

Gregg E. Homanics, Ph.D.



Gregg E. Homanics, PhD is a Professor of Anesthesiology & Perioperative Medicine, Neurobiology, and Pharmacology & Chemical Biology at the University of Pittsburgh School of Medicine. Dr. Homanics received a bachelor's degree in Animal and Veterinary Science from West Virginia University in 1984, a master's degree in Animal Science from the University of Kentucky in 1987 and a PhD in Animal Science with a minor in Biotechnology from North Carolina State University in 1991. Following completion of his doctorate, he was a postdoctoral fellow in the Department of Pathology at the University of North Carolina at Chapel Hill. For over 23 years, Dr. Homanics has maintained an active, continuously NIH funded laboratory that is focused on understanding the mechanism of action of alcohol. Current research interests include a strong focus on the epigenetic effects of alcohol on noncoding RNAs and intergenerational effects of alcohol. He has published over 160 peer reviewed publications. Dr. Homanics has received the University of Pittsburgh Survival Skills and Ethics Distinguished Mentor Award, the Department of Anesthesiology's Most Productive Scientist Award, and a MERIT Award from the National Institutes of Health. He is currently Scientific Co-director of a multi-institution consortium that is focused on causes and treatments for alcohol use disorders (the Integrative Neuroscience Initiative on Alcoholism-Neuroimmune). Dr. Homanics currently serves as associate editor for *Genes, Brain & Behavior* and *Frontiers in Molecular Neuroscience*, as review editor for *Frontiers in Neuropharmacology*, and as an editorial board member for *Alcohol and Neuroscience Bulletin*. At the University of Pittsburgh, he serves/ has served on numerous committees including the IACUC, Department of Laboratory Animals Advisory Committee, the executive committee for the Pittsburgh Brain Institute, the Tenured Faculty Appointments and Promotion Committee, the Pharmacology Graduate Executive Committee, and Anesthesiology's Scientific Affairs Committee. He also serves on/has served/chaired numerous grant review panels for the National Institutes of Health, the National Science Foundation, the Medical Research Council, and others.