

Project Summary for IgANN website

Project Title The IGAN Atlas

Primary Investigators

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Brief Description

We have the first FDA- and EMA-approved therapies for IgAN, with many more novel agents in advanced trials. There is a need to improve individual disease risk stratification and expand and refine the criteria to choose the best treatment for each patient. To achieve these goals, we need to improve our understanding of IgAN pathophysiology and its heterogeneity across patients. This requires a multi-organ systematic approach, profiling all involved organs using different omics technologies, capturing the spatial context, understanding the role of the microbiome, and defining tissue changes during the entirety of the natural history of the disease – an IgAN Atlas. The establishment and interrogation of such a comprehensive IgAN Atlas will require advanced computational and artificial intelligence approaches. To advance towards this goal, we have established a global team of scientists, clinicians, and patients with the aim of building an IgAN Atlas to accelerate research and ultimately enhance clinical practice. The IgAN Atlas is an open and collaborative initiative, and we welcome contributions of any kind from anyone interested in improving our understanding of IgAN pathogenesis and the care we deliver to people living with IgAN.

Project status

Data collection + Data analysis