

CURRICULUM VITAE

Franco Battista Ennio Folli, M.D. Ph.D.

WORK ADDRESS:

Dipartimento di Scienze della Salute
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Departamento De Clinica Medica
Obesity Comorbidities Research Center
University of Campinas
Rua Tessalia Vieira de Camargo, 126
13083-887 Campinas, Sao Paulo State
Brazil

HOME ADDRESS/
RESIDENCE :

Via Triulziana 52
20097 San Donato Milanese
Milano
Italy

CITIZENSHIP:

Italy and USA (*naturalized*)

FAMILY:

2 children, Natalie Maria Cristina Folli and Angelo Folli

EDUCATION:

1974-1979 *Maturita Scientifica* – Liceo di San Donato Milanese (60-60 /*Highest Honours - Valedictorian*)
1979-1986 M.D., Università di Milano, Italy (*Summa cum laude*)
1986-1989 Postgraduate training (Specialita`) in Diabetes and Metabolic Diseases, Università di Milano, Italy (*Summa cum laude*)
1990-1994 Ph.D. Clinical Pathophysiology, Università di Milano e Padova, Italy (*Highest Honours*)

MANDATORY MILITARY SERVICE (Italy):

1988-89 Corporal in the Italian Air Force – Health Division

“FELLOWSHIPS” AND HONOURS:

Internship and Residencies:

1986-1987	Fellow in Internal Medicine, University of Milano, School of Medicine, Milano, Italy (H.S. Raffaele Research Fellowship)
1987-1988	Fellow in Clinical Immunology, University College and Middlesex School of Medicine, London, U.K. (H.S. Raffaele Research Fellowship)
1988-1989	Fellow in Internal Medicine, University of Milano, School of Medicine, Milano, Italy

Clinical and Research Fellowships:

1990	Postdoctoral Fellow in Cell Biology, Yale University, Medical School, New Haven, CT, USA (<u>Mentor: Pietro De Camilli M.D</u>)
1991	Postdoctoral Fellow in Internal Medicine, University of Milano, School of Medicine, Milano, Italy
1991-1993	Research Fellow in Internal Medicine, Joslin Diabetes Center, Department of Medicine, Brigham and Women’s Hospital and Harvard Medical School(<u>Mentor: C. Ronald Kahn M.D.</u>)

Honours:

March 1983-August 1983	Visiting Medical Student at the Endocrine Division, Dept of Medicine, East Carolina University, Greenville, NC (<u>Tutors: Jose’ F. Caro MD and Madhur Sinha PhD</u>)
1988	Upjohn Prize for Pharmacology
1988	Istituto Scientifico San Raffaele Research Fellowship
1990	Istituto Scientifico San Raffaele Research Fellowship
1992	Trainee Investigator Award, American Federation for Clinical Research
1996	Trainee Investigator Award, American Federation for Clinical Research
2000	G.B. Morgagni Prizes, Young Investigator Award- Silver Medal
2005	Lettura SID Alcmeone e Premio diricerca Servier, Societa’ Italiana di Diabetologia

Google Scholar Profile:

<https://scholar.google.com.br/citations?user=UriDBz4AAAAJ&hl=en>

Top Italian Scientist

http://www.topitalianscientists.org/top_italian_scientists_VIA-Academy.aspx?Cerca=folli

ORCID ID:

<https://orcid.org/0000-0001-9824-5222>

Editorial Boards Membership:

2011-	Journal of Diabetes Mellitus
2011-	Plos One (<i>Academic Editor</i>)
2012-	Journal of Diabetes and its Complications
2014-	Frontiers in Cardiovascular Diseases
2015-2018	Diabetes Care
2014-	Acta Diabetologica
2014-	Current Diabetes Reviews (<i>Regional Editor-North America</i>)
2012-	Journal of Translational Medicine

MEMBERSHIP TO SCIENTIFIC SOCIETIES AND OTHER SCIENTIFIC /ACADEMIC ACTIVITIES:

