Final Program
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<tr>
<td>18&lt;sup&gt;th&lt;/sup&gt; Meeting of the European Hair Research Society (EHRS)</td>
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<td>Friday, 18&lt;sup&gt;th&lt;/sup&gt; May 2018</td>
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Welcome everybody!

I am very happy to welcome you to the 18th Meeting of the European Hair Research Society (EHRS), and I am very proud to host the meeting here in Bologna again.

Bologna is a nice middle-age town that saw the birth of the oldest university in the Western world that is now one of the most prestigious Universities of Europe.

Bologna hosted the second meeting of the EHRS in 1991: at that time the society had less members than now and the number of participants to the annual meeting was very small.

A lot of things has changed since that time: the EHRS memberships have been growing, with more and more people from different countries interested in the hair science joining the society in the years. But the biggest change can be found in the knowledge of hair disorders, which has consistently improved in the last 25 years.

Lots of the molecular mechanisms regulating hair physiology and pathology have been discovered, allowing a better understanding of hair disorders and leading to development of new treatments.

New non-invasive diagnostic techniques have been added to the “old” ones, providing new information to add to clinical features during patient’s evaluation. The importance to mix together basic science and clinical evidence in order to have a global vision of the diseases has been understood and has led to intensive collaboration between scientists and clinicians dealing with hair diseases.

The goal of the 18th Meeting of the European Hair Research Society (EHRS) is to provide an updated view of the current knowledge on hair diseases, in the erudite town of Bologna, also famous for its food!

Welcome to the Bologna’s 18th Meeting of the European Hair Research Society!

Bianca Maria Piraccini
Scientific Committee

Chairman
Bianca Maria Piraccini (Bologna, Italy)

Scientific Secretariat
Michela Starace (Bologna, Italy)

Scientific Committee
Regina C. Betz (Bonn, Germany)
Ulrike Blume-Peytavi (Berlin, Germany)
Nilofer Farjo (Manchester, UK)
Ramon Grimalt (Barcelona, Spain)
Claire Higgins (London, UK)
Yuliya Ovcharenko (Kharkiv, Ukraine)
Lidia Rudnicka (Warsaw, Poland)
Sergio Vaño Galván (Madrid, Spain)
Gillian E. Westgate (Bradford, UK)
Abraham Zlotogorski (Jerusalem, Israel)

Poster Commission
Ramon Grimalt (Barcelona, Spain)
Claire Higgins (London, UK)
Michela Starace (Bologna, Italy)
Under the auspices of

SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA
Azienda Ospedaliero - Universitaria di Bologna
Policlinico S. Orsola-Malpighi

Azienda Ospedaliero-Universitaria di Bologna
Policlinico S. Orsola Malpighi

Dipartimento di Medicina Specialistica,
Diagnostica e Sperimentale
Alma Mater Studiorum - Università di Bologna

Ordine provinciale
dei medici chirurghi e degli odontoiatri di Bologna
General information

Organizing Secretariat
Ecliptica srl
Via Aldo Moro 22 - 25124 Brescia (Italy)
Phone +39 030 2452818
Fax +39 030 2452826
e-mail: info@ecliptica.it - www.ecliptica.it

Meeting Venue
Savoia Hotel Regency
Via del Pilastro 2 - 40127 Bologna (Italy)

Bologna is easily reached by all means of transport as a crossroad for routes serving all Italy. The Meeting Venue is located just a few minutes car from the center of Bologna, the railway station, the motorway and the airport.

Taxi
Taxi Cotabo +39 051 372727
Taxi Cat +39 051 4590

Liability Disclaimer
The Organizer cannot be held liable for any hindrance or disruption to the Meeting arising for political, social or economic events or any other unforeseen incidents beyond their control.
The Organizer will accept no liability for any personal injuries sustained or for loss or damage to property belonging to the Meeting participants during all the activity of the Meeting.
Registration of a participant entails acceptance of these conditions.
Registration

Registration is valid only if full payment of the Meeting fee, as well as other booked services, has been made. An onsite registration counter will be open during the entire Meeting and within the official registration opening hours. Only payment by credit card or cash (Euro) will be accepted. Onsite registration of residents/students requires proof of status.

Registration desk opening times

**During the Meeting:**
Friday, 18th May 2018: 08.30 - 20.00
Saturday, 19th May 2018: 08.00 - 18.30
Sunday, 20th May 2018: 08.00 - 15.30

Registration fee for delegates

**Includes:**
- Admission to Scientific Sessions and Satellite Symposia
- Congress bag with scientific material and Certificate of Attendance
- Admission to the Opening Ceremony and Welcome Reception
- Admission to Exhibition
- Collection of Abstract Book
- Possibility to collect European CME Credits and Italian ECM Credits after scientific sessions participation
- Admission to scheduled lunches and coffee breaks

**Important:** Children under the age of 15 are not authorized inside the Conference Centre.

**On-site registration:**

- **EHRS 2018 Meeting**
  - Delegate - EHRS Members € 427,00
  - Delegate - Non-Members € 549,00
  - Delegate - Resident/Students € 244,00
  - Accompanying Persons € 146,40

- **Gala Dinner** (reserved for 200 participants, on a first come first served basis)
  - All type of participants € 100,00

- **Trichoscopy Course** (reserved for 100 participants, on a first come first served basis)
  - Delegate/Resident/Student € 150,00

Registration fee is 22% VAT included. Participants registering onsite will not be entitled to any reduction. Cancellation will not be accepted onsite and neither name changes. Refunds will not be possible during the Meeting and can only be made within 2 months after the closure of the event. Bank charges may be deducted during process.
Scientific information

**Official Language**
English will be the official language of the Meeting. There will be no simultaneous translation.

**Sessions**
The following sessions will be scheduled throughout the duration of the Meeting:
- Lectures
- Oral Presentations
- Oral Communications
- Posters
All sessions are available to all registered participants.

