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Letter of Recommendation for Ana Maria Muñoz Gonzalez

To whom it may concern,

I am pleased to write this letter in strong support of Ana María Muñoz González for any future opportunities, whether in industry roles, academic research, or collaborative projects. I had the pleasure of supervising Ms. Muñoz González during her DAAD-funded research stay at our institute, where she worked on the project titled *"Characterization of Electrospun Nanofibers Scaffolds for Myocardial Tissue Engineering Application"*. As a result of this collaboration, we co-authored the article *"Graphene-enhanced PCL electrospun nanofiber scaffolds for cardiac tissue engineering"*, recently published in The International Journal of Artificial Organs.

Prof. Prof. hc Dr.-Ing.
Birgit Glasmacher, M.Sc.
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During their stay, Ms. Muñoz González demonstrated an exceptional level of commitment and capability for independent research. The research centered on experimenting with conductive and polymeric materials, which included graphene and polycaprolactone to improve the properties of polymeric nanofiber scaffolds designed for cardiac tissue engineering. Ms. Muñoz González not only determined the parameters for the electrospinning process of these nanofibrous scaffolds but also characterized their morphological, chemical, mechanical, and biocompatibility properties, demonstrating a theoretical and practical understanding of the field.

In addition to their academic achievements, Ms. Muñoz González also made contributions to our educational environment, sharing their knowledge and experiences with colleagues and students. Their presentation at the *2nd International SIIRI Symposium* and participation in the *German-Ukrainian collaboration workshop in 2023* was met with great interest, reflecting their ability to communicate scientific ideas and their potential to lead in the research domain.

Ms. Muñoz González is a great candidate for any future endeavors because of their enthusiasm for research and their demonstrated ability to overcome obstacles and support team efforts. With the knowledge and expertise, she has acquired during and after their DAAD-supported stay, I am sure she will be able to make significant improvements in any environment.

Please feel free to contact me if you require any further information.

Sincerely,

Prof. Prof. hc Dr.-Ing. Birgit Glasmacher, M.Sc.
Director Institute of Multiphase Processes

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