StratRegen Retreat 2026

22–23 October 2026 – Ellery Beach house, Lidingö

Thursday, 22 October

Arrival & Registration
Welcome

Session A - *Bioengineering and Biotechnology*
Host: Christian Göritz

Keynote Speaker - Miki Ebisuya, TU Dresden, Germany
Stem Cell Zoo: a platform for studying species-specific developmental time and shape

Jeroen Goos, Department of Clinical Neuroscience
Click-and-trace: Precision tracking of therapeutic cells using bioorthogonal click chemistry

Rula Zain, Department of Laboratory Medicine
Nucleic-acid therapeutic reprogramming of tandem-repeat disease genes

Session B - *Hematopoietic Stem Cells in Aging, Immunity, and Disease*
Host: Yenan Bryceson

Keynote Speaker - Jennifer Trowbridge, The Jackson Laboratory, USA
Drivers of Fitness in Age-Related Clonal Hematopoiesis

Andrea Ponzetta & Magnus Tobiasson, Department of Medicine, Huddinge
Prevention of relapse after allogeneic stem cell transplantation for patients with MDS: clinical and immunological perspectives

Sten Eirik Jacobsen, Dep. of Medicine, Huddinge; Dep. of Cell and Molecular Biology
In vivo Clonal Fate-mapping of Hematopoietic Stem Cells in Mice and Humans

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Session C – *New Models, New Possibilities*

Host: Elif Eroglu

Helena Isla, Department of Clinical Science, Intervention and Technology
Optimizing Retinal Organoid Production for Cell Therapy Transplantation

Margherita Zamboni, Department of Cell and Molecular Biology
Unlocking mammalian regeneration in the spinal cord: insights from the spiny mouse

Session D - *Disease Modelling and Organoids*

Host: Enric Llorens Bobadilla

Maria Genander, Department of Cell and Molecular Biology
From Progenitor Cells to Disease: Understanding Human Esophageal Epithelial Regeneration

Eduardo Villablanca, Department of Medicine, Solna
Decoding cellular circuits in intestinal regeneration.

Keynote Speaker - Paola Arlotta, Harvard University, USA
Understanding human neurodevelopmental disease: from embryos to organoids

Poster Sessions

Conference Dinner

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Friday, 23 October

Breakfast

Session E - *Stem Cells in Tissue Maintenance and Regeneration*

Host: Maria Kasper

Keynote Speaker - Pantelis Rompolas, University of Pennsylvania, USA
In situ reprogramming for regenerative medicine applications

Amanda Andersson Rolf, Department of Medical Biochemistry and Biophysics
Long-term in vitro expansion of a human tripotent fetal pancreas stem cell

Marco Gerling, Department of Clinical Science, Intervention and Technology
When regeneration fails: parenchymal atrophy at the tumor interface in liver and pancreas

Session F - *Gene and Cell Therapy*

Host: Fredrik Lanner

Cecilia Götherström, Department of Clinical Science, Intervention and Technology
A New Beginning for Brittle Bones: Clinical Results from the BOOSTB4 Stem Cell Trial

Anders Kvanta, Department of Clinical Neuroscience
Stem cell-derived retinal cells for treatment of retinal degenerations

Keynote Speaker - Xiaomeng Hu, Hypoimmune Platform, Cedars-Sinai Medical Center, USA
Evading the Immune System: The Evolution and Clinical Translation of Hypoimmune Cells

Closing Remarks