“The neuroimmune basis of fatigue”

Robert Dantzer, DVM, PhD

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For the past 25 years, Dr. Dantzer has conducted both basic and clinical research to discover the mechanisms of inflammation-induced sickness and inflammation-induced depression, with the objectives of understanding how the immune message propagates from the periphery to the brain and how brain cytokines can ultimately affect behavior. He has incorporated neuroanatomy and cellular and molecular biology techniques and behavioral pharmacology approaches carried out in wild type and transgenic mice. He headed The Laboratory of Integrative Neurobiology in Bordeaux, France, from 1990 until 2006. In 2006 he moved to the University of Illinois at Urbana-Champaign to develop there a Program in Immunology and Behavior, further studying the mechanisms of the dissociation between sickness and depression and demonstrated for the first time a causal role for the tryptophan-degrading enzyme indoleamine 2,3 dioxygenase in the transition from sickness to depression. Today, he continues his work from the University of Texas MD Anderson Cancer Center studying the pathophysiology and treatment of cancer-related fatigue and depression.

Thursday, 5th April 2018
12:00 - 1:00 pm
Gonda Building 1st floor Conference Room

A light lunch will be provided
With questions, please contact Marina Samaltanos at ext: 58281