

**Prof. Dr. med. Bernhard Victor Sauter**

GastroZentrum Hirslanden  
Witellikerstrasse 40  
CH-8032 Zürich

e-Mail [bernhard.sauter@gastrozentrum.ch](mailto:bernhard.sauter@gastrozentrum.ch)  
Tel. +41 44 387 39 55  
Fax +41 44 387 39 66



**Education**

1975-82 Freies Gymnasium Zurich, Switzerland, Degree obtained: Maturity Type A  
1982-89 University of Zurich, Medical School  
1990 Doctoral thesis "Monoclonal antiidiotypic antibodies specific for a paraprotein of a human myeloma" Degree obtained: Doctor of Medicine (M.D.)

**Postdoctoral Training**

1990-91 Residency in Pathology, University Hospital of Zurich, Switzerland  
1991-94 Internship and Residency in Medicine, University Hospital of Zurich, Switzerland  
1994-95 Internship in Medicine, Mount Sinai Hospital, New York  
1995-98 Clinical-Research Fellowship in Gastroenterology and Hepatology, Mount Sinai Medical Center, New York  
1995-96 Gastroenterology/Hepatology Fellow, Mount Sinai Medical Center, New York  
1996-97 Research: "Liver Directed Gene Therapy" in the laboratory of Dr. Jayanta Roy Chowdhury at the Liver Research Center, Albert Einstein College of Medicine, New York  
1997-98 "Cancer Gene Therapy" in the laboratory of Dr. Savio L.C. Woo at the Institute for Gene Therapy and Molecular Medicine, Mount Sinai Medical Center, New York.

**Appointments/Faculty Positions**

1998-01 Research Associate, Institute for Gene Therapy and Molecular Medicine; Associate, Department of Medicine, Mount Sinai Medical Center, NY.  
2001-02 Associate, Department of Medicine, Division of Gastroenterology, and Department of Gene and Cell Medicine, Mount Sinai Hospital and Mount Sinai School of Medicine  
2002-06 Assistant Professor, Department of Medicine, Division of Gastroenterology (Prof. L. Mayer) and Division of Liver Diseases (Prof. S. Friedman)  
Assistant Professor, Department of Gene and Cell Medicine (Prof. SLC Woo) Mount Sinai Hospital and Mount Sinai School of Medicine  
2003-06 Medical Director, Intestinal Transplantation and Rehabilitation, The Recanati/Miller Transplantation Institute, Mount Sinai Medical Center  
2006- Adjunct Assistant Professor, Department of Medicine, Division of Gastroenterology and Division of Liver Diseases, Mount Sinai Hospital and Mount Sinai School of Medicine  
2006- Partner, GastroZentrum Hirslanden, Zürich, Switzerland

**Certification**

July 1990 ECFMG Certification (Educational Commission for Foreign Medical Graduates)  
July 1995 Board Certification in Internal Medicine: Swiss Federal Medical Society (FMH)  
Nov. 2000 USMLE Step 1 and 2 (United States Medical Licensing Examination)  
Aug. 2001 USMLE Step 3  
Oct. 2002 Diplomate of the American Board of Internal Medicine (ABIM)  
Nov. 2003 Diplomate of the American Board of Gastroenterology

### Licensure

Nov.1989	Unrestricted Swiss Federal Medical License
July 1995	Limited Permit to Practice Medicine, State of New York #P90031
Nov. 2001	Limited License to Practice Medicine, State of New York #001569
Nov. 2005	Unrestricted License to Practice Medicine, State of New York #238316

### Honors/Awards

2000	Research Prize of the Swiss Surgical Society (5/2000)
------	---

### Professional Societies

1989-	Swiss Association of Medical Residents and Attendings ("Verband Schweizerischer Assistenz- und Oberärzte"; VSAO).
1995-	Swiss Federal Medical Association ("Foederatio Medicorum Helveticorum"; FMH)
1995-	American Association for the Study of Liver Diseases (AASLD).
1995-	American Gastroenterological Association (AGA).
1995-	American Society for Gastrointestinal Endoscopy (ASGE).
2002-	Swiss Association for the Study of the Liver (SASL)
2003-06	Harvey Society (Rockefeller, New York)
2004-06	American Society for Parenteral and Enteral Nutrition (ASPEN)
1995-99	American College of Gastroenterology (ACG).
2000-04	American Society of Gene Therapy (ASGT)
2007-	European Crohn's & Colitis Organization (ECCO)

### Grant Support

#### Fellowships/Principal Investigator in Basic Research

1996-1998	"Gene therapy for bilirubin glucuronidation deficiency" by the Swiss National Science Foundation
1997	"Gene therapy for bilirubin glucuronidation deficiency" by the OPO-Pharma Foundation for Research in Basic Science, Switzerland
1998	"Antiangiogenic Cancer Gene Therapy with Recombinant Adenoviruses Expressing Endostatin" by the Goehner Foundation, Switzerland
1999	Research Fellowship Novartis Research Foundation
1999	Research Fellowship Roche Research Foundation
1999-2002	"Combination Antiangiogenic and Immunomodulatory Gene Therapy for Breast Cancer" by the Department of Defense (DOD)