1995-2000	Member, European Society for Clinical Investigation
2000-2004	Member, Società Italiana di Neuroimmunologia
2001-present	Member American Diabetes Association
2004-present	Member Società Italiana Diabetologia
1993-present	<u>Scientific reviewer for the following journals:</u> Molecular Endocrinology, Endocrinology, Acta Diabetologica, Diabetes Care, Diabetes, Journal of Neurology, Neurosurgery and Psychiatry, Journal of Neuroimmunology Journal of Clinical Investigation, Nature, JCEM, Circulation, Proceedings of the National Academy of Science, American Journal of Transplantation, Atherosclerosis, Journal of the American Geriatric Society, Diabetologia, Molecular Vision, Journal of the American College of Cardiology.
1998-present	MURST (Ministero Università' e Ricerca Scientifica) "ad hoc" reviewer for diabetes mellitus and autoimmune diseases grant applications.
2006-2007	Abstract Reviewer American Diabetes Association Meeting – Chicago 2007 and San Francisco 2008
2008	Grant Reviewer FONDAZIONE CARIPLO, Milano, Italy
2008- present	Grant Reviewer FONDAZIONE ROMA, Roma, Italy
August 2006-present	Member, Institutional Animal Care and Use Committee, UTHSCSA
August 2007 – 2010	Member, Medical School Admission Committee, UTHSCSA
August 2008- present	Member Committee of Graduate Studies (COGS) Biochemistry Track and Biochemistry and Metabolic Disorders Track, UTHSCSA
April 2010 - present	Member, MD/PhD Advisory Committee, UTHSCSA
2010-	NIH-NIDDK Stage 1 Editorial Board Reviewer
2011-	NIH-NIDDK Seeding R24 – Special Emphasis Panel
2012-	NIH-NIDDK
2013-2018	Member of Board of Advisors of the OCRC (Obesity and Comorbidities Research Center), University of Campinas, Brazil - :

- David A. Calhoun
- Ajay Chawla
- Miriam Cnop
- Marcelo Di Carli
- Decio L. Eizirik
- Franco Folli

- Steven E. Kahn
- Peter Libby
- Michael W. Schwartz

RESEARCH INTERESTS:

1. Mechanisms of insulin action, resistance and β -cell failure. Pathogenesis of non-insulin-dependent diabetes mellitus (T2DM).
2. Clinical-mechanistic trials of new pharmacological treatments and bariatric surgeries for the preventions and treatment of type 2 and type 1 diabetes mellitus and their complications.
3. Pathogenesis of insulin-dependent diabetes mellitus (T1DM) and Stiff-man syndrome.
4. Biology of regulated secretion in the endocrine pancreas and central nervous system
5. Pathogenesis of diabetic vascular complications
6. Central nervous system paraneoplastic syndromes
7. Tyrosine kinases and mechanisms of intracellular signal transduction
8. Proteomics approach to assess regulation in protein expression in diabetes mellitus and associated disease states
9. Development of non-human primate models for the study and development of novel therapeutic approaches of obesity, insulin resistance and type 2 diabetes mellitus
10. Mechanisms of action of GLP-1 receptor agonists in humans and non-human primate models of type 2 diabetes mellitus.
11. Morbid obesity, molecular mechanisms of pathogenesis, prevention and treatment.

PRINCIPAL CLINICAL AND HOSPITAL SERVICE RESPONSABILITIES:

May 1994 – July 2005	Senior Registrar in Internal Medicine/Emergency Medicine, Senior Investigator, Department of Internal Medicine HS Raffaele, Milano)
1999 – July 2005	Head, Endocrine Research Unit III, HS Raffaele, Milano
1999 – July 2005	Consultant in Diabetes and Metabolic Diseases, HS Raffaele, Milano.
2001 – July 2005	Consultant in Diabetes and Metabolic Diseases, Department of Obstetric and Gynecology, HS Raffaele, Milano

TEACHING/ACADEMIC POSITION:

1991 – 1993	Research Fellow in Medicine, Joslin Diabetes Center, Harvard Medical School, Boston (<u>Mentor:</u> Dr. C. Ronald Kahn)
1994 – 1996	Visiting Investigator; Joslin Diabetes Center Harvard Medical School, Boston (Laboratory of_ Dr. C. Ronald Kahn)

TEACHING/ACADEMIC POSITION:

September 1991 – Dec. 1993	Research Fellow in Medicine, Joslin Diabetes Center, Harvard Medical School, Boston (<u>Mentor:</u> Dr. C. Ronald Kahn)
September 1994 – Feb. 1996	Visiting Investigator; Joslin Diabetes Center Harvard Medical School, Boston (Laboratory of_ Dr. C. Ronald Kahn)
September 1996 – July 2005	Tutor Internal Medicine, Università di Milano, Italy
September 1994 – July 2002	Adjunct Professor, – Postgraduate School of Endocrinology and Metabolic Diseases, Università di Milano, Italy

September 2001 – July 2002 Adjunct Professor of Internal Medicine, Dental School,
Università di Milano

January to September 2002 Assistant Professor of Internal Medicine, University of Milano
(*vincitore di concorso per titoli ed esami*)

July 2005 – May 2009 Associate Professor of Medicine
Director of Metabolic and Molecular Research,
Diabetes Division, Dept.of Medicine,
University of Texas Health Science Center at San Antonio
San Antonio, Texas

September 2009 – Aug.2016 Professor of Medicine (*with Tenure*)
Diabetes Division, Dept.of Medicine
University of Texas Health Science Center at San Antonio
San Antonio, Texas

Director of Metabolic and Molecular Research,
Diabetes Division, Dept.of Medicine
University of Texas Health Science Center at San Antonio
San Antonio, Texas

July 2006- June2010 Associate Scientist (Adjunct)
Dept of Genetics
Southwest Foundation for Biomedical Research
San Antonio, Texas

March 2008-Sept. 2011 Associate Professor of Pharmacology (Adjunct)
University of Texas Health Science Center at San Antonio,
San Antonio, Texas

June 2010-present Scientist (Adjunct)
Dept of Genetics
Southwest Foundation for Biomedical Research
San Antonio, Texas

November 2013 – present Visiting Professor of Medicine
Departamento de Clinica Medica
Obesity Comorbidities Research Center
University of Campinas
Campinas, San Paolo
Brazil

August 2016 - present Professor of Endocrinology
(Professore Ordinario – Settore MED13)
Dipartimento di Scienze della Salute
Facolta´di Medicina e Chirurgia
Universita´di Milano,
Italy.

Aug. 2016 - present Professor of Medicine (*Adjunct*)
Diabetes Division, Dept.of Medicine
University of Texas Health Science Center at San Antonio
San Antonio, Texas

INVENTIONS/PATENTS/PATENT APPLICATIONS:

- 1- US patent 5,512,447: “Improved Methods for the diagnosis and treatment of diabetes” S. Baekkeskov, H.V. Aanstoot, F. Folli, M.Solimena, P.De Camilli.
- 2- European Patent EP1663395: Multisystem therapy for diabetes, the metabolic syndrome and obesity comprising a hypoglycemic agent; F. Folli, P. Manfredi, G. Gonzales)
- 3- US Patent 7,718,386 B1:” Methods for the diagnosis of diabetes” S. Baekkeskov, H.V. Aanstoot, F. Folli, M.Solimena, P.De Camilli
4. US patent 8,722,343 _ Methods and compositions for the Diagnosis and treatment of Diabetes. C. Peregó, E. Di Cairano, AM Davalli, F. Folli
5. 2004: US patent application 10/868,227: Multi-system therapy for diabetes, the metabolic syndrome and obesity. F. Folli, P. Manfredi, G. Gonzalez
6. 2006: Invention disclosure: A method for the screening, identification, and detection of molecular targets, of compounds for the treatment of conformational/amyloidogenic/degenerative diseases (CADDs). F. Folli, L. Peregó, AM Davalli
7. 2006: US patent application: Daily dosage regimen for treating diabetes, obesity and metabolic syndrome. F. Folli, P. Manfredi, G. Gonzalez
8. (WO/2007/011524) Daily dosage regimen for treating diabetes, obesity, metabolic syndrome and polycystic ovary syndrome. F. Folli, P. Manfredi, G. Gonzalez.
9. 2010:WO/2010/057647) Methods and compositions for the diagnosis and treatment of diabetes. C. Peregó, E. Di Cairano, AM Davalli, F. Folli.