**Lectures, Oral Presentations and Oral Communications**
Computer projection facilities (for PowerPoint presentations) will be available in the Meeting room. Presenting authors will receive all technical information and instructions prior to the Meeting in order to ensure the smooth running of sessions. Please check and upload the presentation at the Speakers’ Preview Room, a technical assistant will be present.

Registration Note: at least one author of the submitted abstract must register at the Meeting.

**Posters**
Selected posters will be presented in paper form in the poster area.
Registration Note: at least one author of the submitted abstract must register at the Meeting.
The maximum size of poster should be 100 cm (height) - 70 cm (width). Poster should be hung on the poster board in the poster area on 18TH May 2018 from 12.00 to 14.00. The staff will provide all required material.

**Photo-Video-Audio Recording**
Photo-Video-Audio recording of the Meeting is not allowed.

**Certificate of Attendance**
Registered participants will receive a Certificate of Attendance in their Congress Kit.

**Speakers’ Preview Room**
The preview room is equipped with PC. Speakers are asked to hand in their presentation at least 1 hour before the lecture if they have not already uploaded earlier.
Opening hours of this room are:
Friday, 18TH May 2018: 08.30 - 18.30
Saturday, 19TH May 2018: 08.00 - 18.30
Sunday, 20TH May 2018: 08.00 - 15.00

**EACCME European Accreditation**
The 18TH Meeting of the European Hair Research Society, Bologna, Italy, 18/05/2018-20/05/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 12 European CME credits (ECMEC®s).
Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.
Through an agreement between the Union Européenne des Médecins Spécialistes
and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

**Italian ECM Accreditation**

The 18th Meeting of the European Hair Research Society is accredited by the Italian Ministry of Health for Italian physicians, biologists, pharmacists, for a maximum of 500 participants with 3,9 credits.

Educational Outcome: epidemiology – prevention and promotion of health with acquisition of technical and professional notions.

Only participants attending the 90% of the scheduled program will obtain the credits.

The Trichoscopy Course is accredited by the Italian Ministry of Health for Italian physicians, biologists, pharmacists, for a maximum of 100 participants with 4 credits.

Educational Outcome: appropriateness of health service, system of evaluation, test and improvement of efficiency and efficacy.

Only participants attending the 90% of the scheduled program and pass the final test (75% of answers must be correct) will obtain the credits.

**Evaluation Forms**

Evaluation forms will be distributed at the last session of the Meeting. You are kindly requested to complete the forms and return them to the collection point at the Secretariat desk.

**Audio Visual Requirements**

Presentation should be done in PowerPoint. Speakers should express any special needs in advance.
Final Program
The Trichoscopy Course

Friday 18TH May 2018
Chairpersons: B.M. Piraccini, M. Starace (Bologna, Italy)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>08:30 - 09:00</td>
<td>Registration</td>
</tr>
<tr>
<td>09:00 - 09:10</td>
<td>Introduction to the Course, B.M. Piraccini (Bologna, Italy)</td>
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<tr>
<td>09:10 - 09:40</td>
<td>Trichoscopic signs, M. Fortuna (Roma, Italy)</td>
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<tr>
<td>09:40 - 10:30</td>
<td>Non-scarring patchy alopecias, B.M. Piraccini (Bologna, Italy)</td>
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<tr>
<td>10:30 - 11:00</td>
<td>Coffee Break</td>
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<tr>
<td>11:00 - 11:30</td>
<td>Androgenetic alopecia, A. Alessandrini (Bologna, Italy)</td>
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<tr>
<td>11:30 - 12:20</td>
<td>Scarring alopecias, D.F. Melo (Rio de Janeiro, Brazil)</td>
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<tr>
<td>12:20 - 13:00</td>
<td>Scalp inflammatory disorders, M. Starace (Bologna, Italy)</td>
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<tr>
<td>13:00 - 13:15</td>
<td>ECM Test</td>
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## Final Program

**18TH Meeting of the European Hair Research Society (EHRS)**

**Friday 18TH May 2018**

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<th>Time</th>
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<tr>
<td>12:00 - 14:00</td>
<td>Registration opens</td>
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<tr>
<td>14:00 - 14:30</td>
<td><strong>Opening Ceremony</strong>&lt;br&gt;Chairpersons: B.M. Piraccini (Bologna, Italy), A. Zlotogorski (Jerusalem, Israel)</td>
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<tr>
<td>14:30 - 15:00</td>
<td><strong>SPECIAL LECTURE: THE HUMAN MICROBIOTA</strong>&lt;br&gt;Chairperson: B.M. Piraccini (Bologna, Italy)&lt;br&gt;Speaker: L. Drago (Milan, Italy)</td>
</tr>
<tr>
<td>15:00 - 16:00</td>
<td><strong>SESSION 1</strong>&lt;br&gt;<strong>Androgenetic alopecia (part I): from genes to clinical evidence</strong>&lt;br&gt;Chairperson: R.C. Betz (Bonn, Germany)&lt;br&gt;Co-Chair: M.J. Harries (Manchester, UK)</td>
</tr>
<tr>
<td>15:00 - 15:15</td>
<td><strong>Title:</strong> Genetics of male pattern baldness&lt;br&gt;Speaker: S. Heilmann-Heimbach (Bonn, Germany)</td>
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<tr>
<td>15:15 - 15:30</td>
<td><strong>ORAL COMMUNICATION</strong>&lt;br&gt;Title: Insights into male pattern baldness: differential gene expression profiling of plucked hair follicles and integration with genetic association data&lt;br&gt;Speaker: L.M. Hochfeld (Bonn, Germany)</td>
</tr>
<tr>
<td>15:30 - 15:45</td>
<td><strong>Title:</strong> Genetics of female pattern baldness&lt;br&gt;Speaker: R.C. Betz (Bonn, Germany)</td>
</tr>
<tr>
<td>15:45 - 16:00</td>
<td><strong>ORAL COMMUNICATION</strong>&lt;br&gt;Title: Investigation of minoxidil- or mechano-gated KATP channels in cultured human dermal papilla cells&lt;br&gt;Speaker: H. Takada (Tokyo, Japan)</td>
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<tr>
<td>16:00 - 16:30</td>
<td>Coffee break/Exhibit/Poster</td>
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**SESSION 2**

