# MUCOSAL IMMUNOLOGY DAYS

July 8-10, 2027

## Symposium 248
## GOTHENBURG, SWEDEN

APPLICATION FOR CME CREDITS SUBMITTED

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An application has been made to the UEMS EACCME® for CME accreditation of this event. The number of credits awarded will be printed in the final program.

# PREFACE

Building on the success of the previous translational meetings on inflammatory bowel disease (IBD) in Potsdam and Oxford, the 2027 Falk Symposium in Gothenburg continues the dialogue between basic and clinical research by focusing on the biological and clinical continuum of IBD development. The meeting will provide a unique forum for clinical scientists, basic scientists and translational researchers to discuss how advances in fundamental immunology, microbiology, genetics and systems medicine can translate into improved patient care, and how clinical observations can, in turn, drive new scientific discoveries.

Rather than viewing IBD as a static disease, this symposium follows its natural history from health to disease and beyond. We begin by exploring the mechanisms that maintain intestinal homeostasis. From there, we examine the earliest phases of disease development, discussing the transition from health to immune dysregulation, the border of autoimmune disease, and the progression from preclinical immune activation to target organ involvement. Particular emphasis will be placed on the biological events that precede symptom onset and on identifying opportunities for early intervention.

We then follow the patient journey into established clinical disease, addressing the challenges of diagnosis, disease stratification, disease modification and emerging opportunities in precision medicine. As our understanding of disease heterogeneity evolves, integrating molecular mechanisms with clinical phenotypes becomes increasingly important for personalized therapy.

Beyond disease control, the symposium addresses the long-term consequences of IBD, including disease progression, structural complications, disability and the challenges of ageing with IBD. Understanding these later stages of disease is essential for improving lifelong health and quality of life in an expanding population of patients

Finally, we look ahead to the next generation of innovation in the field. Emerging technologies, multi-omics, artificial intelligence, biomarker discovery and preventive strategies are opening new perspectives for disease interception before irreversible tissue damage occurs - having the potential to fundamentally reshape IBD management

A hallmark of this symposium is its commitment to fostering dialogue across disciplines and career stages. By bringing together experts from complementary fields and encouraging active discussion, we aim to strengthen the translational bridge between mechanistic research and clinical application. The program also highlights the contributions of the next generation of investigators through dedicated poster pitch sessions.

We hope that this symposium will stimulate scientific exchange, inspire new collaborations and accelerate the translation of innovative discoveries into meaningful advances for people living with IBD.

Petter Brodin, Charlotte Hedin, Jonas Halfvarson, Britta Siegmund

# MUCOSAL IMMUNOLOGY DAYS

## July 8-10, 2027

**Scientific Organization:**
Petter Brodin, Stockholm
Jonas Halfvarson, Örebro
Charlotte Hedin, Stockholm
Britta Siegmund, Berlin

**Congress Venue:**
Radisson Blu Scandinavia
Södra Hamngatan 59
401 24 Gothenburg
Sweden

For admission to scientific events your name badge should be clearly visible.

Accompanying persons are not permitted during the conference at any time.

**Call for Posters:**
An ePoster session will be held.
For details see page 12.

**Start of Registration:**
Thursday, July 8, 2027
12:30 h at the congress office

**Publication Date of the Final Program:**
July 2027

The final program will be available on the website www.falkfoundation.org one week before the start of the symposium.

# THURSDAY, JULY 8, 2027

| | |
|---|---|
| **13:00** | **Networking Lunch** |
| **14:00** | Welcome |

## SESSION I

### Healthy gut: Foundations of long-term intestinal health

**Chairs**

| | |
|---|---|
| **14:05** | Keynote lecture: Establishing immune-microbiome interactions in newborns |
| **14:35** | Intestinal mucus: The protective layer? |
| **14:50** | Intestinal T cell immunity: A defence mechanism? |
| **15:05** | Dendritic cells as regulators of intestinal immune homeostasis |
| **15:20** | **Panel discussion** |
| **15:50** | **Coffee break with ePoster session** |

