

misb MISB FRONTIERS
"MINIMAL CELLS"

1 EDITION MASTER'S ON INTEGRATIVE SYNTHETIC BIOLOGY (MISB)

Monday, October 18, 2021
Online session

16:00-17:00h
Genetic requirements for cell division in a genetically minimal cell
 James Pelletier
 Faculty of Physics, UCM (Madrid)

17:00 -18:00h
Roundtable on minimal cells
 James Pelletier (UCM)
 Christophe Danelon (TU-Delft)
 Rosario Gil (I2SysBio-CSIC-UValencia)
 Kepa Ruiz-Mirazo (BIOFISIKA, UPV, CSIC)

Chairpersons:
 Rafael Giraldo (CNB-CSIC), Juli Peretó (I2SysBio-CSIC-UValencia)
 and Germán Rivas (CIB Margarita Salas, CSIC)

Registration required:
https://18oct_minimal_cells.eventbrite.es

Organized by: **Germán Rivas**
 MISB Master's degree

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CSIC **CIB** **UIMP**

misb FRONTIERS
BOTTOM-UP BIOLOGY
Synthetic Cells

CSIC-UIMP MASTER ON INTEGRATIVE SYNTHETIC BIOLOGY (MISB)

Friday, November 12, 2021
Online session

10:00-11:00h
Designing and building a synthetic cell
 Christophe Danelon
 Technical University of Delft. Kali Institute of Nano Science.
 Department of Bionanoscience. Delft, The Netherlands

12:00 -13:00h
Synthetic cells: De novo assembly with DNA nanotechnology
 Kerstin Göpfrich
 Max Planck Institute for Medical Research.
 Biophysical Engineering of Life Group, Heidelberg, Germany

Registration required:
https://12nov_bottom_up_biology.eventbrite.es

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MASTER'S DEGREE ON INTEGRATIVE SYNTHETIC BIOLOGY

Friday, December 10, 2021
12:00h On-site Seminar
 Additional online streaming upon registration

Bacterial computing



FERNANDO DE LA CRUZ

Molecular Biology Department, School of Medicine, University of Cantabria
 Instituto de Biomedicina y Biotecnología de Cantabria (CSIC-UCAN)
 Santander (Spain)

REGISTRATION
https://10dec_bacterial_computing.eventbrite.es

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www.cib.csic.es
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MASTER'S DEGREE ON INTEGRATIVE SYNTHETIC BIOLOGY

Monday, February 14, 2022
11:00h Online Seminar

Photosynthesis 2.0: bringing carbon to life with new-to-nature enzymes, synthetic pathways and artificial chloroplasts



TOBIAS ERB
 MPI-Microbiology, Marburg

REGISTRATION
https://14feb_photosynthesis_2_bringing_carbon_to_life.eventbrite.es

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MASTER'S DEGREE ON INTEGRATIVE SYNTHETIC BIOLOGY

Thursday, March 31, 2022
12:00h Online Seminar

Interfacing living and synthetic cells as an emerging frontier in synthetic biology



YUVAL ELANI
 Imperial College London
 London, UK

REGISTRATION
https://31mar_interfacing_living_and_synthetic_cells.eventbrite.es

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