

BIOSKETCH

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Current Positions:

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Motivation statement:

“Take rest; a field that has rested gives a beautiful crop” Ovid

The MIC has always been close to my heart. Since its inception, I have actively participated as a node speaker and as a member of the steering board. After a two-year hiatus, I am truly motivated to rejoin the steering board. Many of my colleagues, collaborators, and friends are members of the MIC. Several of my ongoing projects began at MIC meetings. The MIC is truly one of my home societies, and it would be an honor to serve as a member of the MIC steering board again. Our field is a melting pot of ideas from diverse people all over the world; collaborations and interactions are more important these days than ever. The breadth of our projects can only be accomplished through diverse and interdisciplinary efforts.

As a steering board member, I will further the roles of our MIC nodes and promote new networking opportunities with other MUV clusters, societies, and industries. If elected, I will initiate a platform to match collaborative interests between students, junior and senior faculty across Vienna, Austria, and beyond. This will help identify expertise and facilitate contact opportunities for new collaborations, particularly aiding trainees and students in expanding their networks.

Scientifically, I will strive to integrate more bioengineering aspects into the MIC. We need complex solutions to complex problems, such as noninvasive imaging of the tumor microenvironment and tumor heterogeneity. Integrating bioengineering with AI and our core field can hopefully push us forward scientifically. Lastly, at the core of MIC has always been the annual festival, an opportunity to get together, meet old friends, make new ones, and exchange ideas. Together with the board members, I will do my best to expand our tradition and visibility.

Research field:

My main field of research interest are clinical and experimental investigation on a cellular and sub-cellular level to diagnose cancers, earlier, more accurate, minimal and/or non-invasively. My working group developed and optimized several methods on the basis of PET, MRI, mammography and US, different molecular imaging tools, as well as minimal invasive diagnostic techniques. Recently with the integration of AI. I served as author or co-author of more than 380 scientific articles. I served as PI or Co-PI of several research grants among them four EU grants (VH-PRISM, HYPMED, MURAB, CANCER SCAN). I have been honored with several national and international awards. Additionally, I serve as a section editor and reviewer of several medical journals. I have also served as the president of several medical societies, including the European Society of Breast Imaging (EUSOBI), the *vfwf*, and the Austrian Society of Senology.

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