## SESSION II

### Border of autoimmune disease: Early disease initiation

**Chairs**

| | |
|---|---|
| **16:40** | Antibody patterns reflecting previous microbial exposure |
| **16:55** | Early proteomic signals in IBD and the role of αvβ6 |
| **17:10** | Environmental exposure: A driver of early disease? |
| **17:25** | **Panel discussion** |

## SESSION III

### Poster pitches

**Chairs**

| | |
|---|---|
| **17:50** | 10 poster pitches (each 3 minutes plus 2 minutes discussion) |
| **18:40** | **Welcome evening** |

# FRIDAY, JULY 9, 2027

## SESSION IV

### Border of autoimmune disease: Progression to target organ involvement

**Chairs**

| | |
|---|---|
| **09:00** | Keynote lecture: Experience from type 1 diabetes |
| **09:30** | Detecting subclinical IBD |
| **09:45** | Early mucosal changes |
| **10:00** | Impact of the intestinal microbiota on disease development |
| **10:15** | Organoids as model systems: Can early disease be mimicked? |
| **10:30** | **Panel discussion** |
| **11:00** | **Coffee break with ePoster session** |

## SESSION V

### Clinical disease: From symptoms to diagnosis

**Chairs**

| | |
|---|---|
| **11:50** | Recognizing the four stages of IBD |
| **12:05** | Early endoscopic changes |
| **12:20** | Prognostic markers: The biology of disease progression |
| **12:35** | **Panel discussion** |
| **13:00** | **Lunch break with ePoster session** |

## SESSION VI

### Disease modification: Towards precision medicine

**Chairs**

| | |
|---|---|
| **14:00** | Keynote lecture: The role of B cells in IBD |
| **14:30** | B cell therapies |
| **14:45** | Cytokine-blocking antibodies: Cause or consequence? |
| **15:00** | Can genetics explain IBD in 2027? |
| **15:15** | **Panel discussion** |
| **15:45** | **Coffee break with ePoster session** |

## SESSION VII

### Poster pitches

**Chairs**

| | |
|---|---|
| **16:35** | 10 poster pitches (each 3 minutes plus 2 minutes discussion) |

# FRIDAY, JULY 9, 2027

## SESSION VIII

### Late-stage disease: Progression and complications

**Chairs**

| | |
|---|---|
| **17:25** | Keynote lecture: No inflammation: No fibrosis? |
| **17:55** | Spatial information on fistulizing disease |
| **18:10** | What can we learn from complicated cases? |
| **18:25** | **Panel discussion** |
| **18:50** | **Presentation of Poster Awards** |
| **19:00** | **Scientific networking with flying buffet** |

# SATURDAY, JULY 10, 2027

## SESSION IX

### Long-term health: Aging with IBD

**Chairs**

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|---|---|
| **9:00** | Aging of the glycome |
| **9:15** | Cardiovascular risk in IBD |
| **9:30** | Infection risk in IBD |
| **9:45** | Malignancy risk in IBD |
| **10:00** | Pregnancy and reproductive health in IBD |
| **10:15** | **Panel discussion** |
| **10:45** | **Coffee break with ePoster session** |

## SESSION X

### Disease interception: The future of IBD

**Chairs**

| | |
|---|---|
| **11:35** | Screening high-risk individuals: Need for at-risk clinics? |
| **11:50** | Molecular understanding of preventive strategies: Appendectomy in UC |
| **12:05** | Prevention studies in IBD |
| **12:20** | **Panel discussion** |
| **12:45** | **Closing remarks** |
| **12:55** | **Closing discussion with lunch** |

# POSTER SESSION

ePosters will be displayed on our screens on July 8-10, 2027. We kindly ask the authors to be present during coffee and lunch breaks on both days to discuss their work.

# CALL FOR POSTERS

Please submit your abstract by April 4, 2027, using our online submission system (https://poster.falkfoundation.org). The system will guide you through the submission process and provide further information on formatting requirements.

The abstracts will be reviewed by the scientific organizers, with preference given to those that align thematically with one of the final meeting sessions. Accepted abstracts will be published in the final program.

Abstract submitters will be informed about acceptance and receive further instructions in April 2027.

