

At ECI 2024, I had the privilege of presenting my research on the deep profiling of B cells to a diverse and engaged audience. The event brought together experts, innovators from companies, and many PhD students from around the world to explore cutting-edge developments in a broad spectrum of topics related to the immune response. My talk focused on the characterization of different B cells subsets after vaccination, where we could identify novel CD11c+ CD71+ activated B cells that expresses markers associated with both the extrafollicular and the germinal center pathways and could precede memory and antibody secreting cell formation. This contributes to the broader discussions around the functional properties of these cells and how to target these precursors before long-term memory formation to inhibit undesired humoral immune responses in transplantation or autoimmune diseases. The conference provided a dynamic platform for exchanging ideas, fostering collaborations, and advancing the field, and I am grateful for the opportunity to have shared my work and learn from others.