

Patricia Parnet graduated from P and M Curie University in 1990, after three years of research in Dr. E Goetzl's Immunology Laboratory at the Howard Hughes Institute of UCSF (University of California-San Francisco) where she undertook the first work on the demonstration of the action of neuropeptides on immune functions.

Recruited in 1991 at INRA in the Laboratory of Integrative Neurobiology (Inserm U394) at the Institute of Neuroscience François Magendie, Bordeaux, she undertook with R Dantzer pioneering work in the field of neuroimmunology to highlight the role of proinflammatory cytokines on behavioral responses.

She then spent a sabbatical period in Seattle (WA, USA) at Amgen where she discovered the existence of the IL-18 receptor.

She was head of one of the team at Inserm U394, Bordeaux and participated to several European programs and NIH grant on the “cytokines and brain functions”.

In 2006 she joined, as research director INRA, UMR 1280 INRA-University of Nantes where she directed the INRA Young promising team "Nutritional programming of the central nervous system" and then took the leading position of the UMR in 2017.

In relation with the CIC Mother and Child of Nantes University Hospital, she develops fundamental and translational research on the nutritional stress effect on the development of brain structures involved in the regulation of eating behavior, food preferences and cognition in relation to the microbiota-gut-brain axis.

She is member of the scientific board of the Institute of Digestive Diseases and of DHU 2020 “Personalized medicine of chronique diseases” in Nantes.