

Project Title	Developing innovative biomaterials for regenerative medicine, advanced therapeutics and biosensing
Supervisor	Prof Molly Stevens
Theme	Biomedical Sensing Diagnostics and Imaging Medical Devices Microfluidic Technology Development Microscopy Molecular and cellular bioengineering Neurotechnology and robotics Regenerative Medicine and Biomaterials
Project Type	Lab based
Project Description	<p>"We have a range of projects available focused on the design of novel material-based strategies applied to disease diagnostics, regenerative medicine, advanced therapeutics and drug delivery. Our portfolio includes fascinating research from understanding the fundamental mechanisms of the cell-material interactions to developing highly translatable technologies such as ultrasensitive point-of-care diagnostics, bioinspired tissue engineering scaffolds and pioneering bionanomaterial characterisation equipment. Our research group provides a welcoming, inclusive and stimulating environment to develop creative and collaborative early career researchers.</p> <p>We are an award-winning, highly multidisciplinary team looking for the very best students in chemistry, engineering, cell biology, physics, materials science and medicine. Diversity in all its forms is important to us, and we welcome students from all over the world. Please contact Akemi Nogiwa (a.nogiwa-valdez@imperial.ac.uk) for more information. www.stevensgroup.org"</p>