooperations

Chairs:
Joslyn Sciacca Kirby (Hershey).
Francesca Prignano (Florence)

### South Asian perspective

*Nisha Suyien Chandran (Singapore)*

A nation-wide clinic-based cross-sectional epidemiological study of hidradenitis suppurativa in China
*Baoxi Wang (Peking)*

### The prevalence of hidradenitis suppurativa in an obese Australian population

*Kirsty J.L. Wark, A. Tatian, J. Woods, J. Franklin, S. Hocking, T. Markovic, E. Manson, I. Caterson, G. Cains (Liverpool(A)/Camperdown)*

### Hidradenitis suppurativa in Saudi Arabia, quality of life measures

*Yousef Binamer, Riyadh*

### USA perspective

*Joslyn Sciacca Kirby (Hershey)*

### Canadian perspective

*Mark G. Kirchhof (Ottawa)*
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| 11.00-13.00| Scientific Session 4a – Treatment Innovations (Clinical Trials, Local Treatment, Systemic Treatment, Surgical Treatment, Imaging) | - Main learning objectives of this session are  
  - to summarize the new evidence on biologic, systemic and surgical treatments, their implications in daily clinical practice and how they can shape current treatment strategies and promote better combination of medical and surgical approaches.  
  - to provide an overview of the current pipeline (phase 2 and 3 studies)  
  - to discuss how imaging could facilitate rational treatment decision making  
- Chairs:  
  - Brian Kirby (Dublin),  
  - Aude Nassif (Paris)  
- Effect of antibiotics in hidradenitis suppurativa: addressing the age-old dogmas of antibiotic use in skin inflammatory diseases - Part I  
  - Kelsey R. van Straalen (Rotterdam)  
- Effect of antibiotics in hidradenitis suppurativa: addressing the age-old dogmas of antibiotic use in skin inflammatory diseases: part 2  
  - Join-Lambert (Caen)  
- The bacterial microbiome of early inflammatory nodules in hidradenitis suppurativa: an exploratory cross-sectional study  
  - Simone Garcovich, F. De Maio, C. De Simone, B. Posteraro, K. Peris, M. Sanguinetti (Rome)  
- Response to targeted antibiotherapy in 43 hidradenitis suppurativa patients after failure of a biotherapy  
- Intravenous antibiotics as adjunctive treatment in severe hidradenitis suppurativa: quick to respond, quick to relapse  
  - Anna Dubois, S. Ball, S. Meggitt, P. Hampton (Newcastle upon Tyne)  |
11.00–13.00

**Short courses of ertapenem as a part of conservative treatment strategy in severe hidradenitis suppurativa**

E.H. Hristakieva, T.T. Gancheva, K.L. Manuelyan, R.V. Lavcheva, Radostina S. Deliyska (Stara Zagora)

**LAight® therapy improves hidradenitis suppurativa**

Łukasz Matusiak (Wroclaw)

**Evaluation of barriers to therapeutic drug monitoring in the management of hidradenitis suppurativa**

Yuval Hilerowicz, N. Levin, J. Palmar, A. Halavi, H. Lev-Tov (Tel Aviv/Miami/Minnesota/Toronto/Boca Raton)

13.00–15.00

**Scientific Symposium on Hidradenitis Suppurativa Treatment Target Molecules and Anti-COVID-19 Measurements (supported by AbbVie)**

Chairs:
Errol P. Prens (Rotterdam),
Christos C. Zouboulis (Dessau)

**Part I. HS Treatment Target Molecules**

**Introduction**

Errol Prens (Rotterdam)

**IL-1α/IL-1αR**

Evangelos J. Giamarellos-Bourboulis (Athens)

**IL-17A/IL-17A,F/IL-17R**

Errol P. Prens (Rotterdam)

**IL-23/IL-36**

Gregor B.E. Jemec (Roskilde)

**JAK**

John W. Frew (Sydney)

**S100A/IRAK/CXCR**

Angelo V. Marzana (Milan)

**C5a/C5aR**

Christopher J. Sayed (Chapel Hill)

**Hormones/Metformin**

Georgios Nikolakis (Dessau)
13.00–15.00  
**PDE4/G-CSF-R**  
*Kerstin Wolk (Berlin)*

