

Genzyme Corporation is pleased to congratulate the winners of the first annual Gaucher Generation grants for investigator-initiated research...

A case control study of Ashkenazi Jewish GBA founder mutations as risk factors for Multiple Myeloma

Principal Investigator: — Kenneth Offit, MD, MPH

Institution: — Memorial Sloan Kettering Cancer Center
New York, NY, USA

Co-Investigators: — Raymond Comenzo, M.D.
Suresh Jhanwar, M.D.
Rinki Agarwal, M.D.
Ping Lu, Ph.D.
Mia Gaudet, Ph.D.
Julie Teruya-Feldstein, M.D.
Tomas Kirchhoff, PhD
Prodipto Pal, M.D., PhD
Ora Paltiel, M.D.
Dina Ben Yahuda, M.D.

Synopsis: — This project will utilize stored DNA samples from a case-control study of Ashkenazi Jews, including 850 multiple myeloma cases and 1,200 age-matched controls, to develop a fully powered estimation of the odds ratio for Gaucher disease mutations as a risk factor for multiple myeloma.

Is there any immunological dysregulation in patients with Gaucher disease?

Principal Investigator: — Hanna Rosenbaum, MD

Institution: — Rambam Health Care Campus
Haifa, Israel

Co-Investigators: — Irit Avivi, MD
Katz Tamar, PhD
Dina Stroopinsky

Synopsis: — This project will compare the immune functioning of approximately 40 patients with Gaucher disease (20 treated and 20 untreated) to 20 healthy volunteers to determine the existence of dendritic and regulatory T cell dysfunction in naïve Gaucher patients, the association between laboratory findings and clinical presentations, and the impact of enzyme replacement therapy on these immunological abnormalities in vitro.

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program

Applications for 2009 grants will be accepted beginning in February, 2009.

Please visit www.gauchergeneration.com for more information.

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