

Bone marrow failure syndromes (BMFS) with a focus on aplastic anemia in adults and paediatrics

University Hospital RWTH Aachen, Germany

28th October – 1st November 2024

Coordinated by PD Dr Jens Panse

4 participants

Teachers

- [PD Dr. Jens Panse](#)
- [Prof Dr. Tim Brümmendorf](#)
- [PD Dr. Fabian Beier](#)
- PD Dr. Mirle Schemionek-Reinders
- Dr. Robert Meyer
- Prof. Dr. Udo Konzny
- Lucie Vankann
- Tbd (patient advocacy group)
- Tbd (Pathology/Cytology/flow cytometry/genetics/research lab)

Description

This preceptorship is intended to provide applicants with the clinical, laboratory and pathophysiologic basics as well as with the tools for a rationale diagnostic and therapeutic approach to patients with BMFS. The focus will be put on clinical understanding of aplastic anemia in pediatric and mainly in adult patients. However, the whole spectrum of BMFS will be covered

including the emerging and growing part of inherited BMFS (iBMFS) including telomere biology disorders (TBDS). Participants will be able to familiarize with coordinated approaches to patients with AA and other BMFS and with rationale diagnostics and guideline-based therapeutics.

Objectives

- to learn a structured clinical and diagnostic approach to patients with BMFS with a focus on aplastic anemia and its main differential diagnosis
- to learn various treatment forms (immunosuppressive therapy [IST], bone marrow transplantations [BMT]) as well as experimental treatment forms of AA/BMFS
- to learn basic structural, clinical and laboratory requirements for care of AA/BMFS patients
- to get an insight into basic diagnostic techniques in regards to AA (e.g. flow cytometry, colony forming assays, cyto-/molecular genetics etc.)
- to become informed about patient perspectives/relevant issues

Venue

& Department of Hematology, Oncology, Hemostaseology and Stem Cell Transplantation, University Hospital RWTH Aachen, Aachen, Germany

Pauwelsstrasse 30, 52074 Aachen, Germany.

Agenda

28th of October 2024 (9 am – 6 pm)

Venue & Room to be confirmed closer to the date

- Interactive lectures about pathophysiological basics as well as on laboratory and clinical tools regarding
- Practical tutorials within hematology and basic science lab (in regards to AA diagnostics and research)

29th of October 2024 (9 am – 6 pm)

Venue & Room to be confirmed closer to the date

- Tutorials/case reports on aplastic anemia and related disorders, e.g. pure red cell anemia (PRCA), Paroxysmal Nocturnal Hemoglobinuria (PNH) and other
- Discussion of challenging cases including cases brought by the attendees
- Tutorial on pediatric cases

30th of October 2024 (9 am – 6 pm)

Venue & Room to be confirmed closer to the date

- Attendance during outpatient clinics, ward rounds (including BMT unit)

- Genetics in inherited and non-inherited BMFS
- Tutorials on specific aspects (e.g. TBDs, long-term follow-up, treatment side effects, and others)

31st of October 2024 (9 am – 6 pm)

Venue & Room to be confirmed closer to the date

- Attendance during outpatient clinics, ward rounds (including BMT unit)
- Microscopy, histology, pathology attendance
- Interactive tutorial about patient perspective

1st of November 2024 (9 am – 6 pm)

Venue & Room to be confirmed closer to the date

- Round table discussion on emerging issues, outstanding questions
- Discussion about potential prospective interaction/common projects
- Wrap-up

This program, developed within the ERN-EuroBloodNet framework, is sponsored by EuroBloodNet Association through a grant supported by Pfizer.