**Discussion**  
*Coordination: Veronique del Marmol (Brussels), Thrasyvoulos Tzellos (Bodø)*

**Summary**  
*Christos C. Zouboulis (Dessau)*

**Part II. Anti-COVID-19 Measurements**

**Introduction**  
*Christos C. Zouboulis (Dessau)*
1. Are HS patients more or less COVID-19 susceptible?  
2. Are HS patients under biologics treatment more or less COVID-19 susceptible?  
3. Should HS patients be Anti-SARS-Co2-vaccinated?  
4. Should biologics treatment interrupted for Anti-SARS-Co2-vaccination?  
*Vincenzo Bettoli (Ferrara), Evangelos J. Giamarellos-Bourboulis (Athens)*

**Discussion**  
*Coordination: Gregor B.E. Jemec (Roskilde), Angelo V. Marzano (Milan)*

15.00–18.00  
**Scientific Session 4b – Treatment Innovations (Clinical Trials, Local Treatment, Systemic Treatment, Surgical Treatment, Imaging)**

Main learning objectives of this session are  
- to summarize the new evidence on biologic, systemic and surgical treatments, their implications in daily clinical practice and how they can shape current treatment strategies and promote better combination of medical and surgical approaches.  
- to provide an overview of the current pipeline (phase 2 and 3 studies)  
- to discuss how imaging could facilitate rational treatment decision making  

**Chairs:**  
*Evangelos J. Giamarellos-Bourboulis (Athens), Alejandro Molina Leyva (Granada)*
15.00–18.00

Update on clinical trials in hidradenitis suppurativa
Wayne P. Gulliver (St. John’s)

Clinical trials: on-going options for medical treatment
Evangelos J. Giamarellos-Bourboulis (Athens)

Seven years-experience of adalimumab therapy for hidradenitis suppurativa in a real-life dermatologic setting
V. Bettoli, Giulia Odorici, L. Pacetti, R. Forconi, N. Schettini, P. Zedde, M. Corazza (Ferrara)

Interest of an infliximab boost before adalimumab treatment in severe inflammatory hidradenitis suppurativa

Drug survival of adalimumab and infliximab in hidradenitis suppurativa patients: a daily practice cohort study

A randomized, placebo-controlled, phase 2 study of the Janus Kinase 1 Inhibitor INCB054707 for patients with moderate-to-severe hidradenitis suppurativa
Afsaneh Alavi, I. Hamzavi, K. Brown, L.L. Santos, Z. Zhu, M.D. Howell, J. Kirby (Rochester/Ontario/Detroit/Wilmington/Hershey)

What does/can the surgeon expect from the association of surgery with hidradenitis suppurativa-targeted medical treatments? A systematic review
Philippe Guillem (Écully)

Tumescence vs. general anesthesia - a precious alternative in large hidradenitis suppurativa surgery learned due to the COVID pandemic
Maurizio Podda (Darmstadt)

Reduction of wound healing disorders in surgical reconstruction of hidradenitis suppurativa with primary wound closure by therapy with adalimumab
G. Girbig, Natalie Kirsten, M. Augustin, M. Blessmann, K. Grupp, F. Knoll (Hamburg)
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| 15.00–18.00| Imaging technologies in hidradenitis suppurativa: from theory to the clinical practice  
Antonio Martorell (Manises)  
Thermography and Hyperspectral Imaging (HSI) modalities showing 3D-perfusion analysis for diagnosis and management of hidradenitis suppurativa/acne inversa  
Thomas Wild, A. Aljowder, G. Daeschlein, K. Weissenberg, D. Cruz, C.C. Zouboulis (Dessau)  
Ultrasound-guided photodynamic therapy with intralesional methylene blue and a 635 nm light-emitting diode lamp in hidradenitis suppurativa: a retrospective study of 41 patients  
Marta Gamissans i Cañada, N. Riera Martí, J. Romani De Gabriel, Y. Gilaberte (Sabadell/Zaragoza) |
| 18.00–19.00| Selected Poster Session – Poster Prizes                                  |
| 19.00–19.15| Conference Closing/Announcements                                        |
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21  Do men and women have different clinical characteristics in HS?
F. Benhadou (Belgium), A. P. Villani, D. Mintoff, P. Guillem

25  Pain assessment in patients suffering from hidradenitis suppurativa
P. K. Krajewski (Poland), L. Matusiak, E. von Stebut, M. Schultheis, U. Kirschner,
G. Nikolakis, J. C. Szepietowski

26  Increased odds of central sensitization in patients with hidradenitis suppurativa; a cross-sectional case-control study
P. Aarts (Netherlands), J. J. Aitken, K. R. van Straalen

27  Clinical features of pediatric- versus adult-onset hidradenitis suppurativa: results of a monocentric retrospective study
A. Di Cesare (Italy), E. Rasi, M. T. Fastame, S. Senatore, F. Ricceri, F. Prignano

