

Nathalie Virag



Member of the IHI JU Science and Innovation Panel

Representing MedTech Europe

Distinguished Scientist,
Medtronic

Nathalie Virag PhD is a Distinguished Scientist responsible for strategic partnerships and government funding programs at Medtronic Corporate Technology and Innovation. She is based at the European Headquarter in Switzerland. She has more than 24 years of experience in the medical device industry. Her expertise lies in cardiovascular, neurological, feasibility studies, computational modelling, digital twin, predictive engineering, and digital innovation.

She received a MS in electrical engineering and a PhD in signal processing from the Swiss Federal Institute of Technology in Lausanne, Switzerland (EPFL). She is a member of the Medtronic Bakken Society, an honorary society at Medtronic recognizing the highest levels of scientific accomplishment. She is a member of AIMBE college of fellows (American Institute for Medical and Biomedical Engineering). She sits on the editorial board of the Journal Annals of Biomedical Engineering and served as a guest editor for the Journal Europace.

Nathalie is actively engaged in research outside Medtronic and collaborates with international teams in industry, academia, hospitals and government institutions to accelerate meaningful innovation in healthcare and improve patient outcome. She is recognized for her ability to translate basic research concepts into medical solutions.

She is the Vice-Chair of the MedTech Europe Research and Innovation Committee. She is also a member of the EIT Health consortium supervisory board (European Institute of Innovation).