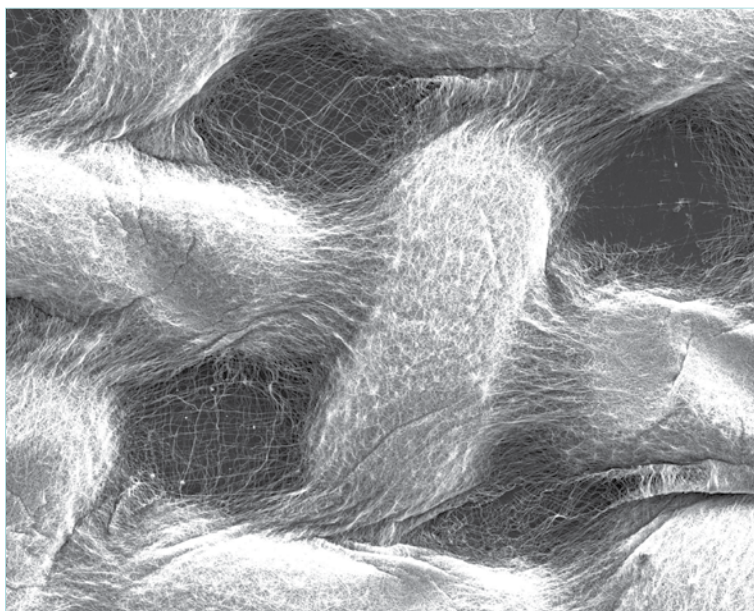


Centre for Research in Medical Devices (CÚRAM)

CÚRAM aims to radically improve health outcomes for patients by developing implantable ‘smart’ medical devices. It will develop these devices through strong clinical collaborations with industry partners and hospital groups to enable their rapid translation to clinics.



Centre for Research in Medical Devices



Research programmes

Backed by €41.3m in SFI and industry funding, CÚRAM’s 200-plus researchers are designing and manufacturing implants to respond to the body’s environment and to deliver therapeutic agents exactly where they are needed. CÚRAM’s outputs will particularly benefit patients with chronic ailments such as heart disease, wound healing, diabetes and musculoskeletal diseases.

Academic partners

- > NUI Galway
- > University College Dublin
- > University College Cork
- > Dublin City University
- > Trinity College Dublin
- > University of Limerick
- > The Royal College of Surgeons in Ireland

Industry and commercialisation

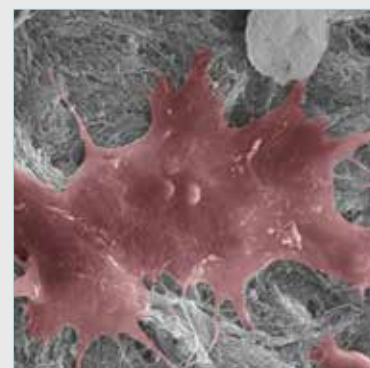
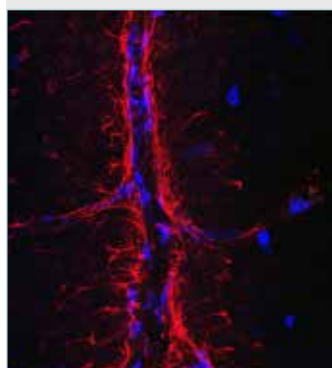
CÚRAM includes more than 35 industry partners, including Irish companies and multinationals. CÚRAM also supports product development and the creation of spin-out companies.

CÚRAM will position Ireland as the driver in developing medical device technologies that will provide affordable transformative solutions for chronic diseases. The centre will also sustain and strengthen Ireland’s standing as a major global hub for medical device research and development.

CÚRAM is driving the next generation of medical devices across a trajectory ranging from advanced material designs to regulatory compliance and manufacture, ultimately translating research into clinical settings.

Research Areas

- > Combinational and advanced delivery devices
- > Enhancement of current implants
- > Translation of medical technologies into clinical assessment

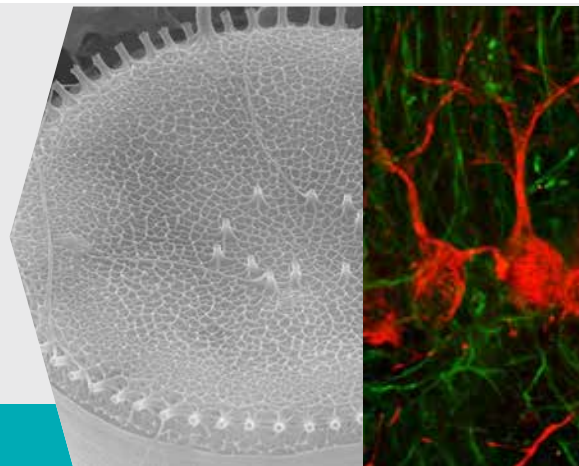


35+ Industry partners including:

- › Aerogen
- › Arch Therapeutics
- › Boston Scientific
- › Cook Medical
- › Medical Energetics
- › Mylan Inc
- › Starletderma

Facilities

- › Biomaterials manufacturing and processing at nanoscale level, including scaffold fabrication (electrospinning, freeze drying), GMP manufacturing
- › Centre for Cell Manufacturing
- › Device design
- › Clinical research and trial facilities
- › Physicochemical drug analysis
- › National Biophotonics Imaging Platform (NBIP) including pre-clinical imaging



Key Contacts

Prof Abhay Pandit

Centre Director

abhay.pandit@nuigalway.ie

Abhay Pandit is Professor of Biomaterials at the National University of Ireland, Galway. In 2012 Prof Pandit was inducted as an International Fellow by the International Union of Societies for Biomaterials Science and Engineering (IUSBSE). He was elected Council Member of the European Society for Biomaterials Society in 2013. He has received numerous honours, including the Johnson & Johnson Healthcare Innovation Programme Award and the Academic/ Emerging Medical Technology Company of the Year-Silver Award for 2013. In his industry career, Prof Pandit secured Food and Drug Administration clearance for a commercial wound dressing and Investigational Device Exemption approval for a collagen-based vascular sealant.

Dr Stefania Spada

Scientific Programme Manager

stefania.spada@nuigalway.ie

Dr. Neil Ferguson

Industry Programme Manager

neil.ferguson@nuigalway.ie

CÚRAM

Biosciences Building
National University of Ireland Galway
Galway
+353 91 495833

www.curamdevices.ie



Wilton Park House,
Wilton Place,
Dublin 2, Ireland

Tel: +353 (0)1 6073200
Fax: +353 (0)1 6073201
Email: info@sfi.ie
www.sfi.ie