Daniel Hugh Wachsstock, MD, PhD

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EMPLOYMENT

2010-Present Office-based pediatrician, St. Luke's Pediatric Care Center, Pagedale, Missouri. Partner in a two-physician hospital-owned practice, serving a largely underserved population. I have continued to serve as a hospitalist once or twice a week.

2004-2011 Sexual abuse evaluator, St. Charles Child Advocacy Center

1997-2010 Hospitalist Pediatrician, St. Luke's Hospital. Responsible for pediatric cases in the Emergency Room, a 12-bed inpatient unit and covering a 2000-delivery-per-year labor and delivery unit and a level 2+ NICU.

2000-2010 Locum Tenens provider for area pediatricians

1994-1997 Intern and resident in Pediatrics, St. Louis Children’s Hospital

1986-1993 Teaching Assistant,, Johns Hopkins School of Medicine

1985 Technician, Pharmakinetics, Inc., Baltimore

CERTIFICATION

2019 Pediatric Advanced Life Support Instructor

2019 Neonatal Resuscitation Program

2009 SAFE-CARE (Missouri sexual abuse forensic examination certification)

2006 Initial Board Certification in Pediatrics

1996 USMLE, part III and licensed physician, state of Missouri

EDUCATION

1987-1994 Johns Hopkins School of Medicine, MD/PhD, Department of Cell Biology and Anatomy.

1985-1987 Johns Hopkins University, graduate student, Department of Biophysics

Summer 1985 Weizmann Institute, Karen Kupcinet International Science School

1983-1985 University of Miami, Bachelor of Science summa cum laude, Chemistry

HONORS, AWARDS & MEMBERSHIPS

2015-Present St. Louis Magazine, *Best Doctors in St. Louis*

1994-Present Member, American Academy of Pediatrics

1997-2005 Member, American Medical Association

1997-2001 Chairman, Health and Safety Committee of the Board of Directors of the Torah Prep School, University City, MO

1994 William L. Straus award for anatomical research

1993 Young Investigator’s Day Certificate of Merit

1993-2001 Member, Biophysical Society

1987-1994 Medical Scientist Training Program awardee

1986-1990 National Science Foundation Graduate Fellowship

1988 Franklin Paine Mall prize in Anatomy and Cell Biology

1985 Graduated summa cum laude and with general honors

1985-Present Member, Phi Beta Kappa

1983-1985 Presidential Scholar, University of Miami

1983-1985 Privileged Studies Program, University of Miami

PUBLICATIONS

Goldschmidt-Clermont, P.J., Furman, M.I., Wachsstock, D.H., Safer, D., Nachmias, V.T. and Pollard, T.D. (1992) The control of actin nucleotide exchange by thymosin 4 and profilin: A potential regulatory mechanism for actin polymerization in cells. *Mol Cell Biol* **3**: 1015-1024.

Maciver, S.K., Wachsstock, D.H., Schwarz, W.H. and Pollard, T.D. (1991) The actin filament severing protein actophorin promotes the formation of rigid bundles of actin filaments crosslinked with –actinin. *J Cell Biol* **115**: 1621-1628.

Pollard, T.D., Bhandari, D., Maupin, P., Wachsstock, D.H., Weeds, A.G. and Zot, H. (1993) Direct visualization by electron microscopy of the weakly-bound intermediates in the actomyosin ATPase cycle. *Biophys J* **64**: 454-471.

Pollard, T.D., Magnus, K.A., Doberstein, S.K., Goldschmidt-Clermont, P.J., Kaiser, D.A., Machesky, L.M., Maciver, S.K., Rimm, D.L. and Wachsstock, D.H. (1989) Structure-function studies of the actin filament system of *Acanthamoeba*. Cytoskeletal and Extracellular Proteins. Aebi, U. and Engel, J., Ed. London, Springer-Verlag. 271-279.

Wachsstock, D.H. and Pollard, T.D. (1994) Transient state kinetics tutorial using the kinetics simulation program, KINSIM. *Biophys J* **67**: 1260-73.

Wachsstock, D.H., Schwarz, W.H. and Pollard, T.D. (1993) Affinity of –actinin for actin determines the structure and mechanical properties of actin filament gels. *Biophys J* **65**: 205-214.

Wachsstock, D.H., Schwarz, W.H. and Pollard, T.D. (1994) Crosslinker dynamics determine the mechanical properties of actin gels. *Biophys J* **66**: 801-9.

Wachsstock, D.H., Wilkins, J.A. and Lin, S. (1987) Specific interaction of vinculin and –actinin. *Biochem Biophys Res Comm* **146**: 554-560.

POSTERS & ORAL PRESENTATIONS

Herbert, T.J. and Wachsstock, D.H. (1985) Optimization of sunlight exposure in photosynthesis. *American J Botany* **72**: 854.

Loftus, D.J., Sato, M., Wachsstock, D.H., Cooper, J.A., Pollard, T.D. and Elson, E.L. (1987) *Acanthamoeba* –actinin interaction with actin measured by fluorescence photobleaching recovery. *J Cell Biol* **105**: 114a.

Maciver, S.K., Wachsstock, D.H., Schwarz, W.H. and Pollard, T.D. (1987) Actin filament severing activity of actophorin and consequences for the dynamic viscosity of actin gels. *J Cell Biol* **105**: 114a.

Wachsstock, D.H., Schwarz, W.H. and Pollard, T.D. (1993) Affinity of –actinin for actin determines the structure and mechanical properties of actin filament gels. *Biophys J* **64**: 148a.

Wachsstock, D.H., Wilkins, J.A. and Lin, S. (1987) Specific interaction of vinculin with –actinin measured with fluorescence energy transfer. *Biophys J* **51**: 213a.