CLINICAL TRIALS:

- 1) PROACTIVE Study (PROspective pioglitAzone Clinical Trial In macroVascular Events). Role: Proactive Investigator (HS Raffaele - Milano-Italy)
- 2) Effect of Pioglitazone on TIMP-3 and TACE in Type 2 Diabetes (PIO-TACE). Clinicaltrial.gov ID: NCT01223196. Role: Principal Investigator.

INVITED LECTURES:

1990	Invited Lecture, East Carolina University, Greenville, NC
1994	Invited Lecture, Novo Nordisk Research Laboratory Copenhagen, Denmark
1994	Invited Lecture, Gottingen University, Germany
1995	Invited Lecture, Dept of Medicine/Endocrine Section Seminars, Yale University
1996	Invited Speaker, Societa' Italiana di Diabetologia, Napoli, Italy
1997	Invited Lecture, Postgraduate School of Endocrinology and Metabolic Diseases, Universita' di Verona
1997	Invited Lecture, “Corsi Residenziali di Neuroimmunologia” Bergamo, Italy
1997	Invited Lecture, IDF-EASD meeting, Helsinki, Finland

- 1998 Invited Speaker, HS Raffaele International Disease Meeting, Milano Italy
- 1998 Invited Speaker, University of Geneva, Switzerland
- 2000 Invited Speaker, The 34th ESCI Annual Scientific Meeting, Milano Italy
- 2000 Invited Speaker, Societa' Italiana di Diabetologia, Bari, Italy
- 2001 Invited Speaker, CNR Institute of Pharmacology, Milano, Italy
- 2002 Invited Speaker 1st Symposium on Diabetes and Metabolism, Campinas, Brazil
- 2004 Invited Speaker, Congresso Nazionale Societa' Italiana di Diabetologia, Roma, Italy
- 2004 7th Congress of Diabetes and Metabolism of Sao Paulo State, Sao Jose do Campos, Brazil
- 2004 Invited Speaker, 1st Congress on Bariatric Surgery, Bergamo, Italy
- 2004 Invited Speaker, Societa' Italiana di Diabetologia, Sezione Lombardia, Milano
- 2004 Invited Speaker, Societa' Italiana di Diabetologia, Annual Meeting, Roma
- 2005 Invited Lecture, Postgraduate School of Endocrinology and Metabolic Diseases, Universita' di Padova
- 2005 Invited Lecture, Postgraduate School of Endocrinology of Catanzaro, "Magna Grecia"
- 2005 Invited Speaker, Congresso Societa' Italiana di Diabetologia, Riccione, Italy
- 2006 Invited Speaker SID meeting Milano, EASD-SID "Omics" Symposium
- 2007 Invited Speaker, University of Dresden, Germany
- 2008 Invited Speaker, University of Milano, Italy
- 2009 Invited Speaker, "I ragazzi di Via Olgettina", Universita' Vita-Salute HS Raffaele, Milano, Italy
- 2010 Invited Speaker, American Diabetes Association, 70th Scientific Sessions, Orlando, Florida
- 2010 Invited Lecture, Endocrine Grand Rounds, University of Texas Medical Branch, Galveston, TX
- 2011 Invited Speaker, Experimental Biology Meeting 2011, Washington, DC
- 2011 Invited Speaker, American Society of Nuclear Medicine, San Antonio, TX
- 2011 Invited Speaker, ABCD meeting, Viareggio, Italy
- 2011 Invited Speaker, IDF Meeting, Dubai, UAE
- 2012 Invited Speaker, "Debate 2012", Bangalore, India
- 2012 Invited Lecture, Endocrine Grand Rounds, University of Texas Medical Branch, Galveston, TX
- 2012 Invited Lecture, II Simposio Academico De Diabetes Mellitus, San Paulo, Brazil
- 2013 Invited Lecturer, RSSDI 2013 - 41st Annual Conference of Research Society for Study of Diabetes in India, New Delhi, India
- 2013 Invited Speaker: "Pancreatic Pleiotropic Effects of Exenatide/ Exendin-4, a GLP-1 receptor agonist in the baboon, a non-human primate model of Obesity and Type 2 diabetes mellitus.", Gordon Research Conference "Pancreatic Diseases. From Molecules to Patients" Mount Holyoke College, South Hadley, MA, USA.
- 2013 Invited Speaker, "Kahn Scholar Colloquium"- October 30,

