

Vendredi 8 octobre 2021
à 11 heures

Webinaire



Cancer therapeutics: evaluation and clinical transfer of (nano)-compounds

For several decades, development and research on nanoparticles have been intense, particularly for biomedical approaches. Numerous innovations have been made in the design, characterization, and evaluation of these nano-objects, allowing the multiplication of clinical trials and the marketing of nano-formulations in France and around the world.

From my previous expertise at the Institut Lumière Matière (Villeurbanne), I will describe the step-by-step process from bench to mice to men of a nanoparticle dedicated to image-guided radiotherapy. I will present the proof of concept, the evaluation of the toxicity and ADME, and the main stages of the Investigational Medicinal Product Dossier (IMPD) for an anti-cancer nanomedicine.

I will pursue with my current research developments at the Institute for Advanced Biosciences (Grenoble): the development of innovative fluorescent probes for image-guided surgery, and the evaluation of improved vectorization of boron in tumor area for boron neutron capture therapy, a type of radiotherapy in (re)development.



Dr Lucie Sancey, invitée par Chantal Pichon

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