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*Sex Differences in the Endocannabinoid System in Acute,  
Inflammatory, Chronic and Cancer Pain*

Dr Josée Guindon is an Associate Professor in the Department of Pharmacology and Neuroscience at Texas Tech University Health Sciences Center (TTUHSC). She has obtained her Doctorate in Veterinary Medicine, Master and Ph.D. from Université de Montréal. She did her post-doctoral training at University of Georgia for which she received a substantial post-doctoral fellowship from the Fonds de la Recherche du Québec en Santé (FRQS). Dr. Guindon has a funded laboratory from NIH and got awarded an R01 from NIDA to study mechanisms of cannabinoid tolerance. Dr. Guindon also won several career awards. In 2019, she won the TTUHSC President Early Career Investigator Award and in 2016 the Unsung Hero Award honored by the Provost and Dean of TTUHSC. She has already published more than 42 manuscripts and 6 first-authored book chapters as well as giving more than 46 invited seminars for local and international conferences. Dr. Guindon is an expert in the behavioral, pharmacological, biochemical and transgenic analysis of pain mechanisms, using various pain models and investigating sex differences. She has greatly contributed and pioneered, neural and brain endocannabinoid mechanisms that regulate and modulate pain by studying sex hormones, thus opening up new and novel understandings of the ways in which pain is transmitted through the nervous system and opening up new and novel approaches to the pharmacological management of chronic and cancer pain.