You are cordially invited to listen to

FOS speaker Eric Nestler, who will talk about “Transcriptional and Epigenetic Mechanisms of Depression”, on TUESDAY August 30th at 12:00 in the President’s auditorium. Coffee/tea is served at 11:45. Host: Eleanor Coffey. Please email ecoffey@btk.fi if you would like to meet with Prof. Nestler.

GRADUATE STUDENTS and POST DOCS: If you would like to meet Prof. Nestler over a lunch after the seminar, please register to ulla.karhunen(at)btk.fi.

Eric J. Nestler, M.D., Ph.D., studies the molecular mechanisms governing depressive and addiction disorders with particular focus on epigenetic regulation. His lab’s work using large transcriptomic cohorts has revealed susceptible and resilient transcriptional networks across different brain regions, identifying genetic hubs that emerge in stress susceptibility and in vivo validation of molecular regulators. With his team, they have defined epigenetic mechanisms of drug addiction through studies in mice involving in vivo imaging, optogenetics, epigenetics and study of chromatin remodeling through to animal behavior. His research focus concentrates on forming a molecular approach to psychiatry and furthering the understanding of the molecular basis of both depression and drug addiction, using animal models to study the way drug use or stress affects the brain. A list of recent publications from the group can be found below his biosketch.

Biosketch

Nestler is the Nash Family Professor of Neuroscience, Chairman of the Department of Neuroscience and Director of the Friedman Brain Institute at the Mount Sinai Medical Center in New York. Nestler served as the Director of the Division of Molecular Psychiatry at Yale until 2000, and as Chairman of the Department of Psychiatry at the University of Texas Southwestern Medical Center at Dallas. He joined Mount Sinai in 2008. He has served on the Board of Scientific Counselors of the National Institute on Drug Abuse, on the National Advisory Mental Health Council for the National Institute of Mental Health, the National Advisory Drug Abuse Council for the National Institute on Drug Abuse, as Council Member of the American College of Neuropsychopharmacology (for which he served as president in 2011) and the Society for Neuroscience. He is a member of the Scientific Advisory Board of the National Alliance for Research in Schizophrenia and Depression (now known as the Brain & Behavior Research Foundation) and of the International Mental Health Research Organization, as well as a member of the Board of Directors of the McKnight Endowment Fund in Neuroscience. He was elected to the Institute of Medicine in 1998 and the American Academy of Arts and Sciences in 2005. Nestler is the author (with Dennis S. Charney) of Neurobiology of Mental Illness (ISBN 0195189809), of Molecular Neuropharmacology (with Steven Hyman and Robert C. Malenka; ISBN 978-0-07-148127-4), and more than 450 chapters and peer-reviewed publications. He is active in several research projects funded by the National Institute on Drug Abuse and the National Institute of Mental Health.

Some recent publications:


