

Curriculum Vitae.

Sietse F. de Boer (1959) studied Biology at the University of Groningen (MSc in 1984) and obtained his Ph.D. degree (1990) in Psychophysiology & Pharmacology at the University of Utrecht. The research of his Ph.D.-thesis revolved around the dynamics of stresshormones (plasma catecholamines and cortisosteroids) in the rat and its modification by psychological factors (controllability and predictability) and anxiolytic drugs (benzodiazepines and 5-HT_{1A} agonists). Ensuing (1990-1992), he was a postdoctoral research fellow at the Division of Behavioral Neurobiology, Hahnemann University Hospital, Philadelphia, USA, investigating the interactions between brain benzodiazepine and corticotropin-releasing hormone systems at the neurophysiological level (locus Coeruleus single-unit activity) and at the level of behavior (Geller-Seifter conflict paradigm). Since 1992, he is a staff member (assistant professor) of the Behavioral Physiology group at the Biological Center, University of Groningen, working on the behavioral physiology, pharmacology and neurobiology of aggression and coping with social stress in feral rat and mice strains with a special emphasis on individual differences. Currently, his main research focus is aimed at the identification of the physiological and neurochemical changes underlying the transition of normal aggression into pathological violent behavior.