



con il patrocinio



Città di
Busto Arsizio

THE ENTERIC NERVOUS SYSTEM IN HEALTH AND DISEASE:

WORKSHOP

Università degli studi dell'insubria

MAY 29, 2026
9am-6pm



**Sala Conferenze
Museo del Tessile,
Busto Arsizio**

<https://cns.uninsubria.it>
centro.neuroscienze@uninsubria.it

Dedicated to the study of the enteric nervous system, with a focus on the latest evidence on the regulatory mechanisms of the complex neural network innervating the gastrointestinal tract



THE ENTERIC NERVOUS SYSTEM IN HEALTH AND DISEASE Program

FRIDAY, MAY 29, 2026

8.30 AM – 9 AM REGISTRATION AND POSTERS SET UP

9 AM – 9.30 AM WELCOME AND OPENING

9.30 AM – 12.40 PM MORNING SESSION

Plenary lectures

Chair: Cristina Giaroni

9.30 AM - 10.30 AM Prof. Pieter Vanden Berghe (Leuven Brain Institute):
Complexity of the enteric nervous system as revealed by microscopy

10.30 AM - 11.30 AM Prof. Werend Boesmans (Maastricht University):
Enteric glia as an important mediator of enteric nervous system homeostasis in health and disease

11.30 AM – 12 AM Coffee break

Short talks Chair: Isabella Barbiero

12.00 PM - 12.20 PM Fabiana Miraglia (Scuola Normale Superiore, Pisa)
 α -Synuclein Aggregation Drives Significant Glia-neuronal Network Remodeling in Primary Enteric Cultures

12.20 PM - 12.40 PM Giorgia Valetti (University of Insubria)
Beyond the brain: uncovering gut barrier defect in CDKL5 deficiency disorder

12.40 AM – 2 PM LUNCH BUFFET AND POSTER SESSION

2.00 PM – 4.40 PM AFTERNOON SESSION

Short talks Chair: Erica Zamberletti

2.00 PM - 2.20 PM Annalisa Bosi (University of Insubria)
*Gender-specific influence of antibiotic-induced dysbiosis and *Lactocaseibacillus rhamnosus* GG (ATCC 53103) effect on gastrointestinal motility in adolescent mice*

2.20 PM - 2.40 PM Francesca Terrin (University of Padova)
beta-sitosterol beta-D-glucoside (BSSG) triggers intestinal inflammation in zebrafish and mouse models before the onset of neurodegeneration

Plenary lectures

Chair: Werend Boesmans

2.40 PM - 3.40 PM Prof. Cristina Giaroni (University of Insubria):
The enteric nervous system at the crossroad of the microbiota-gut-brain axis

3.40 PM - 4.40 PM Prof. Cecilia Giron (University of Padova):
Communication between gut microbiota and neurons: the toll like story

4.40 PM – 5 PM CLOSING REMARKS

5:30 PM POSTERS REMOVED



ADMISSION will be on a first-come, first-served basis (up to 100 participants)



REGISTRATION until May 1, 2026
ABSTRACT SUBMISSION closes on March 28, 2026

CONFERENCE WEBSITE:
uninsubria.it/node/8942

or contact:
centro.neuroscienze@uninsubria.it

