



Developing the Next Generation of Biomaterials

Collaborative Research

The **Network of Excellence for Functional Biomaterials (NFB)**, based at the National University of Ireland, Galway (NUI Galway), actively engages in National and International collaborative Research and Development activities. **NFB** acts as a focal point for different sectors of the biomedical sphere: from biomaterials scientists and clinicians to industry partners and patient groups. **NFB** is an experienced National and International project coordinator and partner, currently participating in >50 projects. **NFB** is always willing to explore new collaborations.

NFB as Coordinator

- **Green Nano Mesh** FP7 - Cooperation - NMP 2011
Targeting **Hernia Operations** Using Sustainable Resources
- **Tendon Regeneration** FP7 - People - IAPP 2010
Targeting Functional **Tendon Regeneration** Using Biomimetic Scaffolds
- **AngioMatTrain** FP7-People-2012-ITN
Development of Biomaterial-based Delivery Systems for Ischemic Conditions
- **NeuroGraft** FP7-HEALTH 2012
Development of Functionalised Cell Seeded Bioartificial Organ for Transplantation in Nerve Repair
- EU Marie Curie IAPP
Camouflage for Cardiovascular Stents



Clinical Targets

NFB develops innovative functional biomaterial solutions to address current clinical challenges

Neural Regeneration

- Peripheral nerve
- Spinal cord
- Neuroinflammatory diseases

Cardiovascular Repair

- Myocardial infarction
- Acute and chronic limb ischemia

Soft Tissue Repair

- Wound healing
- Reconstructive Surgery
- Epidermolysis bullosa

Musculoskeletal

- Bone regeneration
- Intervertebral disc regeneration
- Tendon regeneration

Contact

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