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**Focus of WMIC 2014 Plenary Talk:  
New Strategies for Imaging Infections and Oxidative Stress**

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Dr. Niren Murthy is a professor in the Department of Bioengineering at the University of California at Berkeley. Dr. Murthy received his PhD from the University of Washington in Seattle in Bioengineering in 2001, and then did postdoctoral research at U.C. Berkeley in Chemistry from 2001-2003. Dr. Murthy started his academic career at Georgia Tech in 2003 and in 2012 moved back to U.C. Berkeley. Dr. Murthy's laboratory is an interdisciplinary laboratory that focuses on the development of new materials for drug delivery and molecular imaging. The Murthy laboratory has developed several new biomaterials and imaging agents, such as the maltodextrin based imaging agents, which are focused on improving the treatment and diagnosis of infectious diseases. In addition, the Murthy laboratory has developed numerous reagents for detecting radical oxidants, such as the hydrocyanines.