Deep Dive into Case Studies part I: From Systems Immunology to Novel Therapeutic Insights – E. de Rinaldis

1. Personalized Immunomonitoring Uncovers Molecular Networks that Stratify Lupus Patients [https://www.ncbi.nlm.nih.gov/pubmed/27040498]


Spatial Biology Methods and Analytics for Immunology and Oncology – G. Gaglia


2. Lymphocyte networks are dynamic cellular communities in the immunoregulatory landscape of lung adenocarcinoma [https://www.sciencedirect.com/science/article/pii/S1535610823000880]

Artificial Intelligence – A Primer for Immunologists – S. Khader


2. The role of machine learning in clinical research: transforming the future of evidence generation [https://pubmed.ncbi.nlm.nih.gov/34399832/]

Interactive Data Analysis Session – M. Fontes

The session use the results and data from

1. "TGFβ attenuates tumour response to PD-L1 blockade by contributing to exclusion of T cells" [https://www.nature.com/articles/nature25501]

We will also compare with results from


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**Reviews for Reference:**

1. Applications of single-cell RNA sequencing in drug discovery and development - [https://www.nature.com/articles/s41573-023-00688-4](https://www.nature.com/articles/s41573-023-00688-4)
2. A guide to systems-level immunomics - [https://www.nature.com/articles/s41590-022-01309-9](https://www.nature.com/articles/s41590-022-01309-9)