**Androgenetic Alopecia (part II): medical therapy**
Chairperson: A. Rossi (Rome, Italy)
Co-Chair: J. Ovcharenko (Kharkiv, Ukraine)

16:30 - 16:45  
**Title:** Androgenetic alopecia: Evolution of Therapy  
**Speaker:** J. Ovcharenko (Kharkiv, Ukraine)

16:45 - 17:00  
**Title:** Topical inhibitors of 5-alpha reductase finasteride and dutasteride in androgenetic alopecia  
**Speaker:** A. Rossi (Rome, Italy)

17:00 - 17:15  
**Title:** Post-finasteride syndrome  
**Speaker:** R. Grimalt (Barcelona, Spain)

**SESSION 3**

**Hair transplantation: from non-scarring to scarring alopecia**
Chairperson: N. Farjo (Manchester, UK)
Co-Chair: V. Gambino (Milan, Italy)

17:15 - 17:17  
**Title:** Introduction  
**Speaker:** N. Farjo (Manchester, UK)

17:17 - 17:25  
**ORAL COMMUNICATION**  
**Title:** An in-vitro model to study epigenetic changes controlling hair induction  
**Speaker:** N. Pantelireis (London, UK)

17:25 - 17:33  
**ORAL COMMUNICATION**  
**Title:** Impact of distinct preservation solutions on hair micrografts viability ascertained by dermal papilla gene expression signature  
**Speaker:** A.R. Castro (Porto, Portugal)

17:33 - 17:44  
**Title:** Debate on FUE vs FUT techniques, when to use each  
**Speakers:** N. Farjo (Manchester, UK), V. Gambino (Milan, Italy)

17:44 - 17:55  
**Title:** When is hair restoration useful if it is not androgenetic Alopecia?  
**Speaker:** T. Siliuk (St. Petersburg, Russia)

17:55 - 18:00  
**Title:** Round up Q&A's  
**Speakers:** N. Farjo (Manchester, UK), V. Gambino (Milan, Italy)

18:00 - 18:30  
**KEY NOTE SPEAKER**  
Chairperson: B.M. Piraccini (Bologna, Italy)  
**Speaker:** U. Blume-Peytavi (Berlin, Germany)

