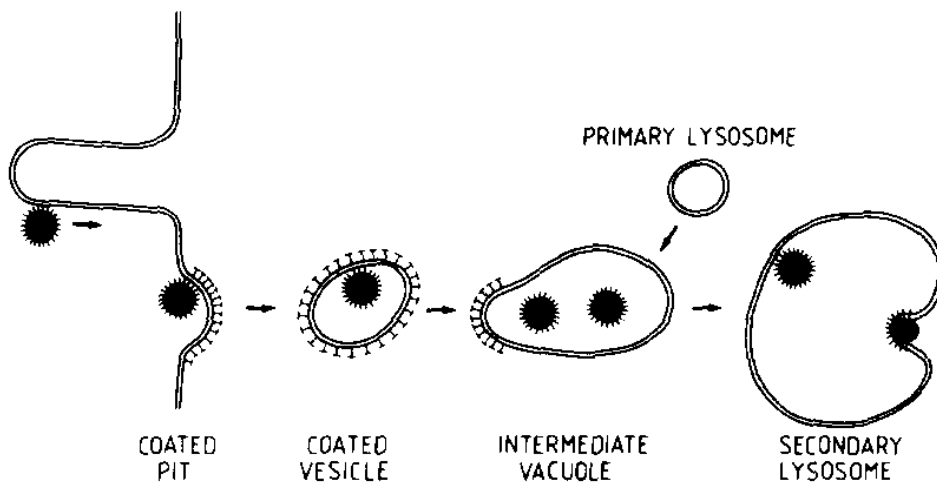


# Cells and Viruses Symposium

- Celebrating the 80<sup>th</sup> Birthday of Ari Helenius -



Helenius, A., Kartenbeck, J., Simons, K., Fries, E. 1980, JCB

**Fri. 13<sup>th</sup> Sept 2024, 9.15-17.00**

ETH Hönggerberg HIT E 51 (Siemens Auditorium)

Organisers: Yohei Yamauchi (ETH Zürich) / Urs Greber (University of Zürich)

Cells and Viruses Symposium, Fri 13. Sept 2024

## Program

### Cells and Viruses Symposium

09.15-09.30 Opening (Yohei Yamauchi, Urs Greber, Kai Simons)

**09.30-10.30 Session 1** (Chair: Kai Simons, MPI-CBG)



09.30-10.00 Ineke Braakman (Uni Utrecht, Faculty of Science)

*Protein folding in and at the ER*



10.00-10.30 Kelsey Martin (UCLA, David Geffen School of Medicine)

*A cell biologist's view of how experience changes neuronal connectivity to store long-term memories*



**10.30-11.00 Coffee Break**



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**11.00-12.40 Session 2** (Chair: Beate Sodeik, Hannover Medical School)



11.00-11.30 Urs Greber (Uni Zürich, Department of Molecular Life Sciences)

*Dissecting viruses - From stepwise entry to assembly by imaging x-scales*



11.30-12.00 Yohei Yamauchi (ETH Zürich, Institute of Pharmaceutical Sciences)

*Enhanced visualization of influenza virus entry using ViViD-AFM*



12.00-12.30 Ivo Sbalzarini (MPI-CBG/TU Dresden, Center for Systems Biology Dresden)

*How computer simulations help understand the role of shape and geometry in cell biology*



12.30-12.40 Valentina Millarte (Agilent)

Agilent/Biotek automated Imaging Plate Readers: applications and possibilities for basic research and drug discovery

**12.40-14.00 Standing Lunch**

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**14.00-15.30 Session 3** (Chair: Paivi Ojala, University of Helsinki)



14.00-14.30 Yves Barral (ETH Zürich, Institute of Biochemistry)

*How Ari influenced my understanding of yeast virology*



14.30-15.00 Manfred Kopf (ETH Zürich, Institute of Molecular Health Sciences)

*Immunity and immunopathology in influenza virus infection*



15.00-15.30 Maurizio Molinari (IRB Bellinzona)

*ER-phagy: The lysosomal turnover of endoplasmic reticulum portions*



**15.30-16.00 Coffee Break**



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**16.00-17.40 Session 4** (Chair: Judy White, University of Virginia)



16.00-16.30 Florian Schmidt (Uni Bonn, Institute of Innate Immunity)

*Dissecting infection and inflammation with camelid nanobodies*



16.30-17.00 Miriam Stöber (Uni Geneva, Department of Cell Physiology and Metabolism)

*Spatiotemporal logic of GPCR signal transduction*



17.00-17.30 Ira Mellman (Genentech, VP Cancer Immunology)

*The cell biology of cancer immunotherapy (via ZOOM)*



17.30-17.40 Closing Remarks

Ari Helenius (ETH Zürich)

