



Research to promote a longer, healthier life for you, your children and your grandchildren.

Progress in Longevity Medicine Seminar Series

An Overview on Estrogen and the Brain

Roberta Diaz Brinton, PhD

*R. Pete Vanderveen Endowed Chair in Therapeutic Discovery and Development
Professor of Pharmacology and Pharmaceutical Sciences
Professor of Biomedical Engineering
University of Southern California*

Date/Time: **Friday, October 10, 2008; 5:30 pm (dinner included)**

Location: **The Arizona Club, 201 North Central Avenue, 37th Floor**

Cost: **Free**

Biography: Professor Roberta Diaz Brinton is the R. Pete Vanderveen Endowed Chair in Therapeutic Discovery and Development and Professor of Pharmacology and Pharmaceutical Sciences at the School of Pharmacy and Biomedical Engineering at the University of Southern California. She is also the Director of the USC Science, Technology and Research Program (STAR) science education outreach program. Dr. Brinton is the Director of the Center for Scientific Translation within the Los Angeles Basin Clinical Translational Science Institute.

Previously, Dr. Brinton was an Associate Professor of Molecular Pharmacology and Toxicology at USC. She has also served as Assistant Professor and Research Associate.

Dr. Brinton received the 2006 Science Educator of the Year from the Society for Neuroscience, the 2005 Woman of the Year from the State of California, the 2003 University of Southern California Remarkable Woman Award, and she was also on US News and World Report's 2005 10 Best Minds.

Dr. Brinton has a B.A. in Psychology and an M.A. in Neuropsychology from the University of Arizona. She received her PhD in Psychobiology and Neuropharmacology from the University of Arizona as a National Institutes of Health predoctoral fellow. She continued her postdoctoral research in Neuroendocrinology at Rockefeller University as a National Institutes of Health postdoctoral fellow.

Research:

- Elucidation of fundamental cellular mechanisms of cognitive function and neural defense and the application of those principles to the discovery and design of therapeutics for the prevention and treatment of disorders of the nervous system
- The neurobiology of gonadal steroid hormones, including neurosteroid metabolites in brain regions involved in learning and memory and vulnerable to Alzheimer's disease
- The mechanisms of action of the neuropeptide hormone vasopressin, which promotes memory function and regulates neural development

To RSVP or for additional information, please contact Stephanie Tusalem at (602) 778-7492 or via email at stephanie.tusalem@kronosinstitute.org

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