

Pierre Burbaud is Neurologist, Neurophysiologist and Neuroscientist (MD-PhD). After initial studies in animal physiology and a post-graduate position in experimental psychology at Oxford University, he completed his medical training in Bordeaux. Appointed Assistant Professor in 1995 and Professor in 1999, he directed the department of Clinical Neurophysiology at Bordeaux University Hospital from 2006 to 2020. He is a member of the medical physiology section (44.02) of the « Centre National des Universités » since 2012 (president of the 44.02 section and vice-president of the 44 section from 2016 to 2021). He was also vice-president of the Society of Physiology from 2012 to 2018.

As a neurologist, he is specialized in movement disorders and deep brain stimulation. His clinical research deals with the pathophysiology of dystonia and Parkinson's disease but also obsessive compulsive disorders (OCD) and Tourette's syndrome. Attached to a CNRS team since 1985, he was head of a research group entitled « Monitoring of action in normal and pathological conditions » through different units (5543, 5527, 5293). His research activity in the lab is based on electrophysiological and imaging approaches developed both in non-human primate and human subjects. He has been particularly concerned with the role of the frontal mesial cortex in action monitoring. In extension of his clinical activity, he also developed an axis of research dealing with the pathophysiology of dystonia and OCD, and performed models of these pathologies in non-human primates.

He is a member of the Bordeaux University Hospital medical staff (CME) since 2012 and is in charge of the local arbitration committee. He is member of several scientific committees (AMADYS, AFSGT) and expert for various institutions (HCERES, CLINATEC, ANR).