

日時 11月18日 月 17:00-18:30
(事前申込不要)

The role of extracellular vesicles in the immunostimulatory effects of radionuclide-targeted therapy(tentative)

GUEST

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<https://www.ircm.fr/index.php?pagendx=419>

<https://www.researchgate.net/lab/Jean-Pierre-Pouget-Lab-2>



Introduction

Dr Jean-Pierre Pouget obtained his PhD thesis in Radiobiology in 2000 from the Curie Institute in Paris and carried-out a post-doctoral fellowship in the Nuclear Medicine Research Laboratory at Barts and the London School of Medicine and Dentistry. He then moved to Paris to the French Radiation Protection and Nuclear Safety Agency (IRSN) for 4 years where he worked on radiation casualties.

After moving to Montpellier, he joined INSERM (Institut national de la santé et de la recherche médicale), where he is currently research director and head of the "Radiobiology for targeted and personalised radiotherapy" team at the *Institut de recherche en cancérologie de Montpellier* (INSERM, France).

His work focuses mainly on the radiobiology of radiopharmaceuticals used in cancer imaging and therapy (targeted radionuclide therapy, TRT). More specifically, he is studying the role of the targeted (radiative) and non-targeted (secondary and systemic/immune) effects of TRT. These effects involve intercellular communications mediated by small extracellular vesicles and activation of the immune system via cGAS-STING pathways. The ultimate goal of his multidisciplinary team is to optimize cancer TRT through a better understanding of the radiobiological aspects.

He has published over 90 articles and book chapters on radiobiology and radionuclide therapy, as well as several patents. In addition to his research activities, Dr Pouget teaches at the University of Montpellier, INSTN Saclay, the University of Grenoble and the University of Marseille. He is a member of the EANM TMI&T Committee and head of the EANM Radiobiology Group. He is President of the French Radiobiology Society (SFBR). His team is accredited by the National Cancer League.

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