- 2013, Joslin Diabetes Center, Harvard Medical School, Boston, MA, USA
- 2013 Invited Speaker, “Obesidade e Diabetes”- November 28, 2013 University of Campinas, School of Medicine, Campinas, S.P., Brazil.
- 2013 Invited Speaker, The 8th Annual International Conference of The Arabic Association for the Study of Diabetes & Metabolism (AASD), December 17-18, Cairo, Egypt.
- 2014 Invited Speaker, 11 Congresso Paulista de Diabete e Metabolismo, May 2014, Guarujá, S.P, Brazil
- 2014 Invited Speaker, 19 Congresso Brasileiro Multidisciplinar em Diabetes, July 27 2014, São Paulo, S.P., Brazil
- 2014 Invited Speaker, 1 Simposio Obesity and Comorbidities Research Center, August 21 2014, University of Campinas, Campinas SP, Brazil
- 2015 Invited Speaker, “International Symposium about Metabolic Syndrome” Albert Einstein Reseach and Education Institute, Sao Paulo, March 27-28
- 2015 Invited Speaker, International Meeting on Metabolism, University of Limeira, Limeira, Sao Paulo State, Brazil, May 28-29
- 2015 Invited Speaker, Pontificia Universidade de Campinas, Campinas, Sao Paulo State, Brazil, June 12
- 2015 Invited Speaker, XX Congresso da Sociedade Brasileira de Diabetes, Puerto Alegre, Brazil, November 11-13 2015.
- 2016 Invited Speaker “Milano Transplant Meeting”, May 13, 2016
- 2017 Invited Speaker “Experimental Biology Meeting, April 22-26, 2017 Chicago, IL. USA
- 2017 Invited Speaker , XIII Sao Paulo Congress of Endocrinology and Metabolism, São Paulo, SP, Brazil, May 25-27, 2017.
- 2017 Invited Speaker, Milano Diabete – Therapies and Beyond, Milano 24-25 Novembre 2017

PUBLICATIONS

1. Caro JF, Folli F, Cecchin F, Sinha MK. Chemical mediator of insulin action stimulates lipid synthesis and down regulates the insulin receptors in primary cultures of rat hepatocytes. *Biochem Biophys Res Commun* 115(1):375-82, 1983. PMID: 6311211
2. Folli F, Sinha MK, Brancaccio D, Caro JF. Insulin resistance in uremia: in vitro model in the rat liver using human serum to study mechanisms. *Metabolism* 35(11):989-98, 1986. PMID: 3534520
3. Caro JF, Cecchin F, Folli F, Marchini C, Sinha MK. Effects of T3 on insulin action, insulin binding and insulin receptor kinase activity in primary cultures of rat hepatocytes. *Horm. Metab. Res.* 20(6):327-32, 1988. PMID: 2843448
4. Solimena M, Folli F, Denis-Donini S, Comi GC, Pozza G, De Camilli P, Vicari AM. Autoantibodies to glutamic acid decarboxylase in a patient with stiff-man syndrome, epilepsy, and type I diabetes mellitus. *New Engl. J. Med.* 318(16):1012-20, 1988. PMID: 3281011
5. Vicari AM, Folli F, Pozza G, Comi GC, Comola M, Canal N, Besana C, Borri A, Tresoldi M, Solimena M, De Camilli P. Plasmapheresis in the treatment of stiff-man syndrome. (*Letter to the editor*). *New Engl. J. Med.* 320(22):1499, 1989. PMID: 2716805
6. Solimena M, Folli F. Stiff-man syndrome e diabete mellito di tipo I: una comune patogenesi ? [Stiff-man syndrome and type I diabetes mellitus: a common

