

Vienna, 26th July 2024

Dear members of the Medical Imaging Cluster,

With this letter I would like to express my great interest in joining the Steering Board of the Medical Imaging Cluster at the Medical University of Vienna. With a solid background in medical imaging, an unwavering commitment to research excellence and a great passion for fostering interdisciplinary collaboration, I believe I can contribute significantly to shaping the future direction and success of this central platform.

As a Senior PostDoc in the Department of Clinical Pharmacology, I specialize in translational pharmacokinetic imaging, with a particular focus on PET imaging from preclinical studies to clinical applications. This extensive experience has given me a thorough understanding of both the technical and clinical aspects of medical imaging. I have had the privilege of coordinating and conducting numerous projects, enhancing my expertise and broadening my perspective in this rapidly evolving field.

Throughout my career, I have been actively involved in research, concentrating on imaging biomarkers. My work has been published in top-rated journals and presented at international conferences, showcasing innovations designed to improve the understanding of biological processes. Notably, my recent research on the first-in-human evaluation of a new PET tracer to assess the function of multidrug resistance-associated proteins has shown the potential to assess molecular targets relevant for drug disposition in humans at a whole-body, multi-tissue level.

I firmly believe that interdisciplinary collaboration is crucial to achieving breakthrough advances in medical science. I have always looked for opportunities to collaborate with experts from different disciplines, including biology, pharmacy, medical physics, and clinical medicine. This multidisciplinary approach has not only enriched my own work but has also led to the development of innovative solutions to complex medical challenges. As a member of the Steering Board, I am eager to support the Medical Imaging Cluster in several key areas:

Research and innovation: I will promote and optimize research in both clinical and theoretical areas to ensure that the platform remains at the forefront of advances in medical imaging.

Education: I am committed to educating and mentoring the next generation of MIC members through comprehensive educational programs and mentorship initiatives.

Collaborative networks: I plan to support the platform's collaborative efforts both within the university and with external partners to create a dynamic and integrated research environment.

Joining the Steering Board is an exciting opportunity for me to contribute to the academic community and to influence the strategic direction of medical imaging research. I am deeply motivated by the potential to make significant progress in this area and to support the Medical University of Vienna in realizing its mission of excellence in research and education.

Thank you for considering my application.

Sincerely,



Severin Mairinger