

Novel approaches to drug discovery

Eric Marsault

Département de pharmacologie, Université de Sherbrooke

In the first part of the presentation, we will go through the basic concept of a novel drug discovery platform that allowed the synthesis of 25,000 macrocycles. We will then cover key aspects of the medicinal chemistry of the program, that culminated into the identification of two molecules presently in clinical development or in advanced preclinical evaluation for the treatment of gastro-intestinal motility disorders. In the second part, I will present an overview of starting projects in the Marsault laboratory at U. Sherbrooke.