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**Haller Prof. Dr., Hermann**  
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**Rollins, Jarod**  
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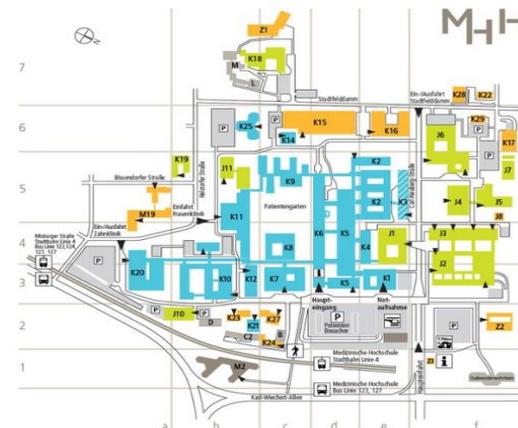
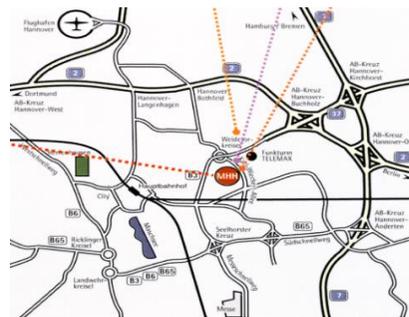
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## Bridging the Atlantic

Medizinische Hochschule Hannover - MHH  
Mount Desert Island Biological Laboratory - MDIBL



13<sup>th</sup> / 14<sup>th</sup> May 2022  
MHH, Lecture hall H

# Bridging the Atlantic

MHH, Lecture hall H

13<sup>th</sup> May 2022

Dear Colleagues,

"Bridging the Atlantic" is the first joint meeting between the faculty of MHH and Mount Desert Island Biological Laboratory (MDIBL). The symposium brings together researchers from both sides of the Atlantic and strengthen our international collaboration.

MDIBL is an independent research institution in Bar Harbor, Maine, specialising on mechanisms of regeneration and aging. It was founded in 1923 as a marine biology laboratory adjacent to Acadia National Park. MDIBL became famous for its contribution to epithelial transport and for a long time the laboratory was an international meeting place for "transport" researchers, especially kidney and liver. Prof. Hilmar Stolte from MHH spent long summers at MDIBL and our department has sent dozens of young researchers to Maine over the last 20 years.

A year ago MHH and MDIBL began a joint program with HBRS and presently five students from MHH are spending time in Maine. MDIBL together with HBRS, has established, a structured program for these students. This first meeting with faculty from both institutions will allow us to meet our colleagues, exchange ideas and discuss research together.

We expect this meeting to be the start of many more to come.

Prof. Dr. med. Hermann Haller

Veranstalter /Organisation :



14<sup>th</sup> May 2022

**Moderation:** Hermann Haller und Georg Behrens

- 13:00 h **Welcome and introduction**  
Michael Manns, Georg Behrens, Hermann Haller
- 13:30 h **The complex relationship between anabolic circuits, nutrient sensing, and extension of healthy lifespan**  
Aric Rogers
- 14:00 h **Aging and kidney senescence**  
Anette Melk
- 14:30 h **Translation mediated mechanisms of aging in *C.elegans***  
Jarod Rollins
- 15:00 h **Aging and kidney repair**  
Roland Schmitt
- 15:30 h **Coffee break**
- 16:00 h **Developmental programming of vertebrate stress responsivity**  
Jim Coffman
- 16:30 h **Stress-dependent regulation of a liquid droplet component, Rbfox1**  
Halyna Shcherbata
- 17:00 h **Germ granules to nucleoli: Decoding biomolecular condensates in disease and development**  
Dustin Updike
- 17:30 h **Binding and stability of the spinal muscular atrophy protein SMN**  
Peter Claus
- 18:00 h **Reception and dinner**

**Moderation:** Hermann Haller, Georg Behrens und Ulrich Martin

- 8:30 h **Arsenic Contamination in Well Water-Lessons Learned from a School-based Citizen Science Project**  
Jane Disney
- 9:00 h **The European Green Deal and zero pollution: Toxicological strategy for drinking water pollutants**  
Annette Bitsch
- 9:30 h **Making new kidneys**  
Iain Drummond
- 10:00 h **Ureter specification and differentiation**  
Andreas Kispert
- 10:30 h **Coffee break**
- 11:00 h **Molecular mechanisms of neuronal and muscle tissues regeneration in zebrafish**  
Romain Madelaine
- 11:30 h **Telomerase as therapeutic target in cardiac disease and regeneration**  
Christian Bär
- 12:00 h **Two tissues, two modes of regeneration in axolotl**  
Prayag Murawala
- 12:30 h **Making and repairing human hearts**  
Robert Zweigerdt
- 13:00 h **Outlook**  
Hermann Haller