



Genome Editing and Synthetic Biology



Practical course and symposium

May 14-20, 2016

Center for Genome Regulation

Facultad de Ciencias, Universidad de Chile

The advent of genome editing technologies and artificial transcriptional regulators have revolutionized biology and biotechnology. In this course, techniques and applications will be discussed and exemplified with hands on experiments in model organisms (bacteria, *Drosophila* and zebrafish).

Application to the course is open to graduate students, postdocs and young PIs; the symposium is open to the community; there are no registration fees but application to attend is required.

Instructors:

Shawn M Burgess, NHGRI, Bethesda, USA

Kevin Esvelt, MIT Media Lab, USA

Viviana Gallardo, CBM, Madrid, Spain

Anna Troedsson-Wargelius, Institute for Marine Research, Norway

Leonardo Valdivia, UCL, UK

Local Instructors:

Miguel Allende, CGR, Universidad de Chile

Alvaro Glavic, CGR, Universidad de Chile

Fernán Federici, CGR, P.Universidad Católica de Chile

Course application: please send a CV, a letter of interest and one letter of recommendation by March **31, 2016** to :

crispr2016@genomacrg.cl

For more information visit:

www.genomacrg.cl/english

