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Alonso is full professor in biopharmaceutics and pharmaceutical technology at the University of Santiago de Compostela. Her research focuses on the design and development of novel nanostructured materials intended to transport complex biomolecules, drugs, and antigens across biological barriers and deliver them to the target tissue. She has pioneered the development of chitosan nanoparticles for drug delivery.



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Chilkoti is the Theo Pilkington Chair in Biomedical Engineering at Duke University and is currently the director of the Center for Biologically Inspired Materials and Materials Systems at Duke University. His areas of research include biomolecular engineering with a focus on stimulus responsive biopolymers for applications in protein purification and drug delivery, and biointerface science, with a focus on the development of clinical diagnostics and plasmonic biosensors.



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Gomes is a PhD student in biomedical engineering at the University of Porto. She has a bachelor's degree in biomedical sciences from the University of Aveiro and a master's degree in molecular and cell biology from the University of Coimbra. Currently she is working toward the development of functionalized chitosan-based nanoparticles for the targeted delivery of pDNA to the nervous system.



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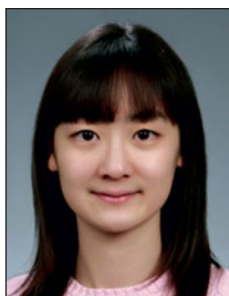
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Jeon is a professor of mechanical and aerospace engineering at the Seoul National University. In 2001, he joined the faculty of the Department of Biomedical Engineering at the University of California, Irvine. In 2009, he joined the faculty of the Mechanical and Aerospace Engineering at Seoul National University. His research interests include vascular engineering of organ-on-a-chip for drug delivery and drug screening systems, with a focus on development of bio-mimetic microfluidic platforms for neuroscience and cancer research.



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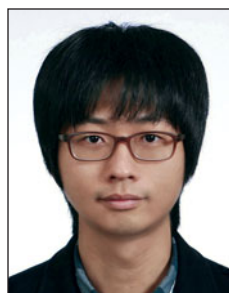


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His research interests include targeted drug delivery with polymeric nanoparticles and the development of smart nanoplatforms for theragnosis.



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Lee is a PhD candidate in the School of Mechanical and Aerospace Engineering at Seoul National University. He received his bachelor of engineering degree in mechanical and aerospace engineering at the Seoul National University in 2010 and his master of engineering degree in 2012. His current research interest is in the development of *in vitro* models for vascular biology and tumor microenvironment.



Jamal S. Lewis

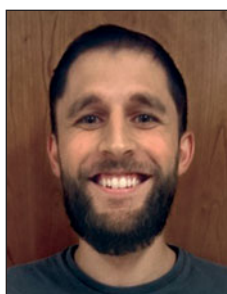
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Lewis received his PhD degree in biomedical engineering in 2012 from the University of Florida. As a postdoctoral associate at the University of Florida, Lewis focused on the development of a dendritic cell-targeting, microparticle-based vaccine for the prevention of Type 1 diabetes. He was recently awarded a Phase I Small Business Innovation Research grant to explore the possibility of commercializing this microparticle-based vaccine formulation for OneVax, LLC, where he also serves as a senior scientist.


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Lopes is a PhD student in neurosciences at the University of Porto. She previously attended the Health Sciences School of the Polytechnic Institute of Porto from where she received a degree in pathological anatomy, cytology, and thanatology. Her current research work focuses on the evaluation of nerve regeneration after gene therapy mediated by a chitosan platform designed for targeted gene delivery to the peripheral nervous system.


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Mastria is a MD/PhD student in biomedical engineering at Duke University studying drug delivery to tumors in the lab of Ashutosh Chilkoti. He previously attended the University of Michigan, where he received a bachelor's degree in chemical engineering in 2009. He is a member of the Alpha Omega Alpha Medical Honor Society and Tau Beta Pi Engineering Honor Society.


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Moreno is an assistant investigator at INEB in the NEWTherapies Group working in the Biomaterials for Neuroscience Team. He received a doctoral degree in molecular cell biology from the Karolinska Institute. His research interests focus on development of DNA technologies for therapeutic applications and the design of biomaterial-based vectors for delivery of nucleic acids to target tissues and cells.


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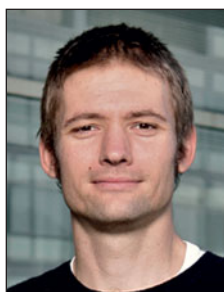
Pêgo is a principal investigator at INEB and an invited professor at the University of Porto. She is co-coordinator of the NEWTherapies Group and leader of the Biomaterials for Neurosciences team. Her research on new biomaterials for application in neurosciences includes the development of new polymers for the design of biomaterial-based vectors for gene therapy and preparation of nerve grafts for spinal cord injury treatment.


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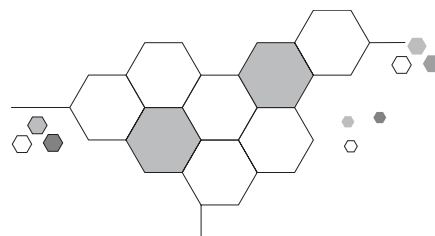
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