



Joëlle Cohen-Tannoudji is Professor of Reproductive Endocrinology at the University of Paris and Deputy director of the Functional and Adaptive Biology Unit (BFA, CNRS UMR 8251). The research interests of her laboratory are focused on the molecular mechanisms underlying development and function of the gonadotrope axis.

Title : The pituitary gland, a crucial relay in the neuroendocrine control of reproduction

The talk will illustrate recent works addressing one of the main questions of Joëlle Cohen-Tannoudji's laboratory, which is to understand how pituitary gonadotrope cells appropriately integrate regulatory signals such as the hypothalamic neurohormone GnRH but also those emanating from periphery. A special emphasis will be put on the molecular and epigenetic mechanisms establishing GnRH receptivity during gonadotrope lineage development and on the intriguing role of the Anti-Mullerian Hormone in the differential regulation of the two gonadotropins, notably during the prepubertal period.