

Resource Summary Report

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Danish Multiple Sclerosis Biobank

RRID:SCR_000089

Type: Tool

Proper Citation

Danish Multiple Sclerosis Biobank (RRID:SCR_000089)

Resource Information

URL: <http://www.ms-research.dk/genetics.htm>

Proper Citation: Danish Multiple Sclerosis Biobank (RRID:SCR_000089)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on July 31, 2025. We have collected DNA for more than 15 years, and today we have DNA from more than 1,800 Danish MS patients and 1,200 controls, all kept in the Danish Multiple Sclerosis Biobank in DMSC. In order to increase the sample size for genetic testing, we have participated in the Nordic MS Genetic Network since 1994, and today the Nordic material consists of more than 6,000 MS cases and 6,000 controls. The research in DMSC is focused on the candidate gene approaches and the genetic influence on the differences in treatment response. We are part of the IMSGC (International Multiple Sclerosis Genetic Consortium) and the Wellcome Trust Case Control Consortium (WTCCC), where 23 research groups from 15 countries are performing the largest set of MS genome-wide association study (GWAS), genotyping 11,000 cases and 11,000 controls using 500,000 SNP chip. Primary results have elucidated associations to more than 100 gene variations (SNPs). Following this collaboration we are joining the Immunochip Consortium, where 1,000 Danish cases and 1,000 Danish controls participate in a large scale genetic analysis, investigating best genes/regions/SNPs in MS together with other international MS research groups and 9 other autoimmune diseases research groups, looking for shared autoimmune genes. The risk of MS has been increasing over the last 50 years, especially among women older than 40 years. On this background we have initiated a project looking at aspects of gender differences, including different treatment responses. Furthermore, we have initiated a large-scale vitamin D project, investigating gene variations within the vitamin D pathway, and the importance of vitamin D in clinical and immunological disease activity. In addition, we have collected more than 800 questionnaires from MS patients dealing in detail with lifestyle and environmental exposure for a project studying gene-environmental interactions.

Abbreviations: Danish MS Biobank

Synonyms: DMSC Genetics in MS, DMSC Genetics in Multiple Sclerosis, DMSC: Genetics in MS, Danish Multiple Sclerosis Center: Genetics in MS, Danish Multiple Sclerosis Center Genetics in MS

Resource Type: biomaterial supply resource, material resource

Keywords: dna, multiple sclerosis, control, autoimmune disease, gene, normal control, lifestyle, environment, genetics, genotyping

Related Condition: Multiple Sclerosis, Control, Autoimmune disease, Normal control

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Danish Multiple Sclerosis Biobank

Resource ID: SCR_000089

Alternate IDs: nlx_143736

Record Creation Time: 20220129T080159+0000

Record Last Update: 20260904T000422+0000

Ratings and Alerts

No rating or validation information has been found for Danish Multiple Sclerosis Biobank.

No alerts have been found for Danish Multiple Sclerosis Biobank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.