



RiboMed



20-24 June 2022

+ **Modelling
+ Biological Data:**
the Second RiboMed
Summer School

Instituto de Medicina Molecular
João Lobo Antunes (iMM), Lisbon



Speakers:

Ruy Ribeiro

(Los Alamos National Laboratory, US)

Benilton Carvalho

(Universidade Estadual de Campinas, Brazil)

Mariana Ferreira

(Instituto de Medicina Molecular, Portugal)

Nuno Morais

(Instituto de Medicina Molecular, Portugal)

Alon Bar

(Weizmann Institute of Science, Israel)

Christopher Burge

(Massachusetts Institute of Technology, US · via Zoom).

To sign up, go to



Registration deadline: April 30.

The course is free but places are limited.

For questions, contact

rsavisaar@medicina.ulisboa.pt



Instituto
de Medicina
Molecular

João Lobo
Antunes



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	20 June Monday	21 June Tuesday	22 June Wednesday	23 June Thursday	24 June Friday
Session 1 10:00 - 12:10	Introduction to probability and modelling Ruy Ribeiro	Introduction to probability and modelling Ruy Ribeiro	Statistical modelling for Differential Gene Expression analysis Benilton Carvalho	Statistical modelling for splicing analyses Nuno Morais Mariana Ferreira	Dynamical modelling of physiological systems Alon Bar
Lunch Break					
Session 2 13:10 - 15:20	Introduction to probability and modelling Ruy Ribeiro	Introduction to probability and modelling Ruy Ribeiro	Statistical modelling for Differential Gene Expression analysis Benilton Carvalho	Statistical modelling for splicing analyses Nuno Morais Mariana Ferreira	Dynamical modelling of physiological systems Alon Bar
Coffee Break					
Session 3 15:50 - 16:50	Introduction to probability and modelling Ruy Ribeiro	Generalized Linear Models and applications to omics data Benilton Carvalho	Statistical modelling for Differential Gene Expression analysis Benilton Carvalho	Journal club (The kinetics of pre-mRNA splicing in the <i>Drosophila</i> genome and the influence of gene architecture)	Dynamical modelling of physiological systems Alon Bar
Session 4 17:00 - 18:00			Round table	Q&A with Christopher Burge (via Zoom)	

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