18:30 - 20:00  
Welcome Reception
### Saturday 19TH May 2018

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<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
<th>Location</th>
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| **08:30 - 09:15** | **SESSION 4**                                | **Trichoscopy and non-invasive techniques**                                               | Chairperson: L. Rudnicka (Warsaw, Poland)  
Co-Chair: M. Starace (Bologna, Italy) |             |
| 08:30 - 08:40   | **Title:** What's new in trichoscopy in adults | **Speaker:** A. Tosti (Miami, USA)                                                        |                                  |             |
| 08:40 - 08:50   | **Title:** What's new in trichoscopy in children | **Speaker:** M. Starace (Bologna, Italy)                                                   |                                  |             |
| 08:50 - 09:00   | **Title:** What's new in trichoscopy monitoring | **Speaker:** A. Rakowska (Warsaw, Poland)                                                  |                                  |             |
| 09:00 - 09:15   | **Title:** What's coming in near future in trichoscopy | **Speaker:** L. Rudnicka (Warsaw, Poland)                                                 |                                  |             |
| 09:15 - 10:00   | **Coffee break/Exhibit/Poster**               |                                                                                          |                                  |             |
| **10:00 - 10:45** | **SESSION 5**                                | **Pediatric hair disorders: from genes to disease**                                       | Chairperson: R. Grimalt (Barcelona, Spain)  
Co-Chair: Y. Ramot (Jerusalem, Israel) |             |
| 10:00 - 10:11   | **Title:** Hair shaft abnormalities          | **Speaker:** K. Khobzei (Kyiv, Ukraine)                                                    |                                  |             |
| 10:11 - 10:22   | **Title:** Self-inflicted hair loss           | **Speaker:** R. Grimalt (Barcelona, Spain)                                                 |                                  |             |
| 10:22 - 10:33   | **Title:** Genetics and pathophysiology of uncombable hair syndrome | **Speaker:** R.C. Betz (Bonn, Germany)                                                     |                                  |             |
| 10:33 - 10:45   | **Title:** Genetic hair diseases: an update  | **Speaker:** Y. Ramot (Jerusalem, Israel)                                                  |                                  |             |
| **10:45 - 11:30** | **SESSION 6**                                | **Hair ageing and color**                                                                 | Chairperson: D.J. Tobin (Bradford, UK)  
Co-Chair: I. Haslam (Huddersfield, UK) |             |
<p>| 10:45 - 11:00   | <strong>INDUSTRY-SPONSORED LECTURE.</strong>               | <strong>NOT ACCREDITED FOR CME/EACCME CREDITS</strong>                                                 |                                  |             |</p>
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<th>Description</th>
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| 11:00 - 11:15 | **ORAL COMMUNICATION**  
Title: Red hair turns brown. Successful use of setmelanotide in patients with POMC deficiency and leptin receptor mutation  
Speaker: V. Kanti (Berlin, Germany) |
| 11:15 - 11:30 | **Title:** Can the aging human scalp hair follicle sense ROS-stress that compromises its melanin unit?  
Speaker: D.J. Tobin (Bradford, UK) |
| 11:30 - 12:15 | **John Ebling lecture**  
Chairpersons: A. Zlotogorski (Jerusalem, Israel), B.M. Piraccini (Bologna, Italy)  
Speaker: A. Tosti (Miami, USA) |
| 12:15 - 12:45 | **INDUSTRY-SPONSORED LECTURE. NOT ACCREDITED FOR CME/EACCME CREDITS**  
**Lunch** |
| 13:15 - 14:15 | **SESSION 7**  
**Alopecia areata: from bench to clinic**  
Chairperson: Y. Ramot (Jerusalem, Israel)  
Co-Chair: A. Gilhar (Haifa, Israel) |
| 13:15 - 13:30 | **Title:** Alopecia areata incognita vs diffuse alopecia areata: clinical, trichoscopical and histopathological study  
Speaker: A. Alessandrini (Bologna, Italy) |
| 13:30 - 13:45 | **Title:** The fascinating story of how JAK inhibitors became the drug of choice for alopecia areata  
Speaker: Y. Ramot (Jerusalem, Israel) |
| 13:45 - 14:00 | **Title:** Alopecia areata: future directions  
Speaker: A. Gilhar (Haifa, Israel) |
| 14:00 - 14:15 | **ORAL COMMUNICATION**  
Title: The search for hair follicle auto-antigens in human alopecia areata  
Speaker: D.J. Tobin (Bradford, UK) |
| 14:15 - 15:00 | **SESSION 8**  
**Cell-based, growth factor-based or pharmaceutical therapies? An open discussion**  
Chairperson: A. Vogt (Berlin, Germany)  
Co-Chair: R. Hoffmann (Freiburg, Germany) |
| 14:15 - 14:30 | **Title:** Platelet and growth factor-based therapy of androgenetic alopecia?  
Speaker: V. Cervelli (Rome, Italy) |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 14:30 - 14:45 | Title: Chemosensation as a novel modulator of hair growth  
Speaker: J. Lehmann (Münster, Germany) |
| 14:45 - 15:00 | INDUSTRY-SPONSORED LECTURE.  
NOT ACCREDITED FOR CME/EACCME CREDITS |
| 15:00 - 16:00 | Coffee break/Exhibit/Poster                 |
| 16:00 - 17:00 | SESSION 9  
Cicatricial and permanent alopecia  
Chairperson: S. Vañó Galván (Madrid, Spain)  
Co-Chair: A.G. Messenger (Sheffield, UK) |
| 16:00 - 16:12 | Title: What´s new in cicatricial alopecias?  
Speaker: S. Vañó Galván (Madrid, Spain) |
| 16:12 - 16:24 | Title: Pathogenesis of FFA: the potential role of environmental factors  
Speaker: M.J. Harries (Manchester, UK) |
| 16:24 - 16:36 | Title: Pathogenesis of FFA: the role of genetics and microRNAs  
Speaker: C. Tziotzios (London, UK) |
| 16:36 - 16:48 | Title: My therapeutic pearls in cicatricial alopecias  
Speaker: R.M. Trüeb (Zurich, Switzerland) |
| 16:48 - 17:00 | Title: Permanent alopecia induced by chemotherapy: new therapies  
Speaker: A. Goren (Irvine, USA) |
| 17:00 - 17:30 | SESSION 10  
Endocrine and metabolic factors in hair growth: News and views  
Chairperson: G.E. Westgate (Bradford, UK)  
Co-Chair: H. Topouzi (London, UK) |
| 17:00 - 17:15 | Title: Mechanisms of hair follicle defence against oxidative, inflammatory and xenobiotic insult  
Speaker: I. Haslam (Huddersfield, UK) |
| 17:15 - 17:30 | ORAL COMMUNICATION  
Title: The effect of topical minoxidil treatment on follicular sulfotransferase enzymatic activity  
Speaker: A. Goren (Irvine, USA) |
