

Màj 03/07/2020

**UE 2.2. Current concepts in Diabetes and cardiovascular diseases**

**12 ECTS**

**Parcours « *Diabetes and Cardiovascular Diseases* »**

**ST4 : Drugs and drug development in diabetes and cardio-metabolic diseases**

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The aim of the seminar is to present the possible modalities for the discovery and preclinical development of new active pharmaceutical ingredients. It focuses on the key milestones and methods of this process: the choice of a therapeutic target and its validation, the development and qualification of a preclinical model, the design of a ligand, and the dashboard of the project manager for the continuous performance evaluation of a drug candidate. Examples will be taken in the pathology of diabetes, cardiovascular diseases or NAFLD.

**Duration** : 0.5 day

**Program** :

9h00-10h00: From the identification of the therapeutic target to the drug candidate

10h00-11h00: Case studies. Article presentation by a group of students (reverse classroom)

11h00-12h00: Invited conference

**Educational team** : Julie Charton, Benoit Deprez, Annabelle Dupont, Sophie Lestavel, Réjane Lestrelin