

Dear colleagues and patients

We invite you to join us for an interactive symposium on sex- and gender-specific issues in transplantation as important, but potentially under-recognized factors determining patient and transplant outcomes. Our symposium will connect clinicians, researchers, and patients from around the globe by combining in-person meeting at Herrenhausen Palace with virtual workshops.

The National Institute of Health (NIH), the Deutsche Forschungsgemeinschaft (DFG) and an increasing number of other funding agencies expect that sex as a biological variable will be factored into research designs, analyses, and reporting in vertebrate animal and human studies. The recognition of potential differences and their impact for science has been an important step forward. It reinforces the establishment of still mostly unavailable, but necessary scientific insights. Sex refers to the biological and physiological differences, gender is seen as a social concept.

In contrast to the predominantly taken perspective, i.e. the male perspective, we will make an effort to report the existing evidence from a female perspective and beyond. It starts by providing epidemiological findings on access and outcome in transplantation, followed by evaluating underlying and causative factors for known disparities. We discuss with researchers, clinicians and patients how to implement sex/gender related questions in basic and clinical research proposals. In addition to including patients' expectations, we also want to shed light on the situation of female researchers, especially clinician-scientists, in the field of transplantation.

We look forward to presenting a comprehensive overview of the current evidence and expect to identify areas where more basic and/or clinical research is needed, especially from a female patient-centered perspective and in support of female careers.

**Bethany Foster**  
**Anette Melk**

*Montreal, Los Angeles, Hannover, Sydney*

**Louise Lermينياux**  
**Germaine Wong**

### Registration & Abstract submission

Please register and/or submit your abstract by emailing to [DiversityInTransplantation@mh-hannover.de](mailto:DiversityInTransplantation@mh-hannover.de)

For further information please visit our website:  
<http://www.DiversityInTransplantation.com>

### Venue

Herrenhausen Palace Congress Center  
Herrenhäuser Strasse 5  
30419 Hannover

### Sponsor

This symposium is kindly financed by



### Partners

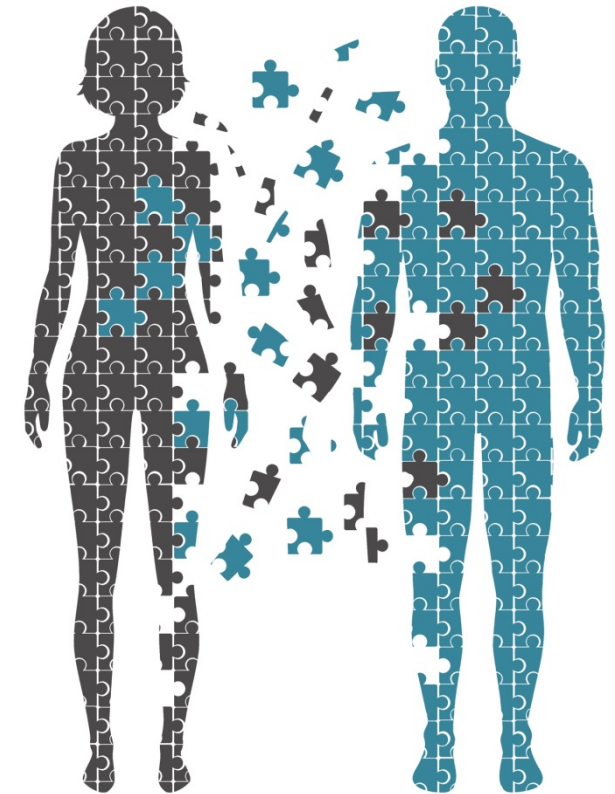
We are grateful to the following supporters



### Child care

Childcare services for children from 0 to 12 years will be available free of charge. Please request in your registration if you need childcare service.

## Sex/gender in transplantation The female perspective



Exploring the needs and  
defining the areas for  
future research

International Symposium  
October 5-7, 2022

Our symposium in close cooperation with Women in Transplantation (WIT) and the DFG funded clinician scientist program PRACTIS intends to shed light on the question how sex and gender affect different aspects of the transplantation process.

