

Wednesday, 16<sup>th</sup> November, 9.30am, SEMINAR ROOM

*Host: Dr. Silvia Collavini*

## **Tiny atoms and small molecules: when size mismatches ego**

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In this talk, I will comment on the employment of the organofluorine chemistry as a tool to modulate the properties of drug-like molecules. I will particularly focus on the advent of the latest polyfluorinated groups, such as SF<sub>5</sub>, and the potential that they harbor in becoming future mainstream functionalities in medicinal chemistry. The second part of the talk will extend towards the use of small-molecule-based chemical probes for PET and fluorescence imaging as means of targeting voltage-gated calcium channels.