

Supporting industry by promoting innovation through the creation of new ideas and technologies



44 Academic Leads
250 Researchers*
7 Clinicians **6** Universities



€37.1m funded by SFI

€12.5m
Industry

€20m
EU Horizon 2020

€69m committed to 2020



24 Industry Partners
9 MNCs
15 SMEs



1st in Human
Clinical Trial
successfully
completed

Creating solutions for application in:



RESPIRATORY

asthma
emphysema
lung inflammation



NEURAL

peripheral nerve
spinal cord injury
neurodegenerative diseases
pain and stroke



CARDIOVASCULAR

myocardial infarction
critical limb ischemia
syncope



MUSCULOSKELETAL

osteoarthritis
bone fractures
cartilage and disc degeneration
tendon injury



RENAL & UROLOGY

acute and chronic kidney
disease
diabetic nephropathy
interstitial cystitis



SOFT TISSUE

abdominal wall defects
hernia
chronic skin wound healing
corneal disease
skin ulceration
diabetes

*CÚRAM Funded and Affiliated

Developing Solutions

CÚRAM's research programme focuses on innovative device design, assessment and manufacture that is driven by specialist researchers, clinicians and industry partners. Our goal is to radically improve quality of life for patients with chronic diseases. CÚRAM works closely with community partners to raise awareness of its work and to engage the next generation of engineers and scientists.

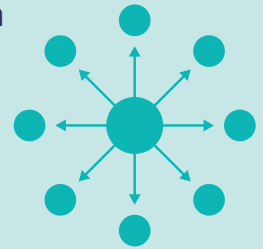
Research Expertise

- Biomaterials
- Drug Delivery
- Tissue Engineering
- Regenerative Medicine
- Device Design
- Glycoscience



Core Technologies

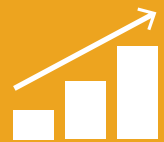
- Nano and Micro Scale Materials
- Biofunctionalisation
- Bioprocessing
- Device Function
- Diagnostics
- GMP Manufacturing
- Clinical Trials



394 Journal Publications
160 International Academic Collaborations



EDUCATION & CAREER DEVELOPMENT
Training scientific leaders of the future in Commercialization, Research Integrity, Excellent Science, Innovation & Translation



20 Community Partnerships to date



RESIDENCIES

3 Artists in Residence, engaging over **16,000** members of the public

10 Teachers in Residence annually



SCIENCE ON SCREEN

2 documentary crews **20** CÚRAM researchers
250,000 viewers



CURAMOBILE

600 students on outreach workshops
3 national events annually

Our Success at Horizon 2020

27 H2020 projects involving CÚRAM funded investigators

27 international industry partners including 8 Irish industry partners

€20m funding awarded directly to CÚRAM funded investigators

€13m funding awarded directly to industry

€4m funding awarded directly to Irish industry



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