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Advancements in Brushite cement formulations for bone repair

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Curriculum Vitae

Claudia Morilla Espino was born on January 13, 1994, in Havana, Cuba. She completed her pre-university education in 2012 at Preuniversitario “José Martí”, where she followed a science-focused curriculum. In 2013, she enrolled at the Technological University of Havana to study Biomedical Engineering, earning her Bachelor of Science degree in April 2017.

She then pursued a Master of Science degree in Materials Science and Technology at the University of Havana. Her master’s research focused on the development of composite biomaterials for biomedical applications, and she successfully defended her thesis in January 2020.

In November 2020, Claudia commenced her Ph.D. research in Medicine at Leiden University Medical Center (LUMC) in the Netherlands, under the supervision of Prof. Dr. Lioe-Fee de Geus-Oei, Dr. Ir. Jeroen van den Beucken, and Prof. Dr. Ir. Louise van der Weerd. Her doctoral research focused on brushite calcium-phosphate cement formulations for bone regeneration and controlled drug delivery.

Alongside her academic path, Claudia served as an Assistant Professor at the Technological University of Havana between September 2017 and April 2021. In this role, she was involved in teaching courses related to biomaterials and supervising interdisciplinary student projects. She has presented her work at international conferences and published in peer-reviewed scientific journals.

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On a personal note, I am profoundly grateful to my family. To my parents and sister, for instilling in me the values of perseverance and curiosity. To my partner, thank you for your unwavering support, patience, and encouragement throughout these demanding years. Your presence has been my grounding force.

To my close friends, both near and far, thank you for your understanding, moral support, and for always reminding me of life beyond the PhD. A special thanks to Maite and Ariel, for taking me under their wing and showing me how to live in a foreign country.

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