

Dr. Isabelle Texier obtained her Ph. D. in photochemistry in 1999 from Ecole Normale Supérieure de Cachan. After a post-doctoral position at the Superior Technical Institute of Lisbon on the phototherapeutic properties of functionalized fullerenes, she joined CEA-LETI in 2001, where she is presently a CEA Senior expert fellow. Since July 2006, Dr. Texier has been project manager in nanomedicine in the HealthCare department of CEATech. She has developed a technology of lipid nanoparticles dedicated to *in vivo* applications (imaging, drug and SiRNA delivery, vaccines), and is presently involved in biomaterials and drug delivery systems for localized and sustained delivery of chemical or biological drugs. Her particular interests are focused on stretchable, conductive, or injectable hydrogels, and since 4 years in polymeric microneedles. Various microneedle systems have been developed for fast or on-demand drug delivery, as well as interstitial fluid uptake for wearable sensors. Isabelle Texier is co-author of 55 publications (H-factor 29, scopus), 4 book chapters, 20 reviewed proceedings and has filed 27 patents. Dr. Isabelle Texier has obtained her *Habilitation à Diriger des Recherches* in June 2010 and since mentored 7 Ph. D students.