

## **Paul R. Sanberg, Ph.D., M.D., D.Sc.**

Senior Vice President, Office of Research and Innovation

Distinguished University Professor

Executive Director, Center of Excellence for Aging and Brain Repair

Vice Chairman, Department of Neurosurgery and Brain Repair

University of South Florida



### **■ Professional Affiliations**

Dr. Sanberg is on numerous Scientific Advisory Boards for health related Foundations and Companies. He is a member of the Board of Scientific Counselors for NIDA at the National Institutes of Health (USA). Dr. Sanberg is Editor-in-chief of the *Technology and Innovation: Proceedings of the National Academy of Inventors*, and on the editorial boards of over 30 scientific journals, Executive Director of the American Society for Neural Therapy and Repair, and past president of the Cell Transplant Society, and others. He is the author of more than 600 scientific articles including thirteen books such as, *Neural Stem Cells: Methods and Protocols* (Humana Press), *Neural Stem Cells for Brain and Spinal Cord Repair* (Humana Press) and *Cell Therapy, Stem Cells and Brain Repair* (Humana Press). He has been named in the top 1% of cited authors in Biology and Biochemistry (Sandler/ISI). He is also an inventor on 100 health related U.S. patents and foreign patents. He is currently the President of the National Academy of Inventors and appointed by the United States Patent and Trademark Office as a member of the selection committee for the National Medal of Technology and Innovation.

### **■ Education**

Dr. Paul R. Sanberg has trained at York University, the University of British Columbia, the Australian National University and at the Johns Hopkins University School of Medicine, among others. He has held academic positions at the Ohio University, the University of Cincinnati, and Brown University prior to his current position. His industry experience has included being Scientific Director for CytoTherapeutics, Inc. in Providence, Rhode Island (now Stem Cells, Inc. in Palo Alto, California), Sr. Vice President and CSO, Layton BioScience in Atherton, CA, and is currently Chairman and Founder of Saneron CCEL Therapeutics, Inc. in Tampa, Florida. These companies are involved in cell therapy for degenerative disorders.

### **■ Research**

Dr. Sanberg's early work was pioneering in understanding why brain cells die in neurological disorders and in drug abuse research. His recent research has focused on discovering novel ways to repair the damaged brain, and has helped lead the team that demonstrated that bone marrow and umbilical cord blood derived stem cells can be transformed to neural cells, and that they may be useful for stroke, spinal cord injury, ALS and cardiac ischemia. His work was instrumental in translating novel pharmaceutical and cellular therapeutics to clinical trials for Tourette syndrome, depression, stroke, Huntington's disease and Parkinson's disease. His work resulted in the first FDA-approved clinical trial of a cell therapy in chronic stroke patients.