



BIOMEND

DOCTORAL NETWORK

Applications are invited for 15 Doctoral Candidate/PhD positions on the BIOMEND Marie Skłodowska-Curie Doctoral Network

Background: BIOMEND is an Industrial Doctorate Network that will provide world-class interdisciplinary training for 15 high-achieving Doctoral Candidates in the area of BIOabsorbable Metallic ENdovascular Medical Devices (BIOMEND).

Research Programme: BIOMEND will develop next-generation bioabsorbable metals for endovascular medical devices. BIOMEND will achieve this through the development of ultra-fine grain Magnesium and Zinc alloys that exhibit high strength and high ductility, with enhanced corrosion properties delivered by multi-layer coating technologies. These novel Magnesium and Zinc metal alloys will be leveraged to develop, design and fabricate a range of innovate bioabsorbable endovascular medical devices across both cardiovascular and peripheral applications.

DC Projects: There are 15 PhD Fellowship positions available on the BIOMEND Doctoral Network, with successful candidates undertaking 3-year PhD programmes, co-hosted by academic and industry members of the consortium. Further details about specific PhD projects are available on the [recruitment page](#) of the BIOMEND website.

Benefits and salary: The MSCA programme offers a highly competitive and attractive salary and working conditions. Exact salary will be confirmed upon offer and will be based on Living Allowance of €3400/month to be paid in currency of country where based and with a correction factor to be applied per country and a Mobility allowance of €600/month.

Eligibility Criteria: Candidates should ideally have backgrounds in Mechanical, Biomedical or Materials Engineering (or related discipline), with backgrounds in Biological/Clinical Sciences also eligible for a limited number of projects that will conduct pre-clinical testing. Candidates must also fulfil several eligibility criteria associated Doctoral Candidates for Marie Skłodowska-Curie Doctoral Network programmes. More information may be found on the BIOMEND [website](#).

Further Information: For further information, please email BIOMEND@universityofgalway.ie or visit the BIOMEND website at <https://www.biomend.eu/>.

Application procedure: To submit your application, please complete the online application form, which is available on the BIOMEND website through the link: <https://www.biomend.eu/application/>

Closing date for receipt of applications is 23.00 (CET), on 15th April 2024.

Participating Host Organisations: All DC positions will be jointly hosted by an academic and industry member of the consortium, which comprises of the following organisations:

