

ECI Symposium Schedule

Event website: <https://event.fourwaves.com/ecisymposium>

For poster access and full event website functionality, please register at:

<https://event.fourwaves.com/ecisymposium/registration>

* **All times are EDT.**

Zoom pass code for all sessions: **ECI2021**

10:00 AM **Conference Opening** **(Zoom meeting ID 85269415007)**

10:00 AM - 10:15 AM Opening remarks by the planning committee:
Nicole Perry-Hauser, Brian Bender, Andreas Bock, Desislava Nesheva, and Martha Sommer

10:15 AM **Session 1 - Signaling Partners** **(Zoom meeting ID 85269415007)**

10:15 AM - 11:00 AM Short talks by ECIs selected from abstracts
Chairs: Brian Bender and Desislava Nesheva

Presentations (3)

Noncanonical interactions of G proteins and β -arrestins: from competitors to companions
Jeffrey S. Smith

GRK2/3 overexpression negatively influences Gq coupled signaling
Natasha Jaiswal

Dissociation of the intramolecularly cleaved N- and C-terminal fragments of the adhesion G protein-coupled receptor GPR133 (ADGRD1) increases its canonical signaling in glioblastoma.
Joshua Frenster

11:05 AM **Session 2 - Structural Biology** **(Zoom meeting ID 82355992971)**

11:05 AM - 11:50 AM Short talks by ECIs selected from abstracts
Chairs: Nicole Perry-Hauser and Andreas Bock

Presentations (3)

How may GPCR dimers get activated? Insights from cryo-EM snapshots of the entire class D1 GPCR activation pathway
Vaithish Velazhahan

Active state structures of the melanocortin-4 receptor-Gs complex bound with agonists NDP- α -MSH and setmelanotide
Nicolas Heyder

Structural insights into G-protein coupled receptor activation
Kaavya Krishna Kumar

12:00 PM **Keynote I** **(Zoom meeting ID 89719773777)**

12:00 PM - 12:45 PM **Masha Niv**, Hebrew Institute of Jerusalem
Chair: Brian Bender

1:00 PM Lunch (Breakfast/Dinner) Session w/ GPCR Leaders (Zoom meeting ID 82309193953)

1:00 PM - 2:00 PM ECIs will be grouped with various GPCR leaders for an informal lunch session. Attendees are encouraged to ask questions about career paths/job opportunities/etc.

2:05 PM Session 3 - Translational Applications, ... (Zoom meeting ID 87139186926)

2:05 PM - 3:05 PM Short talks by ECIs selected from abstracts
Chairs: Nicole Perry-Hauser and Andreas Bock

Presentations (4)

Opsin 3 regulates melanocortin receptor signaling
Hala Haddad

Analyzing the Internalization Behavior of Chemerin 9 and the CMKLR1 Receptor to Establish a Peptide Based Shuttling System
Anne Sophie Czerniak

Approaches to Dissect the Role of Endosome Positioning in Spatially Encoded GPCR Signaling
Blair Willette

Single molecule and fluorescence spectroscopy analyses reveal dynamic and ligand-sensitive dimerization of CXCR4
Ali Isbilir

3:15 PM Breakout Sessions IA & IB (Zoom meeting ID 86450148568)

3:15 PM - 3:45 PM IA: **Laura Bohn**, Scripps Research

3:15 PM - 3:45 PM IB: **Martin Lohse**, ISAR Bioscience, Munich, Germany

3:45 PM Breakout Sessions IIA & IIB (Zoom meeting ID 82038727446)

3:45 PM - 4:15 PM IIA: **Mark von Zastrow**, UCSF

3:45 PM - 4:15 PM IIB: **Fiona Marshall**, Merck

4:20 PM Poster Session A Go to Poster Hall: <https://event.fourwaves.com/ecisymposium/abstracts>

4:20 PM - 5:00 PM (registration and logon required)

5:05 PM Poster Session B Go to Poster Hall: <https://event.fourwaves.com/ecisymposium/abstracts>

2:05 PM - 2:45 PM (registration and logon required)

5:50 PM Keynote II (Zoom meeting ID 89832251323)

5:50 PM - 6:35 PM **Laura Wingler**, Duke
Chair: Andreas Bock

6:40 PM Symposium Closing (Zoom meeting ID 89832251323)

6:40 PM - 6:50 PM Closing remarks from the symposium committee and prizes for posters