

CÚRAM

An Impactful Medical Device Centre

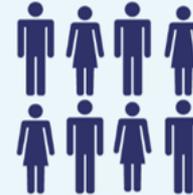
Ireland and Medical Devices



9 OF THE TOP 10
Global Medical
Technology companies
are **in Ireland**



25%
have a Global
Business Services
mandate



32,000
EMPLOYEES
The highest number
of people working in
the industry in any
country in Europe,
per head of
population



70% +
ENGAGED
IN R&D



€12.6bn
EXPORTS



300 +
COMPANIES
Up from 50 in 1993



13 OF THE TOP 15
MEDTECH COMPANIES
HAVE OPERATIONS
IN IRELAND

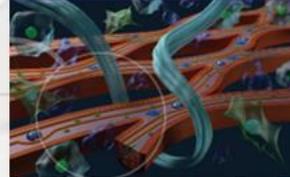


Mission

To develop affordable, innovative and transformative device-based solutions to treat global chronic diseases.

Industry is central to drive the translation of research into the next generation of medical devices and implants.

Hydrogel
Constructs for
Cardiac Disease



Glyco - Modified
Implants for
Parkinson's
Disease



Regenerative
Treatment for Disc
Degeneration



Patient Empowered
Devices



Site Responsive
Device for Critical
Limb Ischemia



Creating Solutions for Unmet Clinical Needs



RESPIRATORY

asthma
emphysema
lung inflammation
sepsis



NEURAL

peripheral nerve
spinal cord injury
neurodegenerative diseases
pain and stroke



CARDIOVASCULAR

myocardial infarction
critical limb ischemia
syncope



MUSCULOSKELETAL

osteoarthritis
osteoporosis and 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
diabetes



Supporting Industry through the Creation of New Ideas and Technologies



72 Academic Leads
667 Researchers
10 Clinicians
10 Partner Institutes



€37.1m funded by SFI

€12.5m

Industry

€71.4m

Leveraged

€121m committed to 2020



32 Industry Partners
11 MNCs
21 SMEs



1st in Human Clinical
Trial Completed
Leading **12** others

61 IDFs

35 Patent Applications

10 Licenses

3 Spin-outs



Working with Industry



Co-Funded Targeted Industry Projects



Open Call for Application



Tailor Made Projects with Efficient Project Approval Process



Managed industry programme with measurable deliverables and milestones



Adopt the Guidelines set out in the Ireland's National IP Protocol 2019



Industry Collaboration

- Medical Device
- Design or Research Need
- Investigator
- Cash Contribution
- Create Jobs
- Two Year Duration
- Strategically Aligned
- Value Proposition
- In-Kind



PUBLICATIONS



NEWSWORTHY



WORLD LEADER



PHD/POSTDOCS



Industry Partners



International Collaborations

406 Academic Collaborations

215 Industrial Collaborations



**EPSRC-SFI
Centre for Doctoral
Training**



**Confucius Institute for Chinese
and Regenerative Medicine**



**US – Ireland Partnership
Centre-to-Centre Initiative**



Non-Exchequer Funding

€33,784,312 awarded to Funded Investigators



66

The number of EU projects
CÚRAM Funded Investigators are involved in



€30,423,038

The amount of funding awarded directly to CÚRAM
Funded Investigators from EU projects



139

The number of industry(non-academic)
partners involved in these projects



€34,963,583

The amount of funding awarded directly to
industry in these projects



26

The number of Irish industries involved
in these projects



€5,825,498

The amount of funding awarded directly to
Irish industry in these projects

66% of Funded Investigators have EU Funding



CÚRAM – CDT Team

MANAGEMENT TEAM



Prof Abhay Pandit
Deputy Director



Dr Jessamyn Fairfield
EPE Lead



Dr Manus Biggs
Device Tech Lead



Dr Mihai Lomora
Programme Manager

Equality, Diversity, and Inclusion Working Group



Dr Una Fitzgerald

Interdisciplinary Skills Group



Prof Madeline Lowery

Skills and Training Group



Dr Ger O'Connor

CÚRAM – CDT Students



Eduardo Ribez Martinez
Dr Conall Denny
NUIG



Eileen Reidy
Dr Aideen Ryan
NUIG



Meenakshi Suku
Dr Michael Monaghan
TCD



Mirella Ejiugwo
Dr Ger O'Connor
NUIG



Yashna Chabria
Dr Róisín Dwyer
NUIG

RIGHT TIME

RIGHT PLACE

