

Invited Speakers

1. Rafael Fissore (University of Massachusetts, Amherst, USA):
2. Natacha Prevarskaya (Universite de Lille, France):
3. Marek Michalak (University of Alberta, Canada): invited-accepted
4. Ilya Bezprozvanny (UT Southwestern Medical Center at Dallas, USA):
5. Andreas Guse (University Medical Centre Hamburg-Eppendorf, Hamburg, Germany):
6. Barbara Ehrlich (Yale University, New Haven, USA):
7. Paola Pizzo (University of Padua, Italy):
8. David Yule (University of Rochester, USA):
9. Malene Brohus (Aalborg University, Denmark):
10. Ana-Garcia Saez (University of Cologne, Cologne, Germany):
11. Peace Atapka (Cambridge University, UK):
12. Gyorgy Hajnoczky (Thomas Jefferson University, Philadelphia, USA):
13. Martha Cyert (Stanford University, CA, USA):
14. Jan Parys (KU Leuven, Belgium):

Wednesday, November 15th

- Registration + set-up of the posters (12:00 – 14:00)
- Opening Session (14:00 – 15:40)
 - 14:00 Introduction by **Geert Bultynck**
 - 14:15 Opening lecture, **Jan B. Parys**
- Session 1: Ca²⁺ in pathophysiology
 - 15:15 Introduction by **Llew Roderick**
 - 15:20 Invited Speaker 1, **Ilya Bezprozvanny**: " Targeting ER signaling as an approach to treat neurodegeneration "
 - 15:50 Invited Speaker 2, **Natacha Prevarskaya**: "Calcium signaling in cancer cells: new challenges"
 - 16:20 **Selected Short Talk 1**
 - 16:35 coffee break
 - 17:00 Invited Speaker 3, **Barbara Ehrlich**: **Calcium signaling and neuropathy**
 - 17:30 **Selected Short Talk 2**
 - 17:55 Dimitri Staelens, An introduction to Zytology and the history of Belgian Beer
- 18:30 Opening Beer & Cheese reception

Thursday, November 16th

- Coffee (8:30 – 9:00)
- Session 2: Novel insights in Ca²⁺-transport systems
 - 9:00 Introduction by **NN**
 - 9:05 Key Note Speaker 1 (Invited Speaker 4), **David Yule: “Lessons learned from in vivo measurements of Ca²⁺ signals in exocrine glands”**
 - 9:45: Selected Extended Talk 3
 - 10:15 Selected Short Talk 3
 - 10:30 Coffee break
 - 10:55 Invited Speaker 6, **Andreas Guse: “Novel insights in NAADP signaling”**
 - 11:00 Selected Short Talk 4
 - 11:15 Selected Short Talk 5
 - 11:30 Selected Short Talk 6
- Sandwich lunch with poster session (12:05 – 14:25): odd numbers
- Session 3: Cell death and survival (14:25 – 16:30)
 - 14:30 Introduction by Patrizia Agostinis
 - 14:35 Key Note Speaker 2 (Invited Speaker 8), **Ana Garcia-Saez: Calcium fluxes in cell death**
 - 15:15 Invited Speaker 9, **Rafael Fissore: The sophisticated Ca²⁺ toolkit required for the initiation of development in mammals**
 - 15:45 Selected Short Talk 7
 - 16:00 Selected Short Talk 8
 - 16:15 Selected Short Talk 9
- Socio-cultural activities or free time (16:30-19:15)
- * squash Lovanium (Tomas): 5.30pm – 7pm (14 persons in total)
- * Leuven guided walking tour and/or Museum M visit (Rita): 5.30pm - 7.00pm
- Dinner at 7.30pm in Oud Gasthuis/Troubadour

Friday, November 17th

- Coffee (9:00 – 9:30)
- Session 4: Mitochondrial Ca²⁺
 - 9:00 Introduction by **M.D. Bootman**
 - 9:05 Invited Speaker 10 **Peace Atapka**: “Licensing of IP3Rs that deliver Ca²⁺ to mitochondria - a KRAP story”
 - 9:35 Invited Speaker 11 **Paola Pizzo**: “Calcium signalling and organelle contact sites: two interconnected elements in physiological and pathological conditions”
 - 10:05 Selected Short Talk 10
 - 10:20 Selected Short Talk 11
 - 10:35 Coffee break
- Session 5: Novel insights in Ca²⁺-binding proteins & effectors
 - 11:00 Introduction
 - 11:05 Invited Speaker 12 **Malene Brohus**: “Molecular segregation of calmodulin mutation phenotypes”
 - 11:35 Invited Speaker 13 **Marek Michalak**: Interplay between stress sensing, signaling and cardiac excitation-contraction (E-C) coupling
 - 12:05 Invited Speaker 14 **Martha Cyert**: Systematic discovery of calcineurin signaling pathways
 - 12:35 Selected Short Talk 12
 - 12:50 Selected Short Talk 13
- Sandwich lunch with poster session (13:10-15:10): even numbers
 - 15:15 Introduction
 - 15:20 Key note lecture (invited Speaker 15), **G. Hajnoczky**: IP3 receptors and ER-mitochondrial contact sites
 - 16:20 Concluding remarks
- Closing reception (16:45-18:15)