- autoimmune pathogenesis?] *Ann. Ist. Super. Sanita* 24(4):583-86., 1988. PMID: 3218808
7. Solimena M, Folli F, Morello F, Toso V, De Camilli P. A second case of Stiff-man syndrome and epilepsy with autoantibodies against GABA-ergic system. In: Berardelli A, Benecke R., Manfredi M. Marsden C.D. eds. *Motor Disturbances II*, Academic Press, New York: pp 415-417, 1990.
 8. Solimena M, Folli F, Aparisi R, Pozza G, De Camilli P. Autoantibodies to GABA-ergic neurons and pancreatic beta cells in stiff-man syndrome. *New Engl. J. Med.* 322(22):1555-60, 1990. PMID: 2135382
 9. Baekkeskov S, Aanstoot HJ, Christgau S, Reetz A, Solimena M, Cascalho M, Folli F, Richter-Olsen H, De Camilli P. The 64K autoantigen in insulin dependent diabetes as the GABA-synthesizing enzyme glutamic acid decarboxylase. *Nature* 347(6289):151-56, 1990. PMID: 1697648
 10. Reetz A, Solimena M, Matteoli M, Folli F, Takei K, De Camilli P. GABA and pancreatic beta-cells: colocalization of glutamic acid decarboxylase (GAD) and GABA with synaptic-like microvesicles suggests their role in GABA storage and secretion. *EMBO J.* 10(5):1275-84, 1991. PMID: 2022191
 11. Folli F, Saad MJA, Backer JM, Kahn CR. Insulin stimulation of phosphatidylinositol 3-kinase activity and association with insulin receptor substrate-1 in liver and muscle of the intact rat. *J. Biol. Chem.* 267(31):22171-77, 1992. PMID: 1385396
 12. Folli F, Solimena M, De Camilli P, Pozza G. Sindrome dell' uomo rigido (Stiff-man syndrome). *Enciclopedia Medica Italiana UTET*, 1992.
 13. Kahn CR, Araki E, Saad MJA, Folli F, Zoppini G, Huertas P. Molecular aspects of insulin action, insulin resistance and their relationship to atherosclerosis. P.C. Weber and A. Leaf, Editors *Atherosclerosis Reviews*. Raven Press, New York, vol. 25:209-224, 1993.
 14. Kahn CR, White MF, Shoelson SE, Backer JM, Araki E, Cheatham B, Csemery P, Folli F, Goldstein BJ, Huertas P, Rothenberg PL, Saad MJA, Siddle K, Sun XJ, Wilden PA, Yamada K, Kahn S. The insulin receptor and its substrate: molecular determinants of early events in insulin action. *Recent Prog. Horm. Res.* 48:291-339, 1993. PMID: 7680139
 15. Kahn CR, Folli F. Molecular determinants of insulin action. *Horm. Res.* 39 (suppl.3):93-101, 1993. PMID: 7505252
 16. Pellegatta F, Folli F, Ronchi P, Caspani L, Galli L, Vicari AM. Deranged platelet calcium homeostasis in poorly controlled IDDM patients. *Diabetes Care* 16(1):178-83, 1993. PMID: 8422772
 17. Folli F, Solimena M, Cofiell R, Austoni M, Tallini G, Fassetto F, Bates D, Cartlidge N, Bottazzo GF, Piccolo G, DeCamilli P. Autoantibodies to a 128-kd synaptic protein in three women with the stiff-man syndrome and breast cancer. *New Engl. J. Med.* 328(8):546-51, 1993. PMID: 8381208
 18. De Camilli P, Thomas A, Cofiell R, Folli F, Lichte B, Piccolo G, Meinck HM, Austoni M, Fassetto F, Bottazzo GF, Bates D, Cartlidge N, Solimena M, Kilimann MW. The synaptic vesicle-associated protein amphiphysin is the 128-kD autoantigen of Stiff-Man syndrome with breast cancer. *J. Exp. Med.* 178(6):2219-23, 1993. PMID: 8245793
 19. Folli F, Saad MJA, Backer JM, Kahn CR. Regulation of phosphatidylinositol 3-kinase activity in liver and muscle of animal models of insulin-resistant and insulin-deficient diabetes mellitus. *J. Clin. Invest.* 92(4):1787-94, 1993. PMID: 7691886
 20. Saad MJA, Folli F, Kahn J, Kahn CR. Modulation of insulin receptor, insulin receptor substrate-1 and phosphatidylinositol 3-kinase in liver and muscle of dexamethasone treated rats. *J. Clin. Invest.* 92(4): 2065-72, 1993. PMID: 7691892
 21. Saad MJA, Folli F, Araki E, Hashimoto N, Csemery P, Kahn CR. Regulation of insulin receptor, insulin receptor substrate-1 and phosphatidylinositol 3-kinase in 3T3-F442A adipocytes. Effects of differentiation, insulin, and dexamethasone. *Mol. Endocrinol.* 8(5):545-57, 1994. PMID: 7520127
 22. Folli F, Bonfanti L, Renard E, Kahn CR, Merighi A. Insulin receptor substrate-1 (IRS-1) distribution in the rat central nervous system. *J. Neurosci.* 14(11 Pt 1):6412-22, 1994. PMID: 7965046

