Valentina Di Micco

Project title: *Predicting epilepsy surgery outcome*

Duration	6 months
Short Bio	Child Neurologist Epilepsy Epilepsy surgery Developmental and Epileptic Encephalopathies
Home Institution	Ospedale Pediatrico Bambino Gesù – Rome
Host institution	Danish Epilepsy Center – Filadelfia – Dianalund – Denmark
Project description	I learned to use BESA program, a comprehensive tool for EEG source analysis, which will be a fundamental instrument for my clinical and research practice, especially to predict epilepsy surgery outcome. Also, I had the opportunity to explore the clinical and EEG phenotype of many genetic Developmental and Epileptic Encephalopathies, expanding my knowledge as a young epileptologist and contributing to analyzing the profile of these genetic disorders.
Personal statement	The skills obtained in source analysis plus those in clinical/EEG characterization of DEEs will be frequently applied in my clinical and research practice. This fellowship will be of profit for both host and home institution. Indeed, I will bring to my home institution some advances in EEG source analysis techniques and at the same time my host institution will benefit from a new collaborator with whom to share future several research projects, with the main goal to develop novel highly specialized procedures for diagnosis together with proper instruments to better know the clinical profile of our patients with epilepsy.