

YVONNE C. FIERZ, M.D.

Division of Endocrinology, Diabetes and Bone Diseases
Mount Sinai School of Medicine
1428 Madison Avenue
New York, NY 10029
e-mail: yvonne.fierz-maerki@mssm.edu

EMPLOYMENT

- 02/2008 - POSTDOCTORAL FELLOW ENDOCRINOLOGY
Department of Endocrinology, Mount Sinai School of Medicine, New York, USA
- 01/2007 - 12/2007 RESIDENCY ANAESTHESIOLOGY AND INTENSIVE CARE MEDICINE
Cantonal Hospital Olten, Olten, Switzerland
- 02/2005- 12/2006 RESIDENCY INTERNAL MEDICINE
Cantonal Hospital Sursee-Wolhusen, Sursee, Switzerland

ADDITIONAL TRAINING

- 2007 LTK MODUL 1 - Introductory Course in Laboratory Animal Science
University of Zurich, Switzerland
- 2006 ABDOMINAL SONOGRAPHY BASIC COURSE (SGUM),
Department of Radiology, Cantonal Hospital Winterthur, Switzerland
- 2005 ADVANCED CARDIOVASCULAR LIFE SUPPORT (ACLS) Provider Course,
American Heart Association, Basel, Switzerland

EDUCATION

- 2005 M. D. THESIS IN INFECTIOLOGY
University of Basel, Switzerland
"Mutations or Polymorphisms in the Protease Gene as Potential Cause for Reduced Viral Fitness of HIV-1 Strains in Drug Naïve Patients"
Mentor: Prof. Dr. Manuel Battegay, Division of Infectious Diseases,
Department of Internal Medicine, University Hospital Basel
- 1998-2004 MEDICAL SCHOOL, University of Basel, Switzerland

POSTERS AND TALKS AT CONFERENCES

- 2010 5th INTERNATIONAL CONGRESS OF THE GRS AND IGF SOCIETY
New York, USA
POSTER TITLE: "Reduced Serum IGF-1 Levels Do Not Suppress Insulin-Mediated Mammary Tumor Progression in Type 2 Diabetes."
- 2010 ENDO 2010
San Diego, USA
ORAL PRESENTATION: "m-TOR Inhibition Abrogates Insulin-Mediated Mammary Tumor Progression in Type 2 Diabetes"
- 2009 ENDO 2009
Washington, DC, USA
POSTER TITLE: "Antidiabetic Treatment Abrogates the Accelerated Breast Cancer Progression in Type 2 Diabetic MKR Mice"

- 2009 GORDON RESEARCH CONFERENCE- IGF-1
Ventura, California, USA
POSTER TITLE: "Antidiabetic Treatment Abrogates the Accelerated Breast Cancer Progression Mediated Through the IR and IGF-IR in Type 2 Diabetic MKR Mice"
- 2008 CANCER BIOLOGY RETREAT, MOUNT SINAI SCHOOL OF MEDICINE,
New York, USA
ORAL PRESENTATION: "Antidiabetic Treatment Abrogates the Accelerated Breast Cancer Growth in MKR Mice"
- 2006 SGIM (SWISS SOCIETY OF INTERNAL MEDICINE) - CONFERENCE
Lausanne, Switzerland
POSTER TITLE: "Pseudotumoral Presentation of Cat Scratch Disease"
- 2002 XIV INTERNATIONAL AIDS - CONFERENCE, Barcelona, Spain
POSTER TITLE: "Impact of Protease Polymorphism and Viral Fitness on Human Immunodeficiency Virus (HIV) Type 1 Viremia in Untreated HIV-1 Infection"

GRANTS AND AWARDS

- 02/2010-07/2010 Personal fellowship Swiss Cancer League
- 02/2009-01/2010 Swiss National Science Foundation (SNF), fellowship for prospective researchers, Grant Nr.: PBBSB3 120851
- 2009 Poster Prize, Presidential Poster Competition, ENDO, 2009, Washington DC
- 2009 Travel Grant, ENDO, 2009, Washington DC
- 02/2009-07/2009 Roche Research Foundation, personal fellowship, Nr. 152-2008
- 02/2008-01/2009 NOVARTIS Foundation, personal fellowship
- 02/2008-01/2009 Swiss National Science Foundation (SNF), fellowship for prospective researchers, Grant Nr.: PBBSB 120851

PUBLICATIONS

Gallagher EJ, **Fierz Y**, Ferguson RD, Leroith D.

The pathway from diabetes and obesity to cancer, on the route to targeted therapy.

Endocr Pract. 2010 Sep 14:1-30.

Fierz Y, Novosyadlyy R, Vijayakumar A, Yakar S, LeRoith D.

Mammalian target of rapamycin inhibition abrogates insulin-mediated mammary tumor progression in type 2 diabetes.

Endocr Relat Cancer. 2010 Oct 5;17(4):941-51.

Cannata D, **Fierz Y**, Vijayakumar A, LeRoith D. *Type 2 diabetes and cancer: what is the connection?* Mt Sinai J

Med. 2010 Mar;77(2):197-213.

Fierz Y, Novosyadlyy R, Vijayakumar A, Yakar S, LeRoith D. *Insulin-sensitizing therapy attenuates type 2 diabetes-mediated mammary tumor progression.* Diabetes. 2010 Mar;59(3):686-93.

Novosyadlyy R, Lann DE, Vijayakumar A, Rowzee A, Lazzarino DA, **Fierz Y**, Carboni JM, Gottardis MM, Pennisi PA, Molinolo AA, Kurshan N, Mejia W, Santopietro S, Yakar S, Wood TL, LeRoith D. *Insulin-mediated acceleration of breast cancer development and progression in a nonobese model of type 2 diabetes*. Cancer Res. 2010 Jan 15;70(2):741-51.

Novosyadlyy R, Vijayakumar A, Lann D, **Fierz Y**, Kurshan N, LeRoith D. *Physical and functional interaction between polyoma virus middle T antigen and insulin and IGF-I receptors is required for oncogene activation and tumour initiation*. Oncogene. 2009 Oct 1;28(39):3477-86.

Fierz Y, Strebel BM, Schmassmann A, Dufour J-F, *Ungewöhnliche Ursache einer schweren und prolongierten Cholestase*. Schweiz Med Forum. 2009;9(30):532-533.

Marki Y, Kaufmann GR, Bategay M, Klimkait T; Swiss HIV Cohort Study, *Impact of Protease Polymorphisms and Viral Fitness on Human Immunodeficiency Virus (HIV) Type 1 Viremia in Untreated HIV-1 Infection*, J Infect Dis. 2002, 185(12):1844-6.