

**Biosketch Pr. Sylvain ROUTIER, Full professor in organic chemistry.**

Director of a Research Team of ICOA UMR 7311 "Heterocyclic and medicinal chemistry", University of Orléans, France. Member of the administrative council of the French Medicinal Chemistry Society and its General Secretary since 2018. Sylvain Routier is born in 1969 in Montreuil sur Mer, a nice small town in the north of France. He started his career with a PhD in Lille and discovered novel chemical nucleases. After a post-doctoral position with UCB pharma, he joined, as assistant professor, the Gerald Guillaumet Group in Orleans and developed novel methodologies in organic synthesis and series for medicinal chemistry and more precisely worked in heterocyclic chemistry. In 2007, he became full professor and leader of a research team (with Drs F. Buron, K. Plé and 10 students). He has received several national funding and two Labex IRON and SYNORG grants (French excellence programs). He is the lead of integrated academic or industrial medicinal chemistry programs which are oriented in the discovery of heterocyclic drugs for innovative medicine (imaging and therapy, chemical biology). He is author of 154 publications (h index 31) and filed 12 patents. In 2019 he co-funded [Starlight](#) company which valorize one patent and an exclusive know-how in the chemical biology field for ADME-Tox studies.

Since 2011, he managed the Marine Drugs, Metabolism and Cancer of the Cancéropôle Grand Ouest (19 teams, translationnel projects in oncology: clinic, chemistry, biology...). In 2021 he became Director of ICOA.