

Driving precision medicine development for Immunology & Inflammation disorders

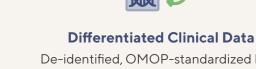
Helix, a leader in population genomics running the largest precision clinical network, is leveraging our growing I&I linked clinico-genomic database of recontactable individuals into actionable insights for autoimmune and inflammatory disorders





Comprehensive Whole Exome Sequencing Platform

The first and only FDA de novo class II authorized exome platform (Exome+®) optimized to be the most comprehensive and technically sensitive WES offering available.



De-identified, OMOP-standardized EHR integrations, including full clinical data & lab results, across US network. Ongoing data refreshes enable researchers to follow the patient journey beyond an initial encounter.



Proprietary Clinico-Genomic Database & Support



Exome+® sequencing data linked with rich longitudinal clinical data from a network of US health systems



Multi-site network protocol aggregating cohorts for a range of therapeutic areas



Geographically and demographically diverse population consented for Life Sciences re-contact



World class analytical capabilities and a dedicated in-house Translational Research team

The power of Exome+® to drive drug discovery and preclinical research



Target Identification and Validation



New Biomarker Discovery



Understanding Disease Mechanism

Research-ready linked clinico-genomic cohort of I&I conditions

15.6 years

on average of longitudinal patient history

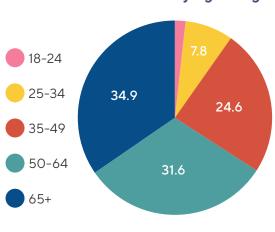
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clinico-genomic records of I&I patients

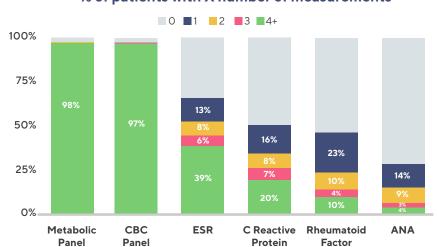
15

conditions with at least 100 diagnosed patients

% of Patients by Age Range



% of patients with X number of measurements



Major conditions analyzed include:

Lupus, Psoriasis, Rheumatoid Arthritis, Multiple Sclerosis, Crohn's Disease, Ulcerative Colitis, Hashimoto's and many more!

