

SCIENTIST IN THE SPOTLIGHT

Daniel Schulz

The Institute of Molecular Life Sciences, The University of Zurich



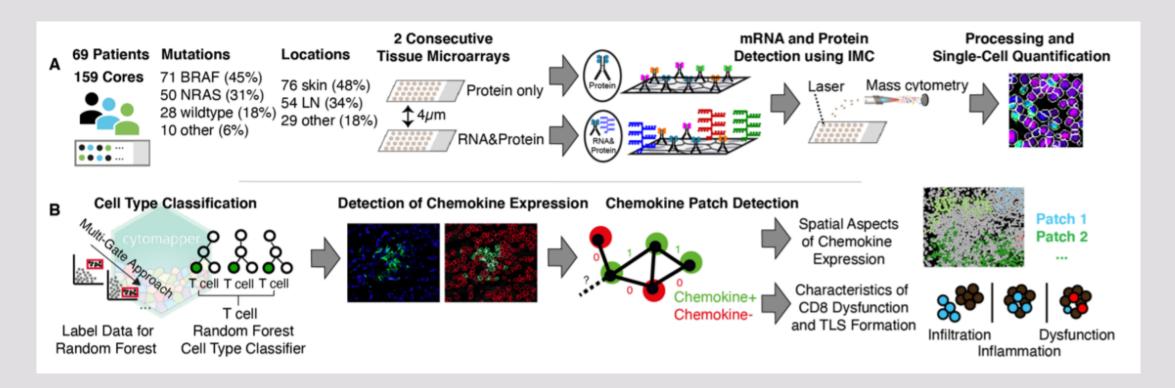


Immune infiltration characterization with Imaging Mass Cytometry in metastatic melanoma

Live webinar | Thursday 10 February 04:00 PT | 07:00 ET | 12:00 GMT | 13:00 CET

<u>Register</u>

For our February Scientist in the Spotlight we are pleased to welcome Daniel Schulz from The University of Zurich. Schulz will talk about how his team has validated a 12-plex RNAscope protocol for Imaging Mass Cytometry™ (IMC™) research on metastatic melanoma. Learn how combining a massively multiplexed imaging approach that simultaneously measures protein and mRNA detection allowed Schulz and his colleagues to gain novel insights into the specialized immune microenvironments in inflamed tumors based on chemokine expression.



""Immune infiltration into tumors is crucial for anti-tumor control but the infiltrating immune cells, particularly T cells, often become exhausted and dysfunctional. By combining this multi-omics spatial approach we have seen that inflammatory chemokine milieus in metastatic melanoma are hotspots of T cell dysfunction and CXCL13 expression, which likely guide the recruitment of B cells and the formation of B cell follicles responsible for anti-tumor immunity."