

Accelerated Cure Project for MS

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Accelerating research towards a cure for multiple sclerosis

Repository Spotlight – Regeneron Genetics Center

Regeneron Genetics Center is a division of Regeneron Pharmaceuticals, Inc. The Accelerated Cure Project recently [announced](#) a collaboration with Regeneron Genetics Center that will sequence the entire exome region of the more than 3,200 DNA samples in the ACP Repository. The exome is the protein-coding region of the human genome, which contains most of the known inherited gene differences associated with all diseases. These data will be returned the ACP Repository database and made available for further research. "This collaboration will enhance our understanding of the MS genome," said Robert McBurney. "Whole exome sequencing will add valuable new information to the genome-wide 'risk gene' dataset that has already been generated from the DNA samples in the ACP Repository by the International MS Genetics Consortium (IMSGC). Combining this new genetic information with the extensive phenotypic information collected for each sample donor will undoubtedly lead to new insights into the causes and mechanisms of multiple sclerosis."

