Announcement of post-doc scholarship at the Department of Clinical Sciences, division of Neurology, Laboratory of Stem Cells and Restorative Neurology

**Project name:** Reprogrammed human pluripotent stem cells for functional recovery after stroke

The research project aims to understand neurogenesis from pluripotent stem cell-derived neurons when grafted in stroke-damaged brain and formation of projections to host brain structures and establishment of synaptic connections. During the course of the project, postdoc will acquire knowledge about stem cells and their application for treatment of neurological disorders. He/she will have opportunity to learn new methods: surgery for the induction of the focal ischemic stroke in rodents, brain tissue preparation for immunocytochemical staining as well as advanced confocal and stereological microscopy. Postdoc will have full-scale scientific supervision and opportunity to attend all postdocs courses which will be crucial for further education, future career development and formation as modern scientist.

**Reference number:** V2017/ 1426

**Scholarship period:** The scholarship covers a period of 6 months with possibility of prolongation up to a maximum of 24 months in total.

**Preliminary start date:** 2017-11-01

**Supervisor/contact person:** Prof. Zaal Kokaia, +46705365917, zaal.kokaia@med.lu.se

**Qualifications:**
- To be eligible for a post-doc scholarship at Lund University the recipient must hold a PhD degree within a relevant field. The PhD degree must not be from Lund University. The PhD degree must not be older than three year. The applicant must not have been employed at Lund University in the past two years.
- The postdoc should have the work experience with neural and pluripotent stem cell culture system, and neurogenesis. The good knowledge in molecular and cell biology is instrumental for the success of the project.
Written application, including reference number, is to be sent via e-mail to the supervisor and must include the following:

- CV
- Personal letter stating the reasons why the study suits the applicant (maximum one page)
- List of publications
- References (2)

Application deadline: 2017-10-08

Information regarding scholarships at Lund University

- The scholarship sum is paid out quarterly
- A scholarship awarded will be reviewed every six months
- Scholarships are tax-exempt
- Scholarships do not give rise to sickness benefits, compensation from the Social Insurance Office or retirement pension.
- A scholarship holder cannot be hired after the scholarship period due to tax reasons.