#### Co-Investigator in Basic Research

2002-2004	"Local Angiogenic Gene Therapy (VEGF) for Diabetic Ulcers"; NIH (NIDDK)
-----------	---

#### Principal Investigator in Clinical Research

- The effect of recombinant growth hormone on citrulline, ornithine, and polyamine metabolism as marker of functional intestinal adaptation in short gut patients. Investigator Initiated Independent Medical Grant: Start October 2005 - Serono Inc.
- International, Multicenter, Randomized, Double Blind Placebo Controlled Efficacy And Safety Study Of The Effects Of Titrated Oral Tolvaptan Tablets In Patients With Hyponatremia. Approved 1/31/04-1/19/05 - Otsuka Maryland Research Institute, Inc.
- Dose-Ranging Study of Virmidine in Combination With Pegasys In Treatment-Naïve Subjects With Chronic Hepatitis C (HCV) Infection. Study end 2004 - Ribapharm Inc.
- International, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of the Efficacy and Safety of Teduglutide in Subjects with Parenteral Nutrition-Dependent Short Bowel Syndrome. Start October 2005 - NPS Pharmaceuticals Inc.

#### Co-Investigator in Clinical Research

- Model For Liver Transplantation (MELD).  
Approved 12/1/04-11/30/05 - Mayo Clinic And National Institutes Of Health/Mayo Foundation
- Recurrent Hepatitis B After Liver Transplantation  
Approved 12/1/04-11/30/05 - University Of Michigan Collaboration/NIH
- Using Serum Citrullin As A Potential Marker For Rejection Of Intestinal Allografts.  
Approved 8/15/04-8/14/05 - Mount Sinai School Of Medicine
- Clinical Investigation Of Intestinal Failure And Transplantation (Banking Of Tissue/Serum Samples).  
Approved 12/15/03-12/14/04 - Mount Sinai School Of Medicine
- Clinical, Immunologic And Pharmacologic Consequences Of Solid Organ Transplantation In People With HIV Infection.  
Approved 2/1/04-1/31/05 - National Institutes Of Health/UCSF
- A Randomized, Open-Label, Comparative Evaluation Of Conversion From Calcineurin Inhibitor Treatment To Sirolimus Treatment Versus Continued Calcineurin Inhibitor Treatment In Liver Allograft Recipients Undergoing Maintenance Therapy.  
Approved 9/15/04 To 9/14/05 - Wyeth Research
- A Multi-Center Study Of The Safety And Efficacy Of N-Acetylcysteine In The Treatment Of Acute Liver Failure Not Caused By Acetaminophen In Pediatric Patients.  
Approved 9/1/04-8/31/05 - University Of Southwestern/NIH
- Randomized, Prospective, Phase II\* Study Comparing Thymoglobulin In A Rapid Discontinuation Of Corticosteroids Protocol With Standard Corticosteroid Therapy In Living Donor Renal Transplantation Using Mycophenolate Mofetil And Tacrolimus Maintenance Therapy.  
Approved 8/5/04-8/4/05 - Sangstat Medical Corporation
- Pilot study on the efficacy and tolerability of daily consensus interferon (Infergen® (interferon alfacon-1) plus ribavirin in the treatment of hepatitis C (HCV) in patients with cirrhosis.  
Approved 5/18/04-5/17/05 - Intermune
- Extended Use of PEGASYS (Pegylated Interferon) in Transplanted HCV Infected Patients  
Approved 6/29-04-06/28/05 - Mt Sinai School of Medicine
- A Phase II Multicenter Trial to Assess the Safety and Efficacy of Campath-1H and Tacrolimus Followed by Immunosuppression Withdrawal in Liver Transplantation.  
Approved 10/16/04-9/30/05 - Immune Tolerance Network
- A Double Blind, Placebo Controlled, Randomized Phase III Study Of Intravenous Terlipressin In Patients With Hepatorenal Syndrome Type 1.  
Approved 8/17/04-8/16/05 - Orphan Therapeutics, LLC
- A Dose Response Study of a Caspase Inhibitor in Hepatitis C Patients  
Approved 10/27/04-8/2/05 - Idun Pharmaceuticals, Inc.
- Geographic study on HBV and HCV resistance to antivirals  
Approved 8/25/04-03/31/05 - National Institute of Infectious Diseases, Japan
- A Prospective, Randomized, Multicenter, Open-Label, Comparative Safety and Efficacy Study of Prophylactically Administered Pegylated Interferon alfa-2a (Pegasys®) Plus Ribavirin vs. No Prophylaxis Following Liver Transplantation for Hepatitis C  
Approved 9/6/04-8/24/05 - Roche Laboratories, Inc.
- SR121463B in Cirrhotic Ascites Treatment with Hyponatraemia: A placebo-controlled, dose-comparison study.  
Approved 11/5/04-11/1/05 - Sanofi-Synthelabo Research
- SR121463B in Cirrhotic Ascites with Hyponatremia: A single-blind, placebo-controlled, long-term treatment study.  
Approved 11/5/04-11/1/05 - Sanofi~Synthelabo Research

