

Scientific symposium for the Science & SciLifeLab Prize for Young Scientists

December 12, Beijersalen, Kungl. Vetenskapsakademien



Program

Moderators: Emil Marklund, *SciLifeLab Fellow at Stockholm University* & Anniina Vihervaara, *SciLifeLab Fellow at KTH Royal Institute of Technology*

07:45 *Bus transport from BMC, Uppsala*

08:30 *Bus transport from Campus Solna*

09:00 **Registration and coffee**

09:30 **Welcome words**

Ylva Engström, Chair of the SciLifeLab board

09:45 **Lessons from sleep in the deep:**

Records of seal sleep at sea reveal extreme sleep duration flexibility

Jessica Kendall-Bar, Category winner, Ecology & Environment

10:05 **Imaging nuclear architecture in single cells:**

Multiplexed imaging technologies uncover precise 3D maps of single nuclei

Yodai Takei, Category winner, Genomics, Proteomics, & Systems Biology

10:25 *Coffee Break*

10:45 **Gluing the pieces together:**

Illuminating the path to degrading troublesome proteins

Zuzanna Kozicka, Grand Prize winner, Molecular Medicine

11:05 **Working up an appetite to promote repair:**

Immune-derived hunger hormones restore tissue post-infection

Rachel Kratofil, Category winner, Cell & Molecular Biology

11:25 **Interview with the winners**

11:45 **Keynote lecture:**

Is the world wormier than it used to be?

Answers from a new subdiscipline: the historical ecology of parasitism

Chelsea Wood

12:20 **Closing words**

Olli Kallioniemi, Director of SciLifeLab

12:30 *Lunch*

13:30 *Bus transport to Campus Solna & BMC, Uppsala*