

Systems2017 - Poster list

Poster list

1. Immune response inhibition in the chronic phase of Chagas' disease

Raíssa Fonseca, R. M. Salgado, M. R. D'Império Lima and J. M. Alvarez

2. Population dynamics and regulatory circuits of stimulated macrophages

C. Fischer, M. Metsger, S. Bauch, Magdalena Kliem and S.Sauer

3. Isolation and characterization of autoreactive CD4⁺ T cells in narcoleptic patients

Daniela Latorre, U. Kallweit, E. Armentani, M. Perez, F. Mele, A. Cassotta, M. Manconi, R. Khatami, M. Tafti, C. L. Bassetti and F. Sallusto

4. Immune repertoire analysis of a novel vaccine strategy for HIV

William Lees, M. Banasik, S. Bannerjee, H. Moon, M. Cho and A. Shepherd

5. Association of STAT5-dependent super-enhancers with highly-inducible genes

Peng Li, S. Mitra, R. Spolski, J. Oh, W. Liao, Z. Tang, C. Liu, Y. Ruan, and W.J. Leonard

6. Linking the single cell transcriptome to the surface phenotype in antigen-specific human T cells

S. Rizzetto, A. Elthala, Mehdi R. Pirozyan, J. Samir, E. Keoshkerian, K. Wing, C. H. Cai, Dirk Busch, A. R. Lloyd, R. A. Bull and Fabio Luciani

7. Systems analysis reveals high genetic and antigen-driven predetermination of antibody repertoires throughout B-cell development

V. Greiff, Ulrike Menzel, E. Miho, C. Weber, R. Riedel, S. Cook, A. Valai, T. Lopes, A. Radbruch, T. H. Winkler and S. T. Reddy

8. Large-scale network analysis reveals that antibody repertoires are reproducible, redundant and robust

Enkelejda Miho, V. Greiff, R. Roškar and S. T. Reddy

9. Immunoinformatics and molecular modeling exploration of T-cell epitope-based cancer immunotherapy

Seema Mishra, A. Saleembhasha and A. Ghosh

10. Learning clonal selection of immune receptors using recurrent neural networks

Vadim Igorevich Nazarov, M. Shugay and D.M. Chudakov

11. Multiparameter immunological profiling of tuberculosis patients to reveal immunological correlates of disease severity

Irina Yurievna Nikitina, A.V. Panteleev, I.A. Burmistrova, V.V. Ganusov and I.V. Lyadova

12. Topological small-world organization of the fibroblastic reticular cell network determines lymph node functionality

Mario Novkovic, L. Onder, J. Cupovic, J. Abe, D. Bomze, V. Cremasco, E. Scandella, J.V. Stein, G. Bocharov, S.J. Turley and B. Ludewig

13. Age-Associated changes in humoral immunity depend on vitamin D - the SENIORLAB study

B. Sakem, L. Risch, M. Risch and Urs Nydegger

14. Validity of antibody heavy chain variable domain germline gene inference supported by IGJ/IGHD haplotype analysis and sequencing quality control

U.Kirik, L. Greiff, F. Levander and Mats Ohlin

15. Long-term remodeling of B cell memory compartment following lymphotropic challenge

Velislava Petrova, B. Laksono, C. A. Russell, R.L. De Swart, and P. Kellam

16. A restricted T-cell response sustains the generation of neutralizing anti-Natalizumab antibodies in multiple sclerosis

Luca Piccoli, M. Auer, F. Dreisehammer, F. Sallusto and A. Lanzavecchia

17. A new mechanism of immunoglobulin diversification

Kathrin Pieper, J. Tan, L. Piccoli, M. Foglierini Perez, S. Barbieri, Y. Chen, D. Jarrossay, C. Silacci Fregni, B. Fernandez-Rodriguez, T. Wolf, F. Sallusto, C. Daudenberger, P. Crompton, P. Bull and A. Lanzavecchia

18. High throughput sequencing of identical twins TCR repertoires after yellow fever vaccination

Mikhail Pogorelyy, M. Puelma-Touzel, A.A. Minervina, A.I.Sycheva, D.M. Chudakov, I.Z. Mamedov, T. Mora, A.M. Walczak and Y.B. Lebedev

19. Application of the *partis* clonal family and germline set inference framework to deep-sequencing B cell receptor data

Duncan Ralph and F. A. Matsen IV

20. Mass cytometry study of B cell alterations during BAFF inhibition with belimumab in SLE

Daniel Ramsköld, I. Parodis, T. Lakshmikanth, Y. Chen, A. Zickert, N. Sippl, J. Mikeš, K. Amara, A. Achour, P. Brodin, I. Gunnarsson and V. Malmström

21. Tracking a rogue clone in Sjögren's syndrome with B cell receptor sequencing, autoantibody proteomics, and single cell transcriptomics

Joanne H. Reed, J.J. Wang, M. Singh, A. Collela, A. Russell, T. Chataway, T.P. Gordon and C.C. Goodnow

22. Characterization of the humoral response to VSV-EbolaGP vaccinated animals

Mariano Sanchez-Lockhart and G. Palacios

23. Epitope-focused vaccine design for the respiratory syncytial virus

Andreas Scheck, J. Bonet, S. Vollers, F. Sesterhenn, C. Yang, M. Villard, A. Billet, M. Chen, B. Graham and B. Correia

24. Novel alleles identified and expressed in African IgM germline gene repertoires

Cathrine Scheepers, M. M. Corcoran, B. E. Lambson, P. L. Moore, G. B. Karlsson Hedestam and L. Morris

25. A novel high-throughput screening approach for the detection of cytotoxic T-cell receptor epitopes

Govinda Sharma and R. A. Holt

26. Intra-individual analysis of the systemic T cell repertoire in an eco-evolutionary model species

Ana Teles, H. Yiu, P.L.F. Johnson, B. Woelfing, M. Milinski and T.L. Lenz

27. Learning the high-dimensional immunogenomic features that predict public and private antibody repertoires

V. Greiff, Cédric R Weber, J. Palme, U. Bodenhofer, E. Miho, U. Menzel and S. T. Reddy