| 17:30 - 18:30 | EHRS General Assembly |
### Sunday 20TH May 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30 - 09:15</td>
<td><strong>SESSION 11</strong></td>
<td><strong>Histopathology: when and where</strong>&lt;br&gt;Chairperson: C.M. Stefanato (London, UK)&lt;br&gt;Co-Chair: P.A. Fanti (Bologna, Italy)</td>
</tr>
<tr>
<td></td>
<td>Title: When and where: ...and how?</td>
<td>Speaker: C. Misciali (Bologna, Italy)</td>
</tr>
<tr>
<td>08:45 - 09:00</td>
<td>Title: When and where: scarring alopecia</td>
<td>Speaker: L. El-Shabrawi-Caelen (Graz, Austria)</td>
</tr>
<tr>
<td>09:00 - 09:15</td>
<td>Title: When and where: non-scarring alopecia</td>
<td>Speaker: C.M. Stefanato (London, UK)</td>
</tr>
<tr>
<td>09:15 - 10:00</td>
<td><strong>SESSION 12</strong></td>
<td><strong>The scalp in health and disease: news and views</strong>&lt;br&gt;Chairperson: R.M. Trüeb (Zurich, Switzerland)</td>
</tr>
<tr>
<td></td>
<td>Title: Scalp psoriasis. Diagnostic clues, comorbidities and treatment options</td>
<td>Speaker: K. Khobzei (Kyiv, Ukraine)</td>
</tr>
<tr>
<td>09:30 - 09:45</td>
<td>INDUSTRY-SPONSORED LECTURE. NOT ACCREDITED FOR CME/EACCME CREDITS</td>
<td></td>
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<tr>
<td>09:45 - 10:00</td>
<td>Title: Hair fiber lifetime quality from scalp to tip</td>
<td>Speaker: M.F.R. Gavazzoni Dias (Rio de Janeiro, Brazil)</td>
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<tr>
<td>10:00 - 10:45</td>
<td>Coffee break/Exhibit/Poster</td>
<td></td>
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<tr>
<td>10:45 - 11:45</td>
<td><strong>SESSION 13</strong></td>
<td><strong>Hair follicles, stem cells and their niche</strong>&lt;br&gt;Chairperson: C. Higgins (London, UK)&lt;br&gt;Co-Chair: C.A.B. Jahoda (Durham, UK)</td>
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<tr>
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<td>Title: Dermal papilla cells - changes on leaving the follicle niche</td>
<td>Speaker: C.A.B. Jahoda (Durham, UK)</td>
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<tr>
<td>11:15 - 11:25</td>
<td><strong>ORAL COMMUNICATION</strong></td>
<td><strong>Title: Extracellular vesicles secreted by stimulated dermal fibroblasts enhance hair follicle growth via regenerative activation of dermal papilla cells</strong>&lt;br&gt;Speaker: A. Le Riche (Paris, France)</td>
</tr>
<tr>
<td>Time</td>
<td>Session/Communication</td>
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| 11:25 - 11:35 | ORAL COMMUNICATION  
Title: FGF7-dependent inhibition of human hair growth by an osteopontin-derived peptide: A novel solution for hirsutism and hypertrichosis?  
Speaker: J. Lehmann (Münster, Germany) |
| 11:35 - 11:45 | ORAL COMMUNICATION  
Title: Harnessing cytokines released by hair follicle dermal papilla cells to accelerate wound healing in vitro and ex vivo  
Speaker: H. Topouzi (London, UK) |
| 11:45 - 12:25 | SESSION 14  
Clinical cases for diagnosis  
Chairperson: P. Reygagne (Paris, France)  
Co-Chair: R.E.M.S. Oliveira Soares (Lisboa, Portugal) |
| 11:45 - 11:55 | Title: 2 to 3 Clinical cases  
Speakers: O. Accaputo, V. Del Marmol, (Bruxelles, Belgium) |
| 11:55 - 12:05 | Title: 2 to 3 Clinical cases  
Speaker: R.E.M.S. Oliveira Soares (Lisboa, Portugal) |
| 12:05 - 12:15 | Title: 2 to 3 Clinical cases  
Speaker: P. Assouly (Paris, France) |
| 12:15 - 12:25 | Title: 2 to 3 Clinical cases  
Speaker: P. Reygagne (Paris, France) |
| 12:25 - 13:15 | Prizes and awards  
Chairpersons: B.M. Piraccini (Bologna, Italy), N. Farjo (Manchester, UK), C. Higgins (London, UK) |
| 13:15 - 14:00 | Lunch |
| 14:00 - 15:00 | Final remarks and closing  
Chairpersons: B.M. Piraccini (Bologna, Italy), R. Grimalt (Barcelona, Spain), J. Ferrando (Barcelona, Spain), S. Vañó Galván (Madrid, Spain) |
<table>
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<th>Poster Session</th>
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| 1. **Topical brimonidine tartrate 0.33% gel successfully camouflaged scalp erythema resulting from cicatricial alopecia**  
H. Kang, J. Hee Jung, H. Ree Park, Y. Jun Woo, J. Eun Kim (Seoul, Korea) |
| 2. **Sarcoidosis-induced alopecia**  
G. Wali, T. McPherson (Oxford, UK) |
| 3. **Risk factors associated with frontal fibrosing alopecia: results from a multicentric case control-study**  
O.M. Moreno-Arrones, D. Saceda-Corrado, R. Grimalt, S. Vañó Galván (Madrid, Spain) |
| 4. **A Case of Secondary Osteoma Cutis Associated with Lichen Planopilaris**  
S. Piensenco, G. Orlando, R. Salmaso (Padua, Italy) |
| 5. **Epidermal psoriasiform hyperplasia, an unrecognized sign of folliculitis decalvans: A histological study of 26 patients**  
B. Matard, B. Cavelier Balloy, P. Reygagne (Paris, France) |
| 6. **JAK inhibitors for alopecia areata: Three successful cases treated with three different JAK inhibitors**  
Y. Ramot, A. Zirotogorski (Jerusalem, Israel) |
| 7. **Nail involvement in patients with alopecia areata treated with oral tofacitinib**  
H. Park, J. Su Lee, M. Kim, C. Huh, O. Kwon, H. Yoon, S. Cho (Seoul, Korea) |
| 8. **Acute diffuse and total alopecia of the female scalp: a case series of 5 patients**  
A. Fonia, S. Murugusundaram, P. Yesudian (Wrexham, UK; Chennai, India) |
| 9. **Dermoscopic findings in acute and diffuse total alopecia**  
Y. Won, J. Choi, Y. Lee, B. Lew, W. Sim (Seoul, Korea) |
| 10. **The efficacy and safety of tofacitinib in patients with recalcitrant alopecia totalis**  
Y. Won, J. Choi, Y. Lee, B. Lew, W. Sim (Seoul, Korea) |
| 11. **Alopecia areata in childhood**  
| 12. **Disadaptation disorders and quality of life index in alopecia areata**  
I. Serbina (Kharkiv, Ukraine) |
| 13. **Long-term efficacy and tolerability of 1mg finasteride daily administration in the treatment of androgenetic alopecia: over 5-year follow-up**  
| 14. **Female Androgenetic Alopecia of Male Pattern associated with ovarian thecoma**  
A. Sato, A. Munck, A. Anzai, C.O.C. Fechine, R. Romiti, N.Y.S. Valente (Sao Paulo, Brazil) |
| 15. **Correlation between scalp photodamage and sun exposure history and risk factors: Observational study in balding men**  
D. Black, C. Saint-Martory, V. Mengeaud, V. Turlier, E. Durbise, P. Reygagne, B.M. Piraccini, R. Grimalt, A.M. Schmitt (Toulouse, France; Cahors, France; Paris, France; Bologna, Italy; Barcelona, Spain) |
16. Efficacious and safe management of thick scales, redness and flaky scalp condition using a specific shampoo containing urea, glycolic acid, salicylic acid, ichthyol pale and laureth 9  
B.M. Piraccini, N. Brandi, A. Alessandrini, F. Bruni, M. Starace (Bologna, Italy)

