

Special Topics Course

Topics in Bioinformatics and Computational Biology (MEDS6498)

Mondays, 2:00pm - 5:00 pm, Classroom A8 in the UConn Health Academic Building
(outside the Rotunda). Course runs 8/28/17 - 12/11/17



Course Directors:



Reinhard Laubenbacher, Ph.D.

Director, Center for Quantitative Medicine, UConn
Health; and Professor, JAX-GM

Krishna Karuturi, Ph.D.

Director, Computational Sciences, JAX-GM

Other Speakers and Instructors will include:

From JAX-GM: Guru Ananda, Ph.D.; Preeti Bais, PhD; Mohan Bolisetty, PhD; Jeff Chuang, PhD;
Joshy George, PhD; Donghyung Lee, PhD; Anuj Srivastava, PhD

From UConn Health, Center for Quantitative Medicine: Pedro Mendes, PhD; Paola Vera-Licona, PhD

The focus of the course is on the study of cutting edge computational problems related to the study and treatment of diseases, and discussion of relevant technologies. The course provides a practical introduction to current bioinformatics and computational biology topics of interest in cancer biology, immunology, microbiome and statistical genetics research, along with genomics, systems biology, single cell technologies, and cloud-based computing. The course will prepare participants for further in-depth study of these topics.

For additional information:

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