

Speaker's Profile

-Matthew D. Breyer-

Speaker's Name	Matthew D. Breyer	Country	United States	
Organization	Eli Lilly and Company	Department	BioTechnology Discovery Research	
Education	<p>1975-1979: M.D., Harvard Medical School, Boston, MA 1971-1975: B.Sc. with honors, Univ. of Michigan, Ann Arbor, MI</p>			
Experience	<p>2009: Chief Scientific Officer, Lead Generation Biology/ Biotherapeutics Discovery Research/ Eli Lilly and Company/ Indianapolis IN 2007: Sr. Medical Fellow II, Biotherapeutics Discovery Research/ Eli Lilly and Company/ Indianapolis IN 1993-2007: Associate Professor/ Professor, Department of Molecular Physiology and Biophysics, Vanderbilt Univ. 2002: Catherine McLaughlin Hakim Professor of Medicine, Department of Medicine Vanderbilt Univ. 2000: Professor, Vanderbilt Univ. Department of Medicine and Molecular Physiology and Biophysics 1992-2000: Associate Professor, Department of Medicine, Division of Nephrology, Vanderbilt Univ. 1985-1992: Assistant Professor, Vanderbilt Univ., Division of Nephrology, Department of Medicine, Nashville, TN</p>			
Main Specific Publication	<ul style="list-style-type: none"> - Brosius FC 3rd, Alpers CE, Bottinger EP, Breyer MD, Coffman TM, Gurley SB, Harris RC, Kakoki M, Kretzler M, Leiter EH, Levi M, McIndoe RA, Sharma K, Smithies O, Susztak K, Takahashi N, Takahashi T; for the Animal Models of Diabetic Complications Consortium. Mouse Models of Diabetic Nephropathy. J Am Soc Nephrol. 2009 Dec; 20(12):2503-12. - Elena E. Tchekneva, Eugene M. Rinchik, Dina Polosukhina, Linda Davis, Veronika Kadkina, Steve R. Dunn, Kumar Sharma, Zhonghua Qi, Agnes B. Fogo, Matthew D. Breyer. A sensitized screen of ENU mutagenized mice identifies dominant mutants predisposed to diabetic nephropathy. J. Am. Soc. Nephrol. 2007 Jan; 18(1):103-12. - Hui John Zhao, Suwan Wang, Huifang Cheng, Ming-zhi Zhang, Takamune Takahashi, Agnes Fogo, Matthew D. Breyer, and Raymond C. Harris. The Role of Endothelial Nitric Oxide Synthase in Diabetic Nephropathy. J Am Soc Nephrol Endothelial Nitric Oxide Synthase Deficiency Produces Accelerated Nephropathy in Diabetic Mice. J Am Soc Nephrol. 2006 Oct; 17(10):2664-9. - M. D. Breyer, Erwin Böttinger, Frank C. Brosius, III, Thomas M. Coffman, Raymond C. Harris, Charles W. Heilig, and Kumar Sharma (For the AMDCC) Mouse Models of Diabetic Nephropathy. J Am Soc Nephrol. 2005 Jan; 16(1):27-45 			
Summary	<p>Dr. Breyer was at Vanderbilt university for 21 years in the division of nephrology where his group studied the regulation of blood pressure and salt transport in animal models. His group also characterized the course of renal function in several mouse models of diabetic nephropathy. In 2007 he moved from vanderbilt to Eli Lilly. At present he is chief scientific officer ifor lead generation in biotechnology discovery research where he directs the pre-lead to first human dose, biologics portfolio in Biotherapeutics at Eli Lilly.</p>			

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