29  Prevalence of Hidradenitis Suppurativa in a Population-based Dutch Cohort
L. M. Prens (Netherlands), K. Bouwman, L. Toelstra, E. P. Prens, B. Alizadeh, B. Horváth

40  A systematic review of pain measurement in skin conditions and rheumatoid arthritis to inform validation of a pain instrument for Hidradenitis Suppurativa (HS)
S. B. Hasan (UK), R. Gendra, J. James, D. Morris, L. Orenstein, J. R. Ingram

49  Stigmatization feeling in patients with hidradenitis suppurativa
P. Guillem (France), V. Vlaeminck-Guillem

57  Reproductive desires in patients with hidradenitis suppurativa: therapeutic implications
T. Montero-Vilchez (Spain), L. Salvador-Rodriguez, C. Cuenca-Barrales,
S. Arias-Santiago, A. Molina-Leyva
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<td>Pregnancy outcomes in patients with hidradenitis suppurativa</td>
<td>R. Tannenbaum (USA), L. Fitzpatrick, J. Hsiao, A. Strunk, A. Garg</td>
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<td>Risk of chronic kidney disease in patients with hidradenitis suppurativa</td>
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<td>Pain in hidradenitis suppurativa correlates with disease severity but also with gender and smoking</td>
<td>F. Benhadou (Belgium), A. P. Villani, P. Guillem</td>
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<td>A comprehensive, patient-based approach to the clinical and molecular classification of complex, syndromic hidradenitis suppurativa phenotypes: a practical, translational framework</td>
<td>C. Moltrasio (Italy), G. Genovese, S. Crovella, P. M. Tricarico, M. Boniotto, S. Garcovich, A. V. Marzano</td>
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<td>Superficial and deep sampling of the skin microbiome in hidradenitis suppurativa</td>
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**BASIC AND TRANSLATIONAL EXPERIMENTAL RESEARCH (GENETICS, IMMUNOLOGY, BIOMARKERS)**

24  **MCP1/IP1/Regnase-1 expression in the skin of hidradenitis suppurativa patients**  
    P. K. Krajewski (Poland), W. SzukaÅ, A. Lichowska-Cieslar, L. Matusiak, J. Jura, J. C. Szepietowski

30  **Polish language version of HISQoL: psychometric assessments**  
    P. K. Krajewski (Poland), L. Matusiak, M. Szepietowska, J. Rymaszewska, G. B. E. Jemec,  
    J. Kirby, J. C. Szepietowski

33  **SARS-CoV-2 seroprevalence in patients with hidradenitis suppurativa in Lithuania**  
    V. Jariene (Lithuania), A. Bubilaite, V. Rimsaite, M. Adomaitis, V. Kucinskiene,  
    S. Valiukevičienė

34  **Increased expression of NCSTN, Notch and PI3K/AKT3 in hidradenitis suppurativa (HS)**  
    T. Gambichler (Germany), S. Hessam, M. Skrygan, L. Scholl, M. Sand, E. Stockfleth,  
    F. Bechora, T. Meyer

46  **Mucosal Associated Invariant T (MAIT) cells and the IL-17 Lineage in Hidradenitis Suppurativa**  
    J. Mac Mahon (Ireland), C. Gallagher, A. Hogan, A. M. Tobin

48  **Linking Leukocyte Populations, Inflammation and Insulin Resistance in Hidradenitis Suppurativa**  
    J. Mac Mahon (Ireland), C. Fitzmaurice, A. M. Tobin

63  **Prevalence of connective tissue disorders among patients with hidradenitis suppurativa**  
    R. Kjærsgaard Andersen (Denmark), A. Strunk, J. Boer, G. B. E. Jemec, A. Garg

65  **Is hidradenitis suppurativa caused by gene-gene interactions?**  
    R. Kjærsgaard Andersen (Denmark), L. Larsen, S. Clemmensen, J. Hjelborg, N. Ødum,  
    G. B. E. Jemec, K. Christensen

75  **Perception and knowledge of Hidradenitis Suppurativa in Greece: a cross-sectional study of 1301 individuals.**  
    A. I. Liakou (Greece), M. Papadakis, A. G. Tsantes, K. A. Tsante, G. Kontochristopoulos,  
    I. Marelakis, A. Kapsiachas, A. Kateoulis, S. Grigoriou, D. Rigopoulos

92  **Down Syndrome in Hidradenitis Suppurativa: a systematic review of 4893 patients**  
    S. A. Der Sarkissian (Australia), K. J. L. Wark, G. Coins, F. W. John, J. Woods