#### Invited Lectures (selection)

- Press conference at the Annual Meeting of the American Society of Gene Therapy 6/2000: "Non-Immune Based Gene Therapy for Cancer"
- Annual Meeting of the American Society of Gene Therapy 6/2000: "Antiangiogenic Gene Therapy for Cancer"
- Research Conference, Department of Medicine, Mount Sinai School of Medicine, 8/7/2003: "Angiogenesis Dependent Modulation of Vascular Lesions"
- Faculty/Fellow conference, Division of Liver Diseases, Mount Sinai School of Medicine, 3/12/2004: "Gene Therapy and the Liver"

- Grand Rounds, Nassau County Hospital, Long Island, 5/21/2004: "Intestinal and Multivisceral Transplantation: The Future is Now"
- Grand Rounds, Department of Medicine, Mount Sinai School of Medicine, 6/8/2004: "Intestinal and Multivisceral Transplantation: The Future Today"
- Grand Rounds, Hadassah University Medical Center, Jerusalem (by Teleconference), 6/25/2004: "Intestinal Pseudoobstruction - Indications for Intestinal Transplantation"
- Transplant Grand Rounds, Beth Israel Deaconess Hospital, Harvard, Boston, 9/28/2004: "Update on Intestinal Transplantation"
- American Gastroenterological Association Televised Session: AGA Conversation on Total Parenteral Nutrition 12/22/2004.
- Keynote Address Annual Meeting of the Israeli Society for the Study of the Liver, Eilat, Israel, 2/17/2005: "Intestinal and Multivisceral Transplantation: State of the Art"
- Faculty/Fellow conference, Division of Liver Diseases, Mount Sinai School of Medicine 3/18/2005: "Nutrition and the Liver"
- Faculty/Fellow conference, Division of Liver Diseases, Mount Sinai School of Medicine 4/6/2005: "Glucagon-like peptide 2 in intestinal rehabilitation"
- GI Grand Rounds Cornell- New York/Presbyterian Medical Center, New York 10/4/05: "Update on Intestinal and Multivisceral Transplantation"
- Pediatric Grand Rounds SUNY Downstate University Medical Center, New York 10/19/05: "Pediatric Intestinal Rehabilitation and Transplantation: Indication and Results "
- Metabolic and Nutritional Grand Rounds, Mount Sinai Medical Center, New York 12/12/05: "Nutritional Aspects in Intestinal Transplantation"
- Clinical Nutrition Grand Rounds, Memorial Sloan Kettering Cancer Center, New York 2/1/06: "Indication and Results of Intestinal Transplantation".
- GI Grand Rounds Pennsylvania State University, 3/29/06: "Management of Short Bowel Syndrome: What is New?"

#### Book Chapters/Reviews

B. Sauter, N. Roy Chowdhury, and J. Roy Chowdhury. Bilirubin Metabolism and Jaundice. In Clinical Practice of Gastroenterology , Lawrence J. Brandt (ed.), Current Medicine, 1998.

Sauter BV, Roy Chowdhury N, Roy Chowdhury J. Classification and causes of jaundice. In: UpToDate in Gastroenterology and Hepatology, Rose, BD (Ed), UpToDate, Wellesley, MA, 2000.

Sauter BV, Roy Chowdhury N, Roy Chowdhury J. Bilirubin metabolism. In: UpToDate in Gastroenterology and Hepatology, Rose, BD (Ed), UpToDate, Wellesley, MA, 2000.

Sauter BV, Roy Chowdhury N, Roy Chowdhury J. Diagnostic approach to the patient with jaundice. In: UpToDate in Gastroenterology and Hepatology, Rose, BD (Ed), UpToDate, Wellesley, MA, 2000.

Sauter BV, Roy Chowdhury N, Roy Chowdhury J. Pathogenesis of neonatal unconjugated hyperbilirubinemia. In: UpToDate in Gastroenterology and Hepatology, Rose, BD (Ed), UpToDate, Wellesley, MA, 2000.

N. Roy Chowdhury, B. Sauter, and J. Roy Chowdhury. Bilirubin metabolism and jaundice. Published by the American College of Gastroenterology: "Annual postgraduate and board review course: Review of

Gastrointestinal Structure and Function". Chicago, October 1997.

#### Publications (Link to Pubmed)