

Hello Everyone,

I wish to candidate for the Vice Chair position of the QSP SIG. I am motivated to help and support the Leadership Team by dedicating time and energy for promoting, developing and shaping the future of QSP under the umbrella of the ISOP. I have - in particular - a strong interest in actively supporting the future development of QSP in the era of advanced analytics.

I am an applied mathematician and computer scientist by training. I was trained in France, Italy and Israel. I was assistant professor at Inria ([www.inria.com](http://www.inria.com)) in France for 7 years before joining Roche ([www.roche.com](http://www.roche.com)) in 2015. I am now leading the Translational Modeling and Simulation team in Basel, Switzerland. I am the author of ca. 50 publications published in peer-reviewed journals. Coming from a mathematical and computer science background, I have been very much interested in the validation and application of mechanistic models to the identification of optimal dosing regimen of anti-cancer drugs in patients.

Quantitative systems pharmacology holds great promise to address key drug development questions by its ambition to integrate multiscale types of data in computational framework. How can QSP take advantage of artificial intelligence (AI) approaches to increase its applicability and impact on drug development and patient's care? What are the potential new horizons of applications for QSP when merged with AI techniques? These are the questions I feel passionate about. I feel motivated to work with my colleagues to create the right environment for all of us to openly question ourselves on the future of our discipline and support our scientific community to move boundaries, discover and adopt new technologies to bring QSP to the next level.

Yours sincerely,

Benjamin