

INSTITUT D'ETUDES SCIENTIFIQUES DE CARGESE

Cargèse International School 2019

Tumors and Immune Systems: From Theory to Therapy

April 15 - 19, 2019

Web site

**Benjamin
GREENBAUM**

Tisch Cancer Institute, New York

Michael LAESSIG

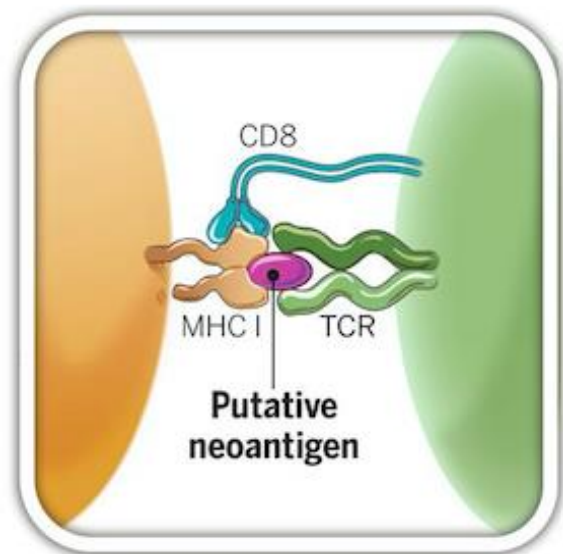
Univ. Of Cologne

Rémi MONASSON

&

Thierry MORA

CNRS & ENS, Paris



In both the evolution of pathogens and tumors, physical interactions have great consequences for the course of the disease and the success of therapeutic interventions. In cancer, a better understanding of these interactions has contributed to enormous improvements in patient care, but there is still far to go.

The goal of the present workshop is to bring together physicists, evolutionary biologists, immunologists, oncologists and clinicians to discuss how to increase our understanding of tumor immune interactions. This workshop will cover both innate and adaptive immunity and draw from pathogen evolution for inspiration. Moreover, we will cover in depth the set of quantitative approaches needed for this emerging interdisciplinary topic.

The workshop will combine long talks by internationally recognized experts, as well as shorter talks by younger researchers. In addition a poster session will be organized during the week so that each participant will be offered the possibility to present his/her work.

Eminent scientists in the field will animate the workshop. These include:

Vinod Balachandran (MSKCC), Andreas Beyer (Cologne Univ), Reinhard Buettner (Cologne Univ), Benny Chain (UCL), Arup Chakraborty (MIT), Dmitri Chudakov (RAS Moscow), Simona Cocco (ENS), Rob de Boer (University of Utrecht), Daniel De Carvahlo (UHN), Thomas Hofer (DKFZ), Herbie Levine (Rice Univ), Arnold Levine (IAS), Marta Luksza (Mount Sinai), Nicholas McGranahan (Crick Inst), Leonid Mirny (MIT), Andrea Pagnani (Politecnico di Torino), Petr Sulc (Arizona State Univ), Paul Thomas (St Jude), Aleksandra Walczak (ENS)

Organization Committee

Benjamin Greenbaum (Tisch Cancer Institute, New York), Michael Lässig (Univ. Cologne), Rémi Monasson (CNRS & ENS, Paris), Thierry Mora (CNRS & ENS, Paris)

Applications and further information

<https://www.phys.ens.fr/~tmora/cargese2019.html>

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Deadline Application : 2019, 20th January

Registration Fees : 600 euros



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