17. Clinical study of a new-formula shampoo for scalp seborrheic dermatitis  
Y.W. Lee, J.Y. Hong, J.H. Kim, J.R. Hong, H.I. Cheon, M.S. Hur, B.G. Choi, S.H. Han, Y.B. Choe, K.J. Ahn (Seoul, Korea)

18. The use of an anti-dandruff shampoo relayed by a rebalancing shampoo: impact on fungal and bacterial flora of the scalp  
M. Favennecc, E. Gravier, V. Turlier, S. Le Guedard-Mereuze, V. Mengeaud, S. Bessou-Touya, N. Castex-Rizzi (Toulouse, France)

A. Alessandrini, F. Bruni, M. Starace, B.M. Piraccini (Bologna, Italy)

20. Dermoscopy, reflectance confocal microscopy and optical coherence tomography for the diagnosis of lichen simplex chronicus localized on the scalp  
V.D. Mandel, G. Pellacani, B.M. Piraccini, M. Starace (Modena, Italy; Bologna, Italy)

21. Disseminated mucinosis follicularis and its differential diagnoses  
K. Hillmann, T. Tomova-Simitchieva, H. Röwert-Huber, U. Blume-Peytavi, A. Vogt (Berlin, Germany)

22. Pressure-induced alopecia: a case report  
A. Tunçer Vural, D. Özcan, Ö. Özen (Ankara, Turkey)

23. Pressure alopecia: two cases with thin hairs on trichoscopy  
D.F. Melo, B. Ghedin, V. Duarte Tortelly (Rio de Janeiro, Brazil)

24. Dermopathology 2.0: the evolution. Diagnostic tool for rare hair disease  
C. Baraldi, C. Misciali, PA. Fanti (Bologna, Italy)

H. Dutra Rezende, M.F. Reis Gavazzoni Dias; M. Teixeira; A. Lofeu Cury; J. Fulgêncio de Lima Arruda (Rio de Janeiro, Brazil; Juiz De Fora, Brazil)

26. Vitamin D3 and chronic telogen effluvium  
M.V. Yakubovskaya, K.S. Kukushkina, V.G. Kornisheva, A.A. Vashkevich (Saint Petersburg, Russia)

27. Analysis of hair and serum trace elements levels in hair loss  
S.S. Kim, J.W. Ha, J.E. Hahm, K.S. Kim, C.W. Kim (Seoul, Korea)

28. The relevance of selenium to alopecias  
D.F. Melo, A. Matsunaga, V. Duarte Tortelly (Rio de Janeiro, Brazil)

29. Efficacy of treatment with oral supplementation oral biotin in 2 children affected by uncombable hair syndrome  
F. Bruni, A. Alessandrini, M. Starace, B.M. Piraccini (Bologna, Italy)

30. FOL-005 – a novel peptide drug regulates hair growth in a Phase I/IIa study  
J. Alenfall, M. Ekblad, J. Kottner, A. Vogt, U. Blume-Peytavi (Lund, Sweden; Berlin, Germany)

31. EZH2 is required for human hair follicle growth  
I.E. Asamaowei, N. Farjo, V.A. Botchkarev, N.V. Botchkareva, A.N. Mardaryev (Bradford, UK; Manchester, UK)

32. Gene expression of SULT1A1 in human keratinocytes is enhanced in a dose-dependent manner by pueraria lobata root extract and gentiana lutea root extract  
T. Koyama, Y. Osada, T. Hama, S. Ozawa, K. Kobayashi (Tokyo, Japan; Iwate, Japan)
33. The effects of oleyl and stearyl ceramide on the Wnt/β-catenin and BMP pathway during hair growth process
H. Kang, J.H. Oh, K.H. Jeong, J.E. Kim (Seoul, Korea)

