

Benoît PIRO is Professor in Chemistry at Université de Paris Cité in France, Laboratory ITODYS. He got his MSc in Université de Poitiers, France, before to join Université Paris 7 – Denis Diderot in 1995 to prepare a PhD in the field of lithium batteries; he also developed, during his PhD, a innovative active medical device. Soon after being hired Assistant professor in 1998, he participated to the academic development of electrochemical biosensors directed to various target molecules (DNA, miRNA, proteins, peptides, antibodies, organic pollutants), including with international collaborations. He also participated to their economic valorization through patents, public and private contracts. Since 2010, he moved from purely electrochemical devices to organic electronic devices for sensing, e.g. organic field effect transistors (OFETs) and electrolyte-gated ones (EGOFETs and graphene FETs), but also electrochemical transistors OECTs, all applicable to aqueous media, which opens toward applications in the medical or environmental fields. Since 2016, he also introduced and developed printing technologies in his research group, not only for chemical but also for physical sensing.