

David Christopher Gajzer, M.D.

428 East 81st Street, New York, NY 10028
Tel: (917) 750-4664

EDUCATION

03/2010-present Research Assistant
 Tisch Cancer Institute, Mount Sinai School of Medicine, New York, NY

09/2009-03/2010 Gerald J. Friedman Research Fellowship
 Beth Israel Medical Center/Yeshiva University, New York, NY

06/2009 Graduation: Doctor of Medicine

08/2007-08/2009 Undergraduate/Graduate Research – Doctorate Student, Institute of Pathology
 Heidelberg, University Hospital Heidelberg, Germany

09/2002-06/2009 Ruprecht-Karls-Universitat Heidelberg School of Medicine, Germany

06/2001 General Qualification for University Entrance Examination

09/1992-06/2001 Karl-Friedrich-Gymnasium (High School and Prep School), Mannheim,
 Germany

CERTIFICATIONS

2010 Educational Commission for Foreign Medical Graduates (ECFMG)

2000 Advanced Placement International English Language (APIEL) Examination

AWARDS/HONORS

2009-2010 Gerald J. Friedman Research Fellowship in Endocrinology/ Diabetes
 Research, Beth Israel Medical Center, Division of Endocrinology and
 Metabolism, New York, NY

2000 Excellent Overall Performance in General Qualification for University
 Entrance Examination

MEMBERSHIP AND PROFESSIONAL SOCIETIES

2010 American Diabetes Association

2009 German Medical Association

2009 International High IQ Society

RESEARCH EXPERIENCE

03/2010-present Research Assistant
 Tisch Cancer Institute, Division of Hematology/Medical Oncology, Mount
 Sinai School of Medicine, NY

Area of Investigation: Hematology/ Medical Oncology – normal and malignant Megakaryocytopoiesis

Projects: - Role of Oncoprotein p18 (Stathmin) in normal and malignant Megakaryopoiesis
 - Role of Tumor Suppressor Gene Retinoblastoma 1 (Rb1) in normal and malignant Megakaryopoiesis

09/2009-03/2010 Gerald J. Friedman Research Fellowship 2009-2010
Friedman Diabetes Institute, Division of Endocrinology and Metabolism,
Beth Israel Medical Center/ Yeshiva University, New York, NY

Area of Investigation: Diabetes Research

Project: Impact of Thiazolidinediones on Bone Metabolism

08/2007-08/2009 Undergraduate/Graduate Research – Doctorate Student
Institute of Pathology Heidelberg (IPH), University Hospital Heidelberg,
University of Heidelberg School of Medicine, Germany

Area of Investigation: Liver Cancer Research

Project: Role of Fibroblast Growth Factor 19 (FGF-19) in the Pathogenesis
of Human Hepatocellular Carcinoma

TECHNICAL SKILLS

Transgenic Mouse Colonies:

Management of mouse colonies (including colony logs); earmarking, tail clipping and genotyping of mice. Obtain blood specimens from mice, dissect and process organs (liver) for further analysis (FACS, molecular studies).

Cell Culture:

Management of Cell Cultures, Transfection: - chemical based and Lentivirus - of cell lines and primary cells. Flow Cytometry, Colony Forming Assays, Stem Cell Isolation, Optical Density Reading, Purification of Human Granulosa Cells.

Molecular Biology Techniques:

Transformation of DH5 α competent bacteria, Plasmid Purification (small and large scale), Purification of Restriction Fragments for Pronuclear Microinjection, DNA/RNA Extraction, DNA/RNA Gel Electrophoresis, PCR, RT-PCR, Q-PCR.

Biochemical Assays:

Radioimmunoassay (RIA), Enzyme Linked Immunosorbent Assay (ELISA), Western Blot, H&E Staining, Immunohistochemistry, Immunofluorescence Cell Staining, Multi-Tissue Array IHC.

PEER-REVIEWED PUBLICATIONS

Downregulation of stathmin expression is required for megakaryocyte maturation and platelet production - Manuscript under review

Authors:

Camelia Iancu-Rubin¹, Joseph Tripodi¹, **David Gajzer**¹, Vesna Najfeld^{1,2}, Ronald Hoffman^{1,3} and George F. Atweh⁴

¹Division of Hematology and Medical Oncology, Department of Medicine and The Tisch Cancer Institute, Mount Sinai School of Medicine, New York;

²Tumor Cytogenetics Laboratory, Department of Pathology, Mount Sinai School of Medicine, New York;

³Department of Gene and Cell Medicine, Mount Sinai School of Medicine, New York;

⁴Division of Hematology/Oncology, Department of Medicine and Barrett Cancer Institute at University Hospital, University of Cincinnati College of Medicine, Cincinnati

ORAL/POSTER PRESENTATIONS

2010

Stathmin-Mediated Dysregulation of Microtubules Impairs Megakaryocyte Maturation and Platelet Production

Selected by the ASH Program Committee for presentation in an Oral Session at the 2010 Annual Meeting of the American Society of Hematology in Orlando, Florida, December 4th-7th, 2010

Authors:

Camelia Iancu-Rubin¹, Joseph Tripodi¹, **David Gajzer**¹, Vesna Najfeld¹, Ronald Hoffman¹ and George F. Atweh²

¹ Tisch Cancer Institute, Department of Medicine, Division of Hematology/Medical Oncology, Mount Sinai School of Medicine, New York, NY

² University of Cincinnati School of Medicine

Targeting Non-Histone Protein Acetylation Impairs Platelet Production During Normal Megakaryocytopoiesis

Selected for poster presentation at the 2010 Annual Meeting of the American Society of Hematology in Orlando, Florida, December 4th-7th, 2010

Authors:

Camelia Iancu-Rubin¹, Faye Feller¹, **David Gajzer**¹, John Mascarenhas¹ and Ronald Hoffman¹

¹ Tisch Cancer Institute, Department of Medicine, Division of Hematology/Medical Oncology, Mount Sinai School of Medicine, New York, NY

Thiazolidinediones Inhibit Bone Turnover

Poster Presentation at the Endocrine Society's Annual Conference:

"ENDO 2010: The 92nd Annual Meeting & Expo, June 19-22, San Diego, CA"

Authors:

Amit Seth¹, **David Gajzer**¹, Pauline Suwandhi¹, Yun Feng¹, Shumei Kato¹, Carla Romero¹, Ronak Patel¹, Zev Rosenwaks², Leonid Poretsky¹, Donna Seto-Young¹

¹ Division of Endocrinology and Metabolism, Beth Israel Medical Center, New York, NY, ² Center for Reproductive Medicine, Weill Cornell Medical College

2008

Role of FGF19-FGFR4 Signaling in Human Hepatocellular Carcinoma

Poster Presentation at the International Liver Cancer Association's Annual Conference:

"ILCA 2008: September 5-7, Chicago, IL"

Authors:

Florian Bott¹, **David Gajzer**¹, Claudia Schiller¹, Christof Schlaeger², Bernhard Radlwimmer², Peter Schirmacher¹, Thomas Longerich¹

¹Institute of Pathology, University Hospital Heidelberg, ²Department of Molecular Genetics, German Cancer Research Center, Heidelberg, Germany

PRESENTATIONS

2009

The Role of Thiazolidinediones in Bone Metabolism

Gerald J. Friedman Research Fellow Virtual Symposium 2009

(<http://www.friedmandiabetesinstitute.com/fellows/fellows/david.php>)

Authors:

David Gajzer¹, Pauline Suwandhi¹, Yun Feng¹, Amit Seth¹, Leonid Poretsky¹, Donna Seto-Young¹

¹ Division of Endocrinology and Metabolism, Beth Israel Medical Center, New York, NY

2007

The Role of Fibroblast Growth Factor 19 in the Pathogenesis of Human Hepatocellular Carcinoma

Institute of Pathology, University Hospital Heidelberg, Germany - August 10, 2007

TEACHING

06/2010-07/2010

Tisch Cancer Institute, Division of Hematology/Medical Oncology, Mount Sinai School of Medicine, New York, NY

Teach and supervise High School student during Summer Research Internship.

Responsibilities: Explain basic science research protocols and cell culture/ molecular procedures.

Supervise student performing molecular and cell culture procedures. Teach basic data analysis and interpretation.

ADDITIONAL QUALIFICATIONS

10/2007 2-week Ultrasound Course, Radiology Clinic, University Hospital Heidelberg, Germany

Languages German; Fluent in English, Latin; good French proficiency