



Susanna Summa acquired Bachelor Degree in Bioengineering at Università Campus Bio-Medico di Roma and Master Degree in Bioengineering at Università degli Studi di Genova curriculum in Neuroengineering. She was Ph.D candidate in Bioengineering in collaboration with NeuroEngineering and NeuroRobotics Lab (NeuroLab) under the supervision of Vittorio Sanguineti and Maura Casadio.

She is a member of the Movement Analysis and Robotic laboratory (MARlab), at the Bambino Gesù Pediatric Hospital under the supervision of Maurizio Petrarca. Previously she was at the Research Unit of Neurophysiology & Neuroengineering of Human Technology Interaction, at the Campus Bio-Medico University. Her main research areas are neural control of movements, motor learning in normal and pathologic conditions, neuromotor recovery through robotic technologies and natural interfaces in persons with neurological disorders. Currently she is focusing her interests on movement analysis of pediatric patients and in the study of human-machine interaction as tools for the assessment of neuromotor diseases and for neuromotor recovery with robotic platforms.