



# Workshop and Symposium Physics and Computation in Immunology

August 22 - September 2, 2022

This is an exciting time for immunology, a field bridging scales from molecular recognition to public health. Immune systems recognise pathogens by complex, stochastic interactions with memory. Concepts rooted in physics and computational models play a key role in understanding the organisation and dynamics of immune systems, and to improve vaccines and therapies. This meeting aims to bring together scientists from different fields to discuss new, quantitative approaches in immunology across scales.

## Confirmed speakers:

Grégoire Altan Bonnet (NIH, Bethesda)  
Benny Chain (UCL, London)  
Sarah Cobey (U of Chicago)  
Simona Cocco (ENS Paris)  
Deborah Dunn-Walters (U of Surrey)  
Isabel Gordo (Instituto Gulbenkian, Lisbon)  
Andrea I. Graham (Princeton U)  
Benjamin Greenbaum (MSKCC, NY)

Marta Luksza (Mount Sinai, NY)  
Thierry Mora (ENS Paris)  
Arvind Murugan (U of Chicago)  
Armita Nourmohammad (U of Washington)  
Paul Thomas (St Jude, Memphis)  
Gabriel D. Victora (Rockefeller U)  
Andrew Yates (Columbia U, NY)  
Roberta Zappasodi (MSKCC & Cornell U)

## Organisation:

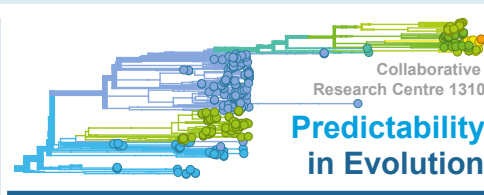
Arup Chakraborty (MIT)  
Michael Lässig (U Cologne)  
Aleksandra Walczak (ENS Paris)

## Website:

[crc1310.uni-koeln.de/PCI5.html](http://crc1310.uni-koeln.de/PCI5.html)



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