Friday, November 13th, 2020

08:30–08:40 Welcome

SESSION I – STEM CELL BIOLOGY: FROM STRESS TO FAILURE
Chairs: Tim Brümmendorf and Markus Manz

08:40-08:45 Introduction
08:45-09:00 Haematopoietic stem cell activation and failure
09:00-09:05 Discussion

09:05-09:20 Genotoxic stress and repair in stem cells
09:20-09:25 Discussion

09:25-09:40 Inflammageing of the haematopoietic system
09:40-09:45 Discussion

09:45-09:52 Selected brief oral communication
09:52-09:55 Discussion
09:55-10:25 Panel discussion

10:25-10:55 Coffee Break

SESSION II – CONSTITUTIONAL MARROW FAILURE 1: FANCONI ANAEMIA (FA)
Chairs: Carlo Dufour and Inderjeet Dokal

10:55-11:00 Introduction
11:00-11:15 Fanconi anemia : diagnostic and natural history in the bone marrow
11:15-11:20 Discussion
DRAFT Programme 19/11/2019 – speakers pending confirmation

11:20-11:35   Classical and new treatment of Fanconi anaemia
              Carlo Dufour (Genova)
11:35-11:40   Discussion

11:40-11:55   Gene therapy for Fanconi anaemia
              Juan Bueren (Madrid)
11:55-12:00   Discussion

12:00-12:07   Selected brief oral communication
              Speaker
12:07-12:10   Discussion

12:10-12:40   Panel discussion

12:40-14:20   Lunch

13:10-14:10   Possible slot for a satellite symposium

SESSION III – CONSTITUTIONAL MARROW FAILURE 2: RIBOSOME DISEASES
Chairs: Marc H. G. P. Raaijmakers and Alan Warren

14:20-14:25   Introduction
              Speaker
14:25-14:40   Diamond-Blackfan anaemia (DBA), ribosome and haematopoiesis
              Vijay Shankaran (Boston)
14:40-14:45   Discussion

14:45-15:00   Shwachman-Diamond syndrome (SDS) and related
              ribosomopathies
              Alan Warren (Cambridge)
15:00-15:05   Discussion

15:05-15:20   Management of ribosomopathies
              Yigal Dror (Toronto)
15:20-15:25   Discussion

15:25-15:32   Selected brief oral communication
              Speaker
15:32-15:35   Discussion

15:35-16:05   Panel discussion

16:05-16:35   Coffee break

SESSION IV – CONSTITUTIONAL MARROW FAILURE 3: TELOMERE BIOLOGY DISEASES
Chairs: Inderjeet Dokal and Tim Brümmendorf

16:35-16:40   Introduction
              Speaker
16:40-16:55   Telomeres and telomerase in health and aging
              Alison Bertuch (Texas)
16:55-17:00   Discussion

17:00-17:15   Dyskeratosis congenita and related haematological diseases
              Inderjeet Dokal (London)
17:15-17:20   Discussion

17:20-17:35   Diagnosis and clinical presentation of adult onset
              telomeropathies
              Fabian Beier (Aachen)
17:35-17:40   Discussion
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17:40-17:47  Selected brief oral communication  Speaker
17:47-17:50  Discussion

17:50-18:20  Panel discussion and/or controversial debates

18:20  Get together and poster walks (stand up buffet dinner for all)

Saturday, November 14th, 2020

09:00-10:00  Possible slot for a satellite symposium

09:00-10:00  3 Simultaneous Meet the Expert sessions (non-clinical)

10:00-10:30  Coffee break

SESSION V – IMMUNE APLASTIC ANAEMIA AND PAROXYSMAL NOCTURNAL HAEMOGLOBINURIA (PNH) 1. PATHOPHYSIOLOGY AND DIAGNOSIS
Chairs: Neal Young and Regis Peffault de Latour

10:30-10:35  Introduction  Speaker
10:35-10:50  Pathophysiology of immune aplastic anaemia  Neal Young (Bethesda)
10:50-10:55  Discussion
10:55-11:10  Pathophysiology of PNH  John Lambris (Philadelphia)
11:10-11:15  Discussion
11:15-11:30  Modern diagnosis of aplastic anaemia and PNH  Austin Kulasekararaj (London)
11:30-11:35  Discussion
11:35-11:42  Selected brief oral communication  Speaker
11:42-11:45  Discussion
11:45-12:15  Panel discussion

12:15-13:55  Lunch

12:45-13:45  Possible slot for a satellite symposium

SESSION VI – IDIOPATHIC APLASTIC ANAEMIA AND PAROXYSMAL NOCTURNAL HAEMOGLOBINURIA (PNH) 2. DIFFERENTIAL DIAGNOSIS AND CLONAL EVOLUTION
Chairs: Neal Young and George Vassiliou

