

Brief Bio, Christopher B. Newgard, PhD

Christopher B. Newgard, Ph.D. is the Director of the Sarah W. Stedman Nutrition and Metabolism Center and the W. David and Sarah W. Stedman Distinguished Professor of Pharmacology and Cancer Biology at the Duke University Medical Center. Prior to coming to Duke in 2002, Dr. Newgard was the Gifford O. Touchstone Jr. and Randolph G. Touchstone Distinguished Professor, Department of Biochemistry, and Co-Director of the Touchstone Center for Diabetes Research, University of Texas Southwestern Medical Center, Dallas. Dr. Newgard's research focuses on application of an interdisciplinary approach for understanding of diabetes and obesity mechanisms involving gene discovery, metabolic engineering, and comprehensive tools of metabolic analysis ("metabolomics") such as mass spectrometry-based metabolic profiling and NMR-based metabolic flux analysis. Dr. Newgard has authored over 220 peer-reviewed and review articles, and has been the recipient of several awards, including the Kayla Grodsky Award for Outstanding Basic Science Research from the Juvenile Diabetes Research Foundation (1999), the Outstanding Scientific Achievement (Lilly) Award from the American Diabetes Association (2001), a Merit Award from the NIH (2001), the Solomon Berson Prize of the American Physiological Society (2003), and a Freedom to Discover Award in Metabolic Research from Bristol-Meyers Squibb (2006).

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