97  **Can we define inclusion criteria cut-offs to minimize placebo bias in clinical trials of hidradenitis suppurativa?**  
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    E. J. Giamarellos-Bourboulis

104 **Hidradenitis suppurativa associated with multiple myeloma and plasmacytoma - a case report**  
    M. Costa (Portugal), D. João, X. Wen, A. Massa

133 **Serum IgE levels and atopic status of patients with hidradenitis suppurativa**  
    C. Toliopoulos (Greece), M. Makris, M. Dalamaga, O. Efthymiou, C. Fokoloros, A. Kateoulis
Identification of Critical Mediators and Pathways in Patients with Hidradenitis Suppurativa
R. Hambly (Ireland), S. Gatault, L. Iglesias Martinez, S. Kearns5, H. Rea, V. Marasigan,
K. Lynam-Loane, S. Kirthi, R. Hughes, P. Doran, W. Kolch, B. Kirby

Late diagnosis of hidradenitis due to the finding of advanced squamous cell carcinoma: case report and review...new concerns with anti-TNF-alpha therapy
R. F. Magalhães (Brazil), H. M. Guerra

The G-CSF pathway in hidradenitis suppurativa
K. Wolk (Germany), T. - C. Brembach, D. Šimaitė, E. Bartnik, S. Cucinotta, A. Pokrywka,
M. L. Irmer, J. Triebus, E. Witte-Händel, G. Salinas, T. Leeuw, H. - D. Volk, K. Choreschi,
R. Sabat

Anti-Saccharomyces cerevisiae autoantibodies in hidradenitis suppurativa: prevalence and diagnostic value
A. Kinyó (Hungary), Z. Kádár, A. L. Kovács, P. Oláh, T. Berki, R. Gyulai

Phase II, single-centre, randomised, double-blind, placebo-controlled clinical trial to determine the safety and efficacy of adult allogeneic mesenchymal stem cells from adipose tissue in the treatment of draining fistulas in patients with hidradenitis suppurativa (HidraQureS 2020)
A. Molina-Leyva (Spain), T. Montero-Vilchez, L. Salvador-Rodriguez, C. Cuenca-Barrales, O.
Espinosa-Ibañez, A. Carrillo-Acosta, A. Cardesa-Gil, R. Mata-Alcazar-Caballero,
S. Arias-Santiago

Deroofing as a surgical option in hidradenitis suppurativa: local and distant recurrences and implicated factors
V. Mora-Fernández (Spain), J. Verdaguer Faja, J. Bassas-Vila

Patients’ Response Stratified by High-, Medium-, and Low-Abscess and Nodule Counts to an Adalimumab Treatment for Moderate to Severe Hidradenitis Suppurativa: Post-hoc, Real-world Data from the SOLACE Study
W. P. Gulliver (Canada), A. Alavi, M. C. Wiseman, M. J. Gooderham, J. Rao, M. S. Alam,
K. A. Papp, O. Desjardins, C. Jean

Adalimumab dose intensification in refractory and flaring hidradenitis suppurativa
G. Murray (Ireland), J. Mac Mahon, A. M. Tobin

The Importance of Therapeutic Drug Monitoring in Hidradenitis Suppurativa
C. Ciudad Blanco (Spain), A. Rosell Diaz, L. M. Nieta Benito, R. Suárez Fernández

Is acne conglobata the opposite spectrum of hidradenitis suppurativa-especially when it responds well to adalimumab?
E. G. Tampouratzi (Greece), J. C. Katsantonis
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WEBINAR SERIES

360° Perspectives on Challenging HS Cases: What happened next?

Wednesday, 10 February 2021

Join us for our webinar series and find out from a panel of 14 international expert dermatologists specializing in hidradenitis suppurativa (HS) what happened after these patients started treatment.

Sofia
Highly inflammatory
10:00 CET

Dr. Ruaa Al Harithy (Saudi Arabia)
Dr. Pierre-André Becherel (France)
Dr. Nobukazu Hayashi (Japan)
Dr. Maria Cecilia Rivitti Machado (Brazil)
Dr. Laura Savage (UK)
Dr. Thrasyvoulos Tzellos (Norway)
Dr. Hessel van der Zee (Netherlands)

Adam
Combination therapy
14:00 CET

Dr. Monika Arenbergerova (Czechia)
Dr. Falk Bechara (Germany)
Dr. Vincenzo Bettoli (Italy)
Dr. Antonio Martorell (Spain)
Dr. Lukasz Matusiak (Poland)
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