

4:00 – 4:35 pm	<b>Don W. Cleveland   University of California San Diego, USA</b> Gene silencing therapy for human neurodegenerative disease
4:35 – 5:05 pm	<b>SHORT TALKS:</b> <b>Annika Fendler   Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany</b> Inhibition of WNT and NOTCH as a therapeutic strategy for human clear cell kidney cancer <b>Michael Boettcher   Max Planck Institute for Molecular Genetics, Germany</b> Dual gene activation and knockout screen reveals directional dependencies in genetic networks
5:05 – 5:10 pm	<b>POSTER BLITZ:</b> <b>Samantha Praktijn   Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany</b> Dissecting heterogeneity in a solid tumor model by single-cell transcriptomic analysis <b>Stefan Florian   Charité – Universitätsmedizin Berlin, Germany</b> A 3D culture model of embryonic mammary development and breast cancer <b>Hazel Quinn   Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany</b> Targeting cancer stem cells in basal-like breast cancers
5:10 – 6:00 pm	Poster session
6:00 – 6:15 pm	<b>AWARD CEREMONY:</b> BIH Excellence Award for Sex and Gender Aspects in Health Research Award winners: <b>Louise Pilote   McGill University, Montreal, Canada</b> and <b>Rhonda Voskuhl   University of California, Los Angeles, USA</b>
6:15 – 6:45 pm	Moderated talk with the award winners and discussion: <b>Vera Regitz-Zagrosek   Charité – Universitätsmedizin Berlin</b>
6:45 – 10:00 pm	<b>GET-TOGETHER</b>

## SATURDAY | MARCH 17, 2018

9:15 – 9:30 am	<b>REGISTRATION</b>
9:30 – 9:35 am	Welcome

### SESSION 4 – Senescence, rejuvenation and regeneration

**CHAIRS:** **Clemens A. Schmitt | Charité – Universitätsmedizin Berlin, Germany**  
**Maximina H. Yun | Center for Regenerative Therapies TU Dresden, Germany**

9:35 – 10:10 am	<b>Jan van Deursen   Mayo Clinic, USA</b> Senescent cells: An emerging target for disease and aging
10:10 – 10:45 am	<b>Maximina H. Yun   Center for Regenerative Therapies TU Dresden, Germany</b> Role and regulation of cellular senescence in regeneration: Insights from the salamander
10:45 – 11:15 am	<b>COFFEE BREAK</b>
11:15 – 11:45 am	<b>SHORT TALKS:</b> <b>Bin Yue   Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), Germany</b> Reprogramming of mRNA translation in cellular senescence <b>Maja Milanovic   Charité – Universitätsmedizin Berlin, Germany</b> Elimination of stem-reprogrammed senescent cells
11:45 am – 12:30 pm	Open discussion: From disease mechanisms to innovative therapies – what are the main obstacles to progress?
12:30 – 12:40 pm	Closing remarks and end of meeting
12:40 – 2:15 pm	<b>CONCLUDING LUNCH</b>