23. Vicari AM, Monzani ML, Pellegatta F, Ronchi P, Folli F. Platelet calcium homeostasis is abnormal in patients with severe arteriosclerosis. *Arterioscler. Thromb.* 14(9):1420-24, 1994. PMID: 8068602
24. Saad MJA, Folli F, Kahn CR. Insulin and dexamethasone regulate insulin receptors, insulin receptor substrate-1, and phosphatidylinositol 3-kinase in FAO hepatoma cells. *Endocrinology* 136(4):1579-88, 1995. PMID: 7895667
25. Goldfine AB, Simonson DC, Folli F, Patti ME, Kahn CR. Metabolic effects of sodium metavanadate in humans with insulin-dependent and noninsulin-dependent diabetes mellitus in vivo and in vitro studies. *J. Clin. Endocrinol. & Metab.* 80(11):3311-20, 1995. PMID: 7593444
26. Goldfine AB, Simonson DC, Folli F, Patti ME, Kahn .R. In vivo and in vitro studies of vanadate in humans and rodents with diabetes mellitus. *Mol. Cell. Biochem.* 153(1-2):217-31, 1995. PMID: 8927042
27. Vicari AM, Taglietti MV, Pellegatta F, Ronchi P, Melandri M, Spotti D, Folli F. Deranged platelet calcium homeostasis in diabetic patients with end-stage renal failure. A possible link to increased cardiovascular mortality? *Diabetes Care* 19(10):1062-66, 1996. PMID: 8886550
28. Folli F, Ghidella S, Bonfanti L, Kahn CR, Merighi A. The early intracellular signaling pathway for the insulin/insulin like growth factor receptor family in the mammalian central nervous system. *Mol. Neurobiol.* 13(2):155-83, 1996. PMID: 8938649
29. Velloso LA, Folli F, Sun XJ, White MF, Saad MJA, Kahn CR. Cross-talk between insulin and angiotensin signaling systems. *Proc. Natl. Acad. Sci., USA* 93(22):12490-95, 1996. PMID: 8901609
30. Folli F. Il possibile ruolo di IRS-1 nella patogenesi dell'insulino-resistenza del diabete mellito non-insulino-dipendente. *Il Diabete*, 1996.
31. Folli F, Saad MJA, Kahn CR. The insulin receptor/IRS-1/PI 3-kinase signaling system in corticosteroid-induced insulin resistance. *Acta Diabetol.* 33(3):185-192, 1996. PMID: 8904923
32. Folli F, Alvaro D, Gigliozzi A, Bassotti C, Kahn CR, Pontiroli AE, Capocaccia L, Jezequel AM, Benedetti A. Regulation of endocytic-transcytotic pathways and bile secretion by phosphatidylinositol 3-kinase in rats. *Gastroenterology* 113(3):954-65, 1997. PMID: 9287989
33. Folli F, Kahn CR, Bouchie J, Hansen H, Feener EP. Angiotensin II inhibits insulin signaling in aortic smooth muscle cells at multiple levels. A potential role for serine phosphorylation in insulin/angiotensin II crosstalk. *J. Clin. Invest.* 100(9):2158-69, 1997. PMID: 9410892