34. Combination of hair matrix and dermal papilla spheroids self organized to form long rod-like organoids structures in vitro
K. Bakkar, T. Sellathurai, C. Collin-Djangone, M. Le Balch, J.F. Michelet (Aulnay Sous Bois, France)

35. Establishment and characterization of five immortalized human scalp dermal papilla cell lines
M.H. Kwack, J.C. Kim, Y.K. Sung, M.K. Kim (Daegu, Korea)

36. Silk sericin and methyl beta-cyclodextrin for hair care
L. Giovannelli, E. Torre, L. Fracchia, G. Lombardi, L. Segale, E. Ugazio (Novara, Italy; Turin, Italy)

37. Alopecia areata patients show deficiency of FOXP3+CD39+ T regulatory cells and clonotypic restriction of Treg TCRβ-chain. New insights on the autoimmune pathogenesis
F.N. Hamed, A. Åstrand, M. Bertolini, A. Rossi, A. Maleki-Dizaji, A.G. Messenger, A.J.G. McDonagh, R. Tazi-Ahnini (Sheffield, UK; Malmö, Sweden; Rome, Italy)

38. The Innovative Method of Transplantation of Vascular Stroma Stem Cells
Anna Kaldieieeva, Svitlana Vozianova, Inna Gorda, Olha Rai, Denys Prokopovych (Kiev, Ukraine)

39. Docosahexaenoic acid, a component of fermented fish oil, promotes hair growth
J. Kang, Y.J. Hyun, H. Yoon, S.M. Kim, Y. Ahn, J. Hyun, E. Yoo, H. Kang (Jeju, Korea)

40. Interest of Biotrinine®, a mix of Nasturtium officinale and Tropaeolum majus extracts, for chronic hair loss treatment
M. Lévêque, S. Bessou-Touya, N. Castex-Rizzi (Toulouse, France)

41. Dihydrotestosterone Decreases Proliferation of Human Keratinocyte Cells through Activation of TGF-β1/Smad Pathway
J. Kang, H. Yoon, S.M. Kim, E. Yoo, H. Kang (Jeju, Korea)

42. Interest of Panax Ginseng and Albizia Julibrissin extracts to prevent age-related hair density reduction
M. Lévêque, S. Bessou-Touya, N. Castex-Rizzi (Toulouse, France)

43. Cystine correlate with hair matrix cell proliferation
Y. Osada, H. Osanai, K. Michibata (Tokyo, Japan)

44. Impact of 2d and 3d culturing in hair-inductive potential of dermal papilla stem cells
A.R. Castro, F. Sousa, C. Portinha, P. Granja, E. Logarinho (Porto, Portugal)

45. Fermented fish oil reduced PM 2.5 exposure-induced skin aging via antioxidant effect

46. Histological changes in the aging hair follicle with environment and alterations in gene expression in 2D and 3D cultures
R. Sedman, G.E. Westgate; A.D. Pawlus; D.J. Tobin; M.J. Thornton (Bradford, UK)

47. Formation of hair follicle anlagen within a human full thickness skin equivalent
G. Lindner, I. Vahav, K. Schimek, T. Tao, U. Marx, R. Lauster (Berlin, Germany)

48. Long term follow-up of patients with alopecia areata
A. Lyakhovitsky, A. Aronovich, A. Barzilai (Tel Aviv, Israel)

49. Usefulness of trichoscopy in diagnosis of eyebrow loss in alopecia areata and frontal fibrosing alopecia
A. Wasikiel, A. Rakowska, M. Kurzeja, J. Czuwara, M. Sikora, M. Olszewska, L. Rudnicka (Warsaw, Poland)

50. Comorbidity in alopecia areata: New possibilities in the treatment
A. Baltabaev (Bishkek, Kyrgyzstan)
51. Comparison of the treatment outcome of oral tofacitinib with other conventional therapies in extensive refractory alopecia areata; a retrospective study

52. Efficacy of Combination Therapy with Diphenylcyclopropenone and Anthralin in the Treatment of Severe Alopecia areata

53. The History of Alopecia Areata in Ancient Greek and Roman Times
  G. Lutz (Bonn, Germany)

54. Alopecia areata and salmon patch: an actual association?
  D.F. Melo, E. De Souza Albernaz, T. Barreto, N. Haddad, V.D. Tortelly (Rio de Janeiro, Brazil)

55. Injectable betamethasone as a therapeutic
  D.F. Melo, T. Dutra, V. Baggieri, V.D. Tortelly (Rio de Janeiro, Brazil)

56. Coping behaviors dealing with alopecia areata: what can we learn?
  R. Barkauskaite (Vilnius, Latvia)

57. Minoxidil Dose Response Study in Female Pattern Hair Loss Patients Determined to be Non-Responders to 5% Topical Minoxidil
  A. Goren, J. McCoy, M. Kovacevic, M. Situm, J. Shapiro, R. Sinclair (Rome, Italy; Irvine, United States)

58. Androgenetic alopecia in children: a case series of eight patients
  D. Özcan (Ankara, Tukey)

59. The Effect of Daily Aspirin Use on Topical Minoxidil Treatment for Pattern Hair Loss
  M. Kovacevic, A. Goren (Zagreb, Croatia; Rome, Italy)

60. Excellent response to mesotherapy as adjunctive treatment in male androgenetic alopecia
  D.F. Melo, G.T. Plata, L.R. Araujo, V.D. Tortelly (Rio de Janeiro, Brazil)

61. Benefits from a 1% Selenium Disulfide (SeS2)/1% salicylic acid (SA) cosmetic shampoo on scalp seborrheic dermatitis after 2% ketoconazole foaming gel treatment
  P. Reygagne, P. Massiot; C. Clavaud, C. Michelin, A. Bouloc (Paris, France)

62. Histopathological validation of reflectance confocal microscopy criteria for scarring alopecia in ethnic skin
  O. Veraitch, R. Patalay, D.A. Fenton, E. Craythorne, M. Ardigó, C.M. Stefanato (London, Italy; Rome, Italy)

63. Implementation of the Frontal Fibrosing Alopecia Severity Scale in the clinical follow-up of frontal fibrosing alopecia patients
  D. Saceda-Corralo, Ó.M. Moreno-Arrones, C. Pindado-Ortega, Á. Hermosa-Gelbard, R. Rodrigues-Barata, S. Vahó Galván (Madrid, Spain)

64. Ten clinical clues for the diagnosis of frontal fibrosing alopecia
  D.F. Melo, E. De Souza Albernaz, T. Barreto, N. Haddad, V.D. Tortelly (Rio de Janeiro, Brazil)

65. Trichoscopy findings regarding different clinical stages of the dissecting cellulitis of the scalp
  D.F. Melo, L.R. Lemes, V.D. Tortelly, B. Duque-Estrada, R. Pirmez (Rio de Janeiro, Brazil)

66. The PPARγ modulator, N-Acetyl-GED-0507-34-Levo, as a novel therapeutic strategy for lichen planopilaris that could be more efficient and better-tolerated than pioglitazone
  J. Chéret, I. Piccini, J. Lehmann, J. Hardmann, M. Alam, F. Jimenez Acosta, C. Ward, R. Paus, M. Bertolini (Münster, Germany; Manchester, UK; Las Palmas de Gran Canaria, Spain; Miami, United States)

67. Frontal fibrosing alopecia in 14 men
  S. Papanikou, V. Chasapi (Athens, Greece)
68. Folliculitis decalvans is characterized by a persistent abnormal subepidermal microbiota
B. Matard, J.L. Donay, M. Resche-Rigon, A. Tristan, I. Casin, B. Cavelier-Baloy, P. Assouly, D. Farhi,
A. Petit, M. Bagot (Paris, France; Lyon, France)

69. A case of alopecia areata developing in the donor scalp area after hair transplantation
A. Tunçer Vural, D. Özcan, Ö. Özen (Ankara, Turkey)

70. Long Term Result of Hair Transplantation for Therapy Resistant Alopecia Areata of Eyebrows
E. Civas, B. Aksoy, Muhitdin Eski (Ankara, Turkey)

71. Hair transplantation combined with medical therapy- current standard of care
A. Finner (Berlin, Germany)

72. Styling without Shedding: Novel Topical Formula Reduces Hair Shedding by Contracting the
Arrector Pili Muscle
A. Goren, J. McCoy, M. Kovacevic, M. Situm, J. Shapiro, R. Sinclair (Rome, Italy; Irvine, United States)

73. Taxane-induced permanent alopecia: does histomorphology “connect the dots”? 
A. Fonia, D.A. Fenton, C.M. Stefanato (London, UK)

74. The effect of topical minoxidil treatment on follicular sulfotransferase enzymatic activity
A. Goren, M. Kovacevic (Rome, Italy)

75. Hair shaft transmission electron microscopy: an additional tool in the diagnosis of chediak
higashi syndrome
O. Veraitch, L. Allison, G. Vizcay-Barrena, R.A. Fleck, A. Price, S. Srivastava, D.A. Fenton, J. McGrath,
C.M. Stefanato (London, UK; Leicester, UK)

76. Woolly hair nevus
D.F. Melo, C. Fernandes, K. Fernandes, N. Rodrigues, T. Jeunon (Rio de Janeiro, Brazil)

77. Sebaceoma in the scalp simulating melanocytic malignant cutaneous neoplasm
D.F. Melo, T.R. Ure Garcia, B. Catojo Poggi, J. Marques Da Costa, M.A. Jeunon Sousa (Rio de Janeiro,
Brazil)

78. Yellow dots in trichoscopy: relevance, clinical significance and peculiarities
D.F. Melo, L. Rodino Lemes, C. Dos Santos Lima (Rio de Janeiro, Brazil)

79. Treatment of seborrheic dermatitis of the scalp with an anti-sebum kit composed by plant stem
cells from leontopodium alpinum: open study on 20 patient using scalp dermoscopy
A. Alessandrini, M. Starace, F. Bruni, B.M. Piraccini (Bologna, Italy)

80. Cicatricial pattern hair loss: summary of observations pertinent to the concept
H. Dutra Rezende, M.F.R. Gavazzoni Dias, R.M. Trüeb (Rio de Janeiro, Brazil; Zurich, Switzerland)
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Saturday 19th May 2018

10:45 - 11:00  Title: Male Hair Ageing: clinical and biometrological results
Speaker: V. Turlier (Toulouse, France)

12:15 - 12:45  Title: TrichoScan update: New clinical trial results and launch of new hardware version
Speaker: R. Hoffmann (Freiburg, Germany)

14:45 - 15:00  Title: FOL005 - Novel peptide-based hair therapeutic?
Speaker: J. Alenfall (Lund, Sweden)

Sunday 20th May 2018

09:30 - 09:45  Title: Scalp ageing
Speaker: D. Black (Toulouse, France)
Notes