



# Dynamics of Immune Repertoires: Exploration and Translation

## International Workshop & Seminar 25 May - 19 June 2020

The success of future clinical intervention in cancer, autoimmunity and vaccine development depends on deep comprehension of dynamics, architecture and repertoires of adaptive immune cells. At the event, state of the art tools and models will be discussed to expand understanding of control and decision making of the immune system and distributed action of its cells.



### Topics:

- the architecture of immune cell networks
- challenges in computational tools
- determining bridges between repertoire sequences and function
- experimental challenges
- immunopharmacogenomics
- translation to clinics
- bridging innate and adaptive immune system
- molecular recognition by distributed systems

### Invited speakers:

B. Asquith (UK)  
 M. Bachmann (DE)  
 E. Bonifacio (DE)  
 S. Boyd (US)  
 F. Breden (CA)  
 C. Busse (DE)  
 B. Chain (UK)  
 A. Chakraborty (US)  
 A. Collins (AU)  
 R.J. de Boer (NL)  
 S. Efroni (IL)  
 J. Faro (ES)  
 V. Greiff (NO)  
 P. Hodgkin (AU)  
 C. Hugo (DE)  
 A. Hutloff (DE)  
 K. Jackson (AU)  
 D. Klatzmann (FR)  
 E.T. Luning Prak (US)  
 E. Mariotti-Ferrandiz (FR)  
 R. Mehr (IL)  
 C. Molina-Paris (UK)

V.I. Nazarov (RU)  
 M.V. Pogorelyy (RU)  
 J. Scott (CA)  
 D. Sok (US)  
 P.G. Thomas (US)  
 K. Thurley (DE)  
 A. Walczak (FR)  
 C. Watson (US)

### Scientific coordinators:

Anne Eugster  
 Dresden, Germany  
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 Berlin, Germany  
 Gur Yaari  
 Ramat-Gan, Israel

### Organisation:

Katrin Lantsch  
 MPIPKS Dresden

Applications received before 31 January 2020 are considered preferentially.

Applications are welcome and should be made by using the application form on the event's web page. The number of attendees is limited. The registration fee for the international workshop and seminar is 140 Euro and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute. Limited funding is available to partially cover travel expenses.

### For further information please contact:

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