BRACCO FELLOWSHIPS - EDUCATION IN RESEARCH

Project 11:

Deep learning in cardiovascular MRI and CT

NAME OF INSTITUTION: Universitätsmedizin Rostock, Department of Diagnostic and Interventional Radiology, Pediatric- and Neuroradiology, Rostock/GERMANY

RESEARCH GROUP AND ITS MISSION:
Cardiovascular and Interventional Radiology - the focus of our group is on advanced cardiovascular cross-sectional imaging (including cardiac CT and cardiac MRI) as well as interventional radiology. We are interested in both novel techniques and how imaging can be used to gain novel insights into cardiovascular disease and enable individualized treatment.

OBJECTIVES:
- The exact research project will be defined together with the applicant prior to his/her arrival in Rostock

APPLICANT'S DUTIES:
- Collecting and analysing imaging data and clinical data
- Generating figures and tables
- Participating in manuscript writing and editing

APPLICANT’S BENEFITS:
- Supervision of research project by group leader, weekly personal meetings
- The fellow will be encouraged to present his/her project(s) at national or international conferences
- The fellow will be author on publications from his/her research project(s)
- The fellow will also have the opportunity to observe clinical cardiovascular CT and MRI reading and discussion rounds and interventional procedures, if interested

Project Leader: Felix Meinel, MD, Associate Professor of Radiology, Section Chief, Cardiothoracic Imaging
Members: 2 consultant radiologists, 6 radiology residents, 1 medical physicist, 6 medical students