## October 5<sup>th</sup>, 2022

- 12:00 Greetings**  
Sabine Johannsen  
Ministry of Science & Culture, Lower Saxony  
Michael Manns  
President, Hannover Medical School  
Louise Lermينياux  
Patient advocate, Los Angeles
- 12:30 Sex and gender in transplantation**  
Introduction and interactive session  
Anette Melk, Hannover, Germany
- Session I Epidemiology / Clinical data**  
*Moderators: Martina deZwaan & Kai Schmidt-Ott Hannover, Germany*
- 13:00 Global impact of sex and gender disparity**  
Germaine Wong, Sydney, Australia
- 13:20 Sex and gender in transplantation: Perspective of an Editor-in-Chief**  
Jeremy Chapman  
Editor-in-Chief Transplantation  
Sydney, Australia
- 13:40 Coffee break**
- 14:10 Graft outcome**  
Bethany Foster, Montreal, Canada
- 14:30 Cardiovascular risk**  
Anette Melk, Hannover, Germany
- 14:50 Oral abstract presentations**
- 15:50 Parallel events – Breakout rooms**
- Panel A.1 Women in transplantation medicine and research**  
*Moderators: Beth Foster & Jelena Epping*  
Participants from Western hemisphere
- 17:30 Clinicians, clinician-scientists, scientists & health care professionals**
- 19:30 Get-together**

## October 6<sup>th</sup>, 2022

### Panel A.2 Women in transplantation medicine and research

*Moderators: Curie Ahn & Anna Saborowski*  
Participants from Eastern hemisphere

**08:30 Clinicians, clinician-scientists, scientists & health care professionals**

**10:30 Parallel events – Breakout rooms**

**12:00 Lunch break**

### Session II Insights into basic research and methodology

*Moderator: Lori West, Edmonton, Canada*  
*Philipp Beerbaum, Hannover, Germany*

**13:00 Genes, hormones and alloimmunity**  
Stefan Tullius, Boston, USA

**13:20 H-Y and the humoral response**  
Anita Chong, Chicago, USA

**13:40 Cellular sex differences**  
Leslie Leinwand, Boulder, USA

**14:00 Oral abstract presentations**

**15:00 Coffee break**

### Session III Professional development

*Moderator: Niels Walker, Science journalist*

**15:30 Achieving equity in transplant careers**  
Marina Berenguer, Valencia, Spain

**15:50 Discussion**  
Representatives from all groups

**17:10 Refreshments**

### Panel B.1 Unmet needs in transplantation medicine and research

*Moderators: Stefan Tullius*  
Participants from Western hemisphere

**17:30 Perspectives from clinicians, scientists & patients**

**19:30 Dinner (incl. award presentation)**

## October 7<sup>th</sup>, 2022

### Panel B.2 Unmet needs in transplantation medicine and research

*Moderator: Beth Foster & Rizky Sugianto*  
Participants from Eastern hemisphere

**08:30 Perspectives from clinicians, scientists & patients**

**10:30 Parallel events – Breakout rooms**

**12:00 Lunch break**

### Motivational speech

*Moderator: Nima Memaran, Hannover, Germany*

**13:00 Sex, gender and intersectionality**  
TBA

### Session IV Patient-centered care

*Moderators: Ruth Sapir-Pichhadze, Montreal, Canada*  
*Siegfried Geyer, Hannover, Germany*

**13:30 What matters to us – Overcoming tabus**  
Louise Lermينياux, Los Angeles, USA

**13:50 Health-related quality of life after transplantation**  
TBA

**14:10 Fertility, pregnancy and decision making**  
Shilpanjali Jesudason, Adelaide, Australia

**14:30 Oral abstract presentations**

**15:00 Coffee break**

### Session V Definition of future research areas

*Moderator: Niels Walker, Science journalist*

**15:30 Summary from Panel B**  
Bethany Foster

**15:50 Discussion**  
Representatives from all groups

### Conclusions

**16:40 Concluding remarks / Farewell**  
Bethany Foster, Louise Lermينياux,  
Anette Melk, Germaine Wong

**17:30 Individual group discussions – Breakout rooms**