

Jennifer Patterson, PhD

Biographical Sketch

Dr. Patterson is a researcher and group leader at IMDEA Materials Institute in Spain. Her career has spanned both industry and academia, as well as different continents, with positions as an independent consultant in Belgium, chief scientific officer of BIOFABICS LDA in Portugal, assistant professor at KU Leuven in Belgium, and research assistant at Therics, Inc., in the USA. She received a BSE in chemical engineering from Princeton University (USA) and a PhD in bioengineering from the University of Washington (USA), and she was a postdoctoral fellow at the École Polytechnique Fédérale de Lausanne (Switzerland). Her research interests are in the areas of biomaterials and tissue engineering, with a focus on the development of novel materials, most often based on hydrogels, for the controlled spatial and temporal presentation of bioactive signals to stimulate tissue regeneration. She has been a member of Sigma Xi since 1998 and is also an active member of the Society of Women Engineers and Biomedical Engineering Society.