International Multiple Sclerosis Genetics (IMSG) Consortium

Research Areas

- Biomarker Research
  - Diagnostic, Genomic Biomarker
- Basic Research
- Data-Sharing Enabler

At a Glance

- Status: Active Consortium
- Year Launched: 2003
- Initiating Organization: IMSGC
- Initiator Type: Third-party organization
- Rare disease

Abstract

The International Multiple Sclerosis Genetics Consortium (IMSGC) was formed in 2003 with funding from the National Multiple Sclerosis Society and published results from the first genome-wide association study (GWAS) in 2007 that identified the second and third susceptibility genes known to predispose people to developing multiple sclerosis (MS). IMSGC later expanded to include more research groups from more countries, receiving grants to conduct larger GWAS studies.

Mission

By bringing together dedicated researchers from 15 different countries, IMSGC has used GWASs to identify more than 100 genetic variations influencing the risk of developing MS. The team proposes to leverage the compiled deoxyribonucleic acid (DNA) samples from 50,000 people with MS to compare gene profiles among 1,000 people with the most severe course against 1,000 people with the most benign course. The collection and collation of these samples should provide the first resource with sufficient power to identify gene variants that influence progression in MS.
Consortium History

2002: Consortium formed
March 2008: Charter established

Structure & Governance

IMSGC consists of four parts:

1. Governance Group

Intellectual Property

All project proposals must include a specific publishing/authorship plan. Typically the plan will be one of the following three options:

Impact/Accomplishment

PMIDs: 24468824, 24278027, 24076602, 21594895, 20593013, 24076602

Links/Social Media Feed

Homepage http://eaglep.case.edu/imsgc_web/

Sponsors & Partners

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