34. Folli F, Ponzoni M, Vicari AM. Paraneoplastic autoimmune xerostomia. (*Letter to the Editor*). *Ann. Intern. Med.* 127(2):167-8, 1997. PMID: 9230018
35. Manfredi PM, Herskovitz S, Folli F, Pigazzi A, Swerdlow ML. (1998). Spinal epidural abscess: treatment options. *Eur. Neurol.* 40(1): 58-60. PMID: 9729116
36. Folli F. Stiff man syndrome, 40 years later. *J Neurol. Neurosurg. Psychiatry* 65(5): 618, 1998. PMID: 9810927
37. Velloso LA, Carvalho CR, Rojas FA, Folli F, Saad MJ. Insulin signaling in heart involves insulin receptor substrates- 1 and -2, activation of phosphatidylinositol 3-kinase and the JAK 2-growth related pathway. *Cardiovasc. Res.* 40(1): 96-102, 1998. PMID: 9876321
38. Vicari AM, Ciceri F, Folli F, Lanzi R, Colombo B, Comi GC, Camba L. Acute promyelocytic leukemia following mitoxantrone as a single agent for the treatment of multiple sclerosis. *Leukemia* 12(3): 441-2, 1998. PMID: 9529141
39. Vicari AM, Ponzoni M, Alberetto M, Martani C, Pontiroli AE, Folli F. Erythrocytosis in a patient with chronic obstructive pulmonary disease. *Haematologica* 83(2):183-6, 1998. PMID: 9549929
40. Pontiroli AE, Folli F. Is it worth to treat diabetes? Lessons from the UKPDS. United Kingdom Prospective Diabetes Study. *Acta Diabetol.* 35(4):170-1, 1998. PMID: 9934813
41. Pigazzi A, Heydrich S, Folli F, Benoit S, Michelson A, Loscalzo J. Nitric oxide inhibits thrombin receptor-activating peptide- induced phosphoinositide 3-kinase

- activity in human platelets. *J. Biol. Chem.* 274(20):14368-75, 1999. PMID: 10318860
42. Svegliati-Baroni GL, Ridolfi F, Di Sario A, Casini A, Marucci L, Gaggiotti G, Orlandoni P, Macarri G, Perego L, Benedetti A, Folli F. Insulin and insulin-like growth factor- 1 stimulate proliferation and type I collagen accumulation by human hepatic stellate cells: differential effects on signal transduction pathways. *Hepatology* 29(6):1743-51, 1999. PMID: 10347117
 43. Folli F, Saad MJ, Velloso L, Hansen H, Carandente O, Feener EP, Kahn CR. Cross-talk between insulin and angiotensin II signaling systems. *Exp. Clin. Endocrinol. Diabetes* 107(2):133-9, 1999. PMID: 10320054
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ABSTRACTS:

Over 140 abstract presentations (oral or poster)

To National and International Meetings (Endocrine Society, American Diabetes Association, European Association for the Study of Diabetes, American Society for Clinical Investigation, Gordon Conferences, European Society for Clinical Investigation , Societa Italiana di Diabetologia)