For the first author of an accepted abstract, registration fee and accommodation (July 8-10, 2027) will be covered during Symposium 248. Travel expenses will not be covered.

# POSTER AWARDS

Prizes of up to EUR 3.000, along with coverage of travel expenses, will be awarded for the best posters. Winners will be invited to give a short presentation (2–5 minutes) of their poster during the award ceremony.

# REGISTRATION

You can register for the event via our homepage:
**www.falkfoundation.org**
**Registration is only possible online.**

You will receive an automatic confirmation of registration by e-mail.
Please transfer the congress fee to the bank account listed in the e-mail within two weeks.

# CONGRESS FEES

| | |
|---|---|
| **Scientific Program of Symposium 248** | EUR 300 |
| **Students** (copy of student ID required) | EUR 150 |

**The congress fees include:**
- Pre-Opening and Welcome on Thursday, July 8, 2027
- Refreshments during coffee breaks
- Lunch on Friday and Saturday, July 9 and 10, 2027
- A copy of the final program

# CONGRESS OFFICE AND REGISTRATION

**Opening Hours:**

| | |
|---|---|
| Thursday, July 8, | 12.30 – 18:30 h |
| Friday, July 9, | 08:00 – 19:00 h |
| Saturday, July 10, | 08:30 – 13:00 h |

The Falk Foundation will take pictures during the meeting. Additionally, parts of the meeting might be recorded. By participating all attendees consent and agree with the recording and the photo shoots.

# ARRIVAL

**Radisson Blu Scandinavia**
Södra Hamngatan 59
401 24 Gothenborg
Sweden

**By car**

The hotel offers safe car parking with direct access to the hotel. EV parking available.

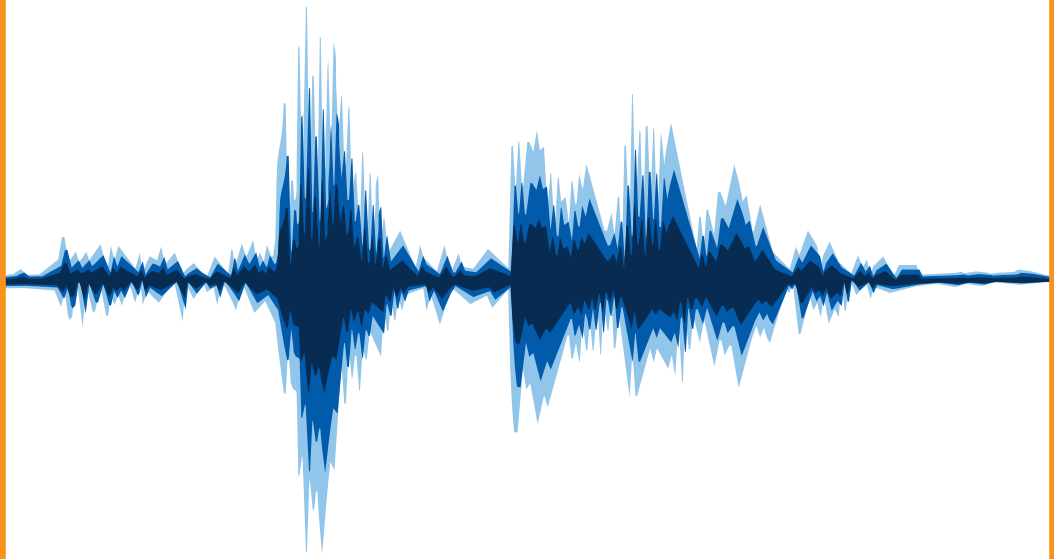
**By plane**

From Landvetter Airport it's 24 km (25 min by car). There is an airport bus which takes approx. 20 minutes

**By train**

The Central Station is just 200m away.

## Registration via www.falkfoundation.org or simply scan and register



**Together we know more. Together we do more.**

**Falk Foundation e.V.** | Leinenweberstr. 5 | 79108 Freiburg | Germany
T: +49 761 1514-400 | F: +49 761 1514-460 | E-Mail: meeting@falkfoundation.org
www.falkfoundation.org