

John E. Repine, M.D.

Dr. John Repine is the James J. Waring Professor of Medicine, Pediatrics and Surgery and the Director of the Webb-Waring Center (WW) at the University of Colorado (CU).

Since 1993, Dr. Repine has guided the WW which in 2008 relocated to the new CU Medical Campus in Aurora, Colorado. Under his leadership the WW research program focuses on a multi-disciplinary approach investigating and teaching inflammation and antioxidant biomedical research. This strategy brings together M.D. and Ph.D. trained scientists and physician scientists in an interactive approach seeking the cause and prevention of many common diseases including cancer and aging. The work of Dr. Repine and his team is consistently well supported by numerous Foundations and National Institutes of Health (NIH) grants. For example, Dr. Repine has been the Principal Investigator on more than \$13 million in NIH grants including being the Principal Investigator for 10 years of one of five national NIH sponsored Specialized Centers of Research (SCOR) for Acute Lung Injury (a.k.a. the Acute Respiratory Distress Syndrome, ARDS).

The author of more than 248 original peer-reviewed research articles as well as numerous other review articles and book chapters, Dr. Repine is also a reviewer and on the editorial boards of many prominent professional journals. A respected authority in the study of vascular diseases including ARDS, COPD, macular degeneration, diabetes and ischemia-reperfusion disorders (heart attack and stroke), he has lectured at more than 200 national and international meetings and symposia and is a widely recognized expert concerning antioxidants and inflammation. Most recently, Dr. Repine has developed a unique strain of rats that live longer, exercise more, resist diabetes and ARDS and survive indefinitely while breathing 100% oxygen. He has identified new ways to monitor patients with ARDS.

Dr. Repine is a member of many professional and honorary societies for medicine, chemistry and biology. He was elected to the American Society of Clinical Investigation, Association of American Physicians and as a counselor to the Oxygen Society. He is the recipient of an Established Investigator Award from the American Heart Association, Basil O'Conner Research Award from the March of Dimes, the Bonfils-Stanton Award for his Outstanding Contributions to Medicine and Science and the National Alton Ochsner Award Relating Smoking and Health. In addition, Dr. Repine was recently chosen to receive the coveted Senior Scholar in Aging Award by the Ellison Medical Foundation.

Working closely with industry, Dr. Repine serves as a founder, board member and on the scientific advisory boards of a number of biotechnology companies and is currently developing, testing and patenting promising products for detecting, monitoring, treating and preventing disease. He is the inventor on 12 patent applications. Dr. Repine has also been a leader and member of many local and national committees including the Executive Committee of the University of Colorado Global Change and Environmental Quality Program, the University of Colorado Technology Transfer Program, the International Task Force on Oxidants in Emphysema and Lung Cancer and an NIH/DOD panel on the Pulmonary Challenges of Bio-Terrorism. Dr. Repine is a member of Alpha Omega Alpha and a Trustee of the Bonfils-Stanton Foundation, the Kent Denver School, Nostix and BioVeritas as the Vice-Chairman.

An Associate Dean for Student Advocacy for the University of Colorado School of Medicine, Dr. Repine is widely recognized as a student advocate and is the Founding Director of the Annual Student Research Forum now in its 25th year. He has won many awards at the University of Colorado including the Distinguished Faculty Scholar Award, the Dean Joseph W. St. Geme Award for Outstanding Contributions to the School of Medicine and the prestigious University of Colorado Presidential Teaching Award for 1995. Dr. Repine's students have also won many awards including advanced fellowships and are located worldwide in medical centers and industry.

Dr. Repine grew up in the Midwest. After graduating from the University of Wisconsin in Madison in 1967 as an Evans Scholar with a B.S. in Chemistry, he obtained an M.D. in 1971 from the University of Minnesota in Minneapolis where he won the Borden Prize for outstanding research and in 2006 received the Distinguished Alumni Award for his Outstanding Contributions to Medicine. Dr. Repine completed clinical training in internal medicine and a pulmonary/critical care medicine fellowship at the University of Minnesota before joining the faculty there and then at the University of Colorado. Dr. Repine is married to Karen Repine, M.D., an ophthalmologist and LASIK surgeon, who practices in Highlands Ranch. Dr. Repine has 6 children and enjoys golf, skiing and youth sports.