



September 6th, 2024

Dear ISBF Board,

It is a true honor to be considered for a position on the ISBF Board representing the Americas. ISBF is the academic society with which I most genuinely identify, not only because it perfectly aligns with my research focus in biofabrication and bioprinting, but also because it is comprised of researchers I deeply admire and respect. Being noticed by this community has been a highly gratifying experience, and I am truly motivated by the acknowledgment my research group and I have already received. For instance, ISBF recognized my first doctoral student, Johana Bolivar Monsalve, with the ISBF Young Scientist Award (Americas) in 2021, and I was humbled to receive the ISBF Professional Development Award in 2023. These recognitions have been deeply inspiring for our entire research group.

Together with Dr. Mario Moisés Alvarez, I co-lead a pioneering research group in the fields of biofabrication and tissue engineering in Mexico and Latin America. I believe this role positions us as natural promoters and ambassadors for ISBF in our region. We are about to inaugurate an *Advanced Biofabrication* research laboratory in a new building called "Expedition" at Tecnológico de Monterrey. This lab will serve as a showcase to attract the attention of industry, private initiatives, and society at large, with the goal of raising awareness about the significance and potential of biofabrication in our region. Through this lab, we aim to significantly expand the impact of biofabrication by fostering translational science.

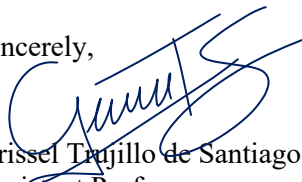
Our group has also been instrumental in promoting biofabrication and tissue engineering by incorporating these subjects into the Biomedical Engineering curriculum at Tecnológico de Monterrey. This, in turn, encourages young students to pursue careers in this field. We have organized *hands-on* biofabrication workshops both within and outside our institution, including at the University of Ottawa, the National University of Costa Rica, and a genomics conference in Brazil. I have delivered numerous talks, both in person and virtually, to students and colleagues interested in bioprinting in Mexico, Colombia, Costa Rica, Peru, Venezuela, Chile, Ecuador, and Guatemala. Through these interactions, I sense that students and colleagues feel that this type of research can be competitively conducted at an international level from our countries, which is a crucial part of my mission in giving these talks.

Despite operating with limited resources, our group has proudly made significant contributions to the field of biofabrication and bioprinting, as evidenced by our publications in prestigious journals such as *Biofabrication*, *Bioprinting*, *Advanced Healthcare Materials*, *Advanced Materials Technologies*, *Advanced Materials Interfaces*, and *Small*. I am confident that such achievements can become much more common from Latin America. Mexico and the broader region have immense talent that could significantly contribute to the evolution and advancement of biofabrication, bringing fresh perspectives, creativity, and addressing our local needs, while also driving the field forward globally. A position on the Board would, I believe, serve as an enabler to help catalyze these developments and accelerate their occurrence.

I believe that the goals and values of our group align beautifully with ISBF's inclusive and strategic vision, and I am confident that being part of the ISBF Board would be not only an honor but also a synergistic opportunity to further contribute to the society's mission from my position.

Thank you for considering my candidacy. I am excited about the possibility of contributing more actively to ISBF and representing our region on the Board.

Sincerely,



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