13:55-14:00  Introduction  Speaker
14:00-14:15  Innate immunity and clonal evolution in bone marrow failure  Alan List (Tampa)
14:15-14:20  Discussion
14:20-14:35  Impact of clonal haematopoiesis in aplastic anaemia  Jaroslaw P. Maciejewski (Cleveland)
14:35-14:40  Discussion
DRAFT Programme 19/11/2019 – speakers pending confirmation

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<th>Time</th>
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<th>Speaker</th>
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<tbody>
<tr>
<td>14:40-14:55</td>
<td>Health-related quality of life and its assessment in aplastic anaemia and paroxysmal nocturnal haemoglobinuria</td>
<td>Jens Panse (Aachen)</td>
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<td>14:55-15:00</td>
<td>Discussion</td>
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<td>15:00-15:07</td>
<td><strong>Brief oral communication</strong></td>
<td>Speaker</td>
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<td>15:07-15:10</td>
<td><strong>Discussion</strong></td>
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<td>15:10-15:40</td>
<td><strong>Panel discussion</strong></td>
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<td>15:40-16:10</td>
<td><strong>Coffee break</strong></td>
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**SESSION VII – TREATMENT OF IMMUNE APLASTIC ANAEMIA (AA)**
**Chairs: Judith Marsh and Carlo Dufour**

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<tr>
<td>16:10-16:15</td>
<td>Introduction</td>
<td>Speaker</td>
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<tr>
<td>16:15-16:30</td>
<td>Immunosuppression and TPO agonists</td>
<td>Régis Peffault de Latour (Paris)</td>
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<td>16:30-16:35</td>
<td><strong>Discussion</strong></td>
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<td>16:35-16:50</td>
<td>Why and how to transplant in aplastic anaemia ?</td>
<td>Andrea Bacigalupo (Rome)</td>
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<td>16:50-16:55</td>
<td><strong>Discussion</strong></td>
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<td>16:55-17:10</td>
<td>How to handle moderate aplastic anaemia</td>
<td>Judith Marsh (London)</td>
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<td>17:10-17:15</td>
<td><strong>Discussion</strong></td>
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<td>17:15-17:22</td>
<td><strong>Brief oral communication</strong></td>
<td>Speaker</td>
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<td>17:22-17:25</td>
<td><strong>Discussion</strong></td>
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<td>17:25-17:55</td>
<td><strong>Panel discussion and/or controversial debates</strong></td>
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**Sunday, November 15th, 2020**

**SESSION VIII – TREATMENT OF PAROXYSMAL NOCTURNAL HAEMOGLOBINURIA (PNH)**
**Chairs: Regis Peffault de Latour and Hubert Schrezenmeier**

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<td>08:40-08:45</td>
<td>Introduction</td>
<td>Speaker</td>
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<td>08:45-09:00</td>
<td>Classical treatment of PNH interchancheable</td>
<td>Hubert Schrezenmeier (Ulm)</td>
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<td>09:00-09:05</td>
<td><strong>Discussion</strong></td>
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<td>09:05-09:20</td>
<td>Challenging situations</td>
<td>Anita Hill (Leeds)</td>
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<td>09:20-09:25</td>
<td><strong>Discussion</strong></td>
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<td>09:25-09:40</td>
<td>Novel complement inhibitors</td>
<td>Antonio Risitano (Naples)</td>
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<td>09:40-09:45</td>
<td><strong>Discussion</strong></td>
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09:45-09:52  Brief oral communication  Speaker
09:52-09:55  Discussion

09:55-10:25  Panel discussion and/or controversial debates

10:25-10:55  Coffee break

SESSION IX – EMERGING AREAS AND NEW CHALLENGES
Chairs: Marc H. P. Raaijmakers and Lucy Godley

10:55-11:00  Introduction  Speaker

11:00-11:15  Genetic editing of haematopoietic stem cells. Are we getting there?  Matthew Porteus (Stanford)
11:15-11:20  Discussion

11:20-11:35  Unraveling the Biology of Normal and Malignant Hematopoietic Stem and Progenitor Cells at the Single Cell Level  Sten Eirik Jacobsen (Karolinska/Oxford)
11:35-11:40  Discussion

11:40-11:55  Genetic predisposition for myeloid malignancies: clinical management  Lucy Godley (Chicago)
11:55-12:00  Discussion

12:00-12:07  Brief oral communication  Speaker
12:07-12:10  Discussion

12:10-12:40  Panel discussion and/or controversial debates

12:40-12:50  Closing Remarks

MEETING CLOSURE