

# TANIA S. BURGERT, M.D.

## Positions:

06/06 – Present      Assistant Professor of Pediatrics, Yale University School of Medicine, New Haven, Connecticut  
01/03 – Present      Attending Pediatric Endocrinologist, Yale New Haven Hospital, New Haven, Connecticut  
01/03 – 06/06      Associate Research Scientist, Yale University, New Haven, Connecticut  
07/01 - 08/02      Attending Pediatric Endocrinologist, Children's Hospital at Montefiore, Bronx, New York  
Assistant Professor of Pediatrics, Montefiore Medical Center, Albert Einstein College of Medicine, Bronx, New York

## Certifications:

12/01      Diplomat of the American, subboard of Pediatric Endocrinology  
10/98      Diplomat of the American Board of Pediatrics

## Postgraduate Training:

07/98 – 07/01      Fellowship, Division of Pediatric Endocrinology, Department of Pediatrics, Montefiore Medical Center, Bronx, New York  
07/95 – 07/98      Pediatric Internship & Residency, Department of Pediatrics, Montefiore Medical Center, Bronx, New York  
05/93 – 06/95      Basic & Clinical Research, Department of Human Genetics, Mount Sinai Hospital, New York, New York

## Education:

10/85 – 07/92      Medical School: Westfaelische-Wilhelms University, Muenster, Germany  
07/89 – 03/93      Science Doctorate at the Max Planck Institute for Reproductive Medicine, Muenster, Germany  
10/83 – 05/85      Undergraduate: Drew University, Madison, New Jersey, USA

## Other Experience & Professional Memberships:

- ❖ Member of the Lawson Wilkins Pediatric Endocrine Society
- ❖ Member of the American Diabetes Association
- ❖ Fellow of the American Academy of the Pediatrics

## Publications:

- Burgert TS.** Science Doctorate at the Max Planck Institute for Reproductive Medicine. Directional Molecular Transport through Cultured Monolayer of Rat Epididymal Epithelial Cells. 1993
- Eng CM, Schechter C, Robinwitz J, Fulop G, **Burgert TS**, Levy B, Zinberg R, Desnick RJ. Prenatal Genetic Carrier Testing Using Triple Disease Screening. *JAMA* 278(15): 1284-1285, 1997.
- Eng CM, Ashley GA, **Burgert TS**, Enriquez AL, D'Souza M, Desnick RJ. Fabry Disease: Thirty Five Mutations in the Alpha-Galactosidase A Gene in Patients with Classic and Variant Phenotypes. *Molecular Medicine* 3(3): 174-182, 1997
- Eng CM, Niehaus DJ, Enriquez AL, **Burgert TS**, Ludman MD, Desnick RJ. "Fabry disease": Twenty-Three Mutations Including Sense and Antisense CpG Alterations and Identifications of a Deletion Hot-Spot in the Alpha-Galactosidase A Gene. *Human Molecular Genetics* 3(10): 1795-1799, 1994.
- Burgert TS**, Vuguin PM, DiMartino-Nardi J, Attie K, Saenger P. Assessing Insulin Resistance: Application of a Fasting Glucose to Insulin Ratio in Growth Hormone-Treated Children. *Horm Res* 57: 37-42, 2002.
- Yeckel, CW, Weiss R, Dziura J, Taksali, SE, Dufour S, **Burgert TS**, Tamborlane WV, Caprio S. Validation of insulin sensitivity indices from oral glucose tolerance test parameters in obese children and adolescents. *J Clin Endocrinol Metab.* 2004; 89(3):1096-1101.
- Weiss R, Dziura J, **Burgert TS**, Tamborlane WV, Taksali SE, Yeckel CW, Allen K, Lopes M, Savoye M, Morrison J, Sherwin RS, Caprio S. Obesity and the metabolic syndrome in children and adolescents. *N Engl J Med.* 2004; 350:2362-74.
- Yeckel, CW, Taksali SE, Dziura J, Weiss R, **Burgert T**, Sherwin R, Tamborlane WV, Caprio S. The normal glucose continuum in obese youth: Evidence for impairment in  $\beta$ -cell function independent of insulin resistance. *J Clin Endocrinol Metab.* 2005; 90: 747- 54.

Weiss R, Taksali SE, Tamborlane WV, **Burgert TS**, Savoye M, Caprio S. Predictors of Changes in Glucose Tolerance Status in Obese Youth. *Diabetes Care* 2005; 28(4):902-09.

**Burgert TS**, Dziura J, Yeckel C, Taksali SE, Weiss R, Tamborlane W, Caprio S. Microalbuminuria in pediatric obesity: prevalence and relation to other cardiovascular risk factors. *Int J Obes* 30(2):273-80, 2006.

Weiss R, Dziura JD, **Burgert TS**, Taksali SE, Tamborlane WV, Caprio S. Ethnic differences in beta cell adaptation to insulin resistance in obese children and adolescents. *Diabetologia* 49(3):571-9, 2006.

**Burgert TS**, Taksali SE, Dziura J, Goodman TR, Yeckel CW, Papademetris X, Constable RT, Weiss R, Tamborlane WV, Savoye M, Seyal AA, Caprio S. Alanine Aminotransferase levels and fatty liver in childhood obesity: Association with insulin resistance, adiponectin and visceral fat. In press *Journal of Clinical Endocrinology and Metabolism*.

**Burgert TS**, Glucose and insulin metabolism in obese youth. In press *Pediatric Endocrine Reviews*.

#### **Editorials, Reviews, Chapters, Books:**

**Burgert TS**, Tamborlane W: Insulin and Diabetes Mellitus. In *Neonatal and Pediatric Pharmacology*. 3<sup>rd</sup> ed. Yaffe SJ, Aranda JV, Eds. Philadelphia, Lippincott Williams & Wilkins, 2005, 727-741.

#### **Ongoing Research Support:**

NIH: K23 DK 074439, Postprandial Glycemia in Association with Vascular Disease in Childhood Obesity.