

Invited Course Faculty

Alejandro Sanchez Alvarado
Stowers Institute for Medical Research

Beth Duncan
University of Kentucky

James Godwin
The Jackson Laboratory

Vera Gorbunova
University of Rochester

Joel Graber
MDI Biological Laboratory

Itamar Harel
The Hebrew University of Jerusalem

Celina Juliano
UC Davis

Benjamin King
University of Maine

Malcolm Maden
University of Florida

James Monaghan
Northeastern University

Nadia Rosenthal
The Jackson Laboratory

Ashley Seifert
University of Kentucky

Course Modules

Nexus between aging and
regeneration

Planaria regeneration

Hydra regeneration

Heart regeneration

Histology and pathology

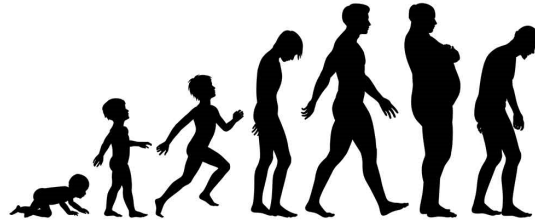
Limb Regeneration

iCARB: Immersion in Comparative Aging and Regeneration Biology

An Applied Laboratory in Aging and Regeneration
Research Models
July 20-August 3, 2019

Director: Voot P. Yin, Ph.D., MDI Biological Laboratory
Co-Director: Aric Rogers, Ph.D. MDI Biological Laboratory

This hands-on research training course brings together leading scientists and students to explore fundamental questions at the intersection of regenerative capacity and aging and its practical application. Held near Acadia National Park in Bar Harbor, ME, the course emphasizes research using diverse experimental approaches and model systems, complemented with seminars and networking opportunities by leaders of the field.



Within this dynamic environment each student will: 1) characterize and compare regenerative potential across a wide array of species; 2) investigate changes in regenerative potential during aging; 3) combine microsurgical methods with state of the art histology and molecular analysis; and 4) join a growing network of colleagues studying the cross-roads between regeneration and aging.

More Information

Details on the use of specific model systems, technology and paradigms addressed in the course, as well as the online application, are available at

<https://mdibl.org/course/aging-regenerative-biology-2019/>

Applications will be reviewed on a rolling basis until the course is full. Students, Postdoctoral Fellows and Junior Faculty are encouraged to apply. **Maximum enrollment is 24, so apply now!**

Inquiries

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