

## **Prof. Matteo Santin's Biography**

Prof Matteo Santin is Professor of Tissue Regeneration at the School of Pharmacy and Biomolecular Sciences, University of Brighton, UK, leader of both the Brighton Studies in Tissue-mimicry and Aided Regeneration (BrightSTAR) group and the Brighton Centre for Regenerative Medicine. His career in biomedical research and teaching spans over 25 years and it has been marked by significant achievements that were internationally recognised in 2005 by the European Society for Biomaterials who conferred him the Jean Leary Award. From 2008 to 2015 Prof. Santin was Associate Editor and later Editor-in-Chief of the Journal of Materials Science: Materials in Medicine, the official journal of the European Society for Biomaterials.

Currently, Prof Santin is the President of the European Society for Biomaterials and vice-chair of the ETP on Nanomedicine, Regenerative Medicine Working Group. He is a member of various scientific advisory groups in the UK and across Europe. He is the founder and director of 2 start up companies with a mission in biomaterials for biomedical applications and pre-clinical handling of cells, Brighton Wound Care Ltd and Tissue Click Ltd.

His scientific interests include natural biomaterials, synthetic biomimetic nano-structured biomaterials able to control tissue regeneration, and *in vitro* clinically-reflective models for the testing of biomaterials and tissue engineering constructs. He has published over 70 papers and unveiled for the first time the biochemical and cellular mechanisms of inflammatory response to silk fibroin, new cellular mechanisms leading to the failure of cardiovascular stents and the tissue regeneration potential of novel soybean-based biomaterials and biomimetic dendrons.