

Born in 1958, full professor since 2002, got a PhD under the guidance of Prof. M. Le Corre (1987) in organic synthesis, has worked in industry as R&D chemical engineer and also as manager of lab (1987-91), then has joined the University of Rennes 1 as Associate Professor in Jack Hamelin's group and contributed to the use of microwave mainly in heterocyclic chemistry (pharmacy and cosmetic). In 2000, has begun to develop the ionic liquid chemistry associated to microwave irradiation in specific applications for the "Ionic Liquid Phase Organic Synthesis" methodology and also for the Brønsted Ionic Liquid approach in catalysis. At present, in the ICSR, his major work is focused on organic synthesis under microwave irradiation for development of marine alkaloid analogues or low molecular weight five-membered heterocycles as specific inhibitors of protein kinases for cancer, central nervous system (CNS) and tropical diseases. Author of more than 100 peer-reviewed scientific articles, 25 invited plenary conferences, 51 oral communications or keynotes and 90 poster presentations in international and/or national congress, 4 patents, 6 book chapters and editor of 1 book.