Meet Our Editorial Board Member

**Federico Sesti**  
Robert Wood Johnson Medical School, Piscataway, NJ, USA

Dr. Federico Sesti is a professor of neuroscience and cell biology, at Robert Wood Johnson Medical School, Rutgers University (http://sestilab.rwjms.rutgers.edu). He received his Laurea and Ph.D. degree in physics from the University of Genova, Italy. He was a postdoctoral fellow at the laboratory of Benjamin Kaupp, Institut für Biologische Informationsverarbeitung, Forschungszentrum Jülich (Germany) and at the laboratory of Steve Goldstein at Yale University (USA). He joined the Robert Wood Johnson Medical School in 2001. The research work of the Sesti’s laboratory revolves around the molecular basis of neuronal aging in both vertebrates and invertebrates and in particular, how excess oxidants modify K⁺ channels and how this mechanism, which the lab first demonstrated, contributes to the progressive decline in neuronal function which is part of the normal aging process and of neurodegenerative diseases. Dr. Sesti is a Fulbright scholar, and member of several scientific societies. He serves as the editorial board of several journals and international, federal and private funding agencies.

**Research Interest**

His research interests include, Ion channel, potassium channel, aging, oxidative stress, reactive oxygen species, ROS, Src tyrosine kinases, *C. elegans*, cell signaling.

**SELECTED PUBLICATIONS**


