



MedDevDoc PhD opportunity in Ireland

Applications are invited from suitable candidates for 25 full-time fixed term Marie Skłodowska-Curie Doctoral Fellows (DFs) with **CÚRAM**, *SFI Research Centre for Medical Devices*. These positions are available from November 2024 for a period of 48 months, on a range of projects.

MedDevDoc is an advanced Industry-Academia Training, Career Development, and Mobility Fellowship Programme. Positions involve two phases: an initial host organisation phase and a secondment phase in a non-academic organisation. The projects will encompass the broad area of Medical Device Research and Development, based at one of the Irish host organisations (full list of universities and projects at <https://curamdevices.ie/curam/research/meddevdoc/about-meddevdoc/>).

The first call for PhD candidates is **open until April 15 2024**. Candidates will develop an application based on one of the approved projects and supervised by one of the Principal Investigators.

One of the projects available for selection is **“Synthesis and design of functional antimicrobial glycosylated materials for medical device coatings”**, supervised by **Dr Joseph Byrne at University College Dublin (UCD)**, under the theme of *“Biomaterials and Drug Delivery Devices”*. Some experience in synthetic chemistry or materials chemistry would be valuable to candidates considering this project. The Byrne Group focusses on interactions of glyco-conjugates with pathogenic carbohydrate-binding proteins and has experience with polymers and bioinorganic chemistry (www.byrneresearch.com).

- **Candidate Applications:** Candidates should choose their preferred PI(s) and submit a detailed proposal with a maximum of 5 pages. Proposals and personal documents (CV, motivation letter, and language qualification) must be uploaded on the MedDevDoc platform.
- **Application Review Process:** Applications will be checked for eligibility after the online application system closes. Three independent experts will conduct an External international peer review. Top-ranked candidates will proceed to a competency interview.
- **Final Funding Decision:** MedDevDoc Steering Committee will endorse the final funding decision based on recommendations from Peer-Review Panel, Interview Panel, and candidate relevance.
- **Studentship funding:** Successful Doctoral Fellows will each month receive a living allowance of €2,058, mobility allowance of €517 and (when eligible) family allowance of €569. A budget for research consumables and travel is also provided.

Eligible candidates are encouraged to apply. Candidates should have a 1st class or 2:1 honours primary degree (BSc or equivalent). It is desirable (but not essential) that candidates will have or are soon to complete a masters degree in the relevant area.

CÚRAM MedDevDoc Fellowships are open to applicants of any nationality, resident anywhere in the world (see eligibility criteria in a guide for applicants), seeking a prestigious career development fellowship in medical device research and development. All applicants must fulfil the MSCA mobility requirements. We welcome applications from candidates who have had career breaks and are looking to return to a research-based career and from candidates who have had a non-traditional career path.

Full details are at: <https://euraxess.ec.europa.eu/jobs/185916>

If the project in the Byrne Group at UCD interests you, please email [joseph \[dot\] byrne \[at\] ucd \[dot\] ie](mailto:joseph.byrne@ucd.ie), with “MedDevDoc” in the subject line.

If one of the other projects interest you, please contact the appropriate PI directly.

