

BRACCO FELLOWSHIPS EDUCATION IN RESEARCH ENROLMENT FORM

Name of Institution ___Dept. of Neuroradiology University Medical Center

City and Country of Institution __Freiburg, Germany

RESEARCH GROUP

Brief description of the research group and of its mission:

Intracranial hypotension and hypertension study group (SIH+IIH): To improve the diagnostics and therapy with non-invasive imaging modalities & to understand its pathophysiology

TITLE OF PROPOSED RESEARCH PROJECT

Automated volumetry of the spinal subarachnoid space

OBJECTIVES

- **To determine normal ranges and differences between SIH and IIH patients**
- **To evaluate the spinal compliance with phase contrast MRI**
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APPLICANT'S DUTIES

- **MR and IT affinity**
- **Development of a web-based tool for automated classification**
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APPLICANT'S BENEFITS

- Participation on scientific outcomes of the project i.e. presentations to congresses or publications of papers
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- Project Leader: Prof. Dr. Horst Urbach
- Members: Dr. Niklas Lützen, Dr. Katharina Wolf, Dr. Elias Kellner, Dr. Marco Reisert