**Submission Date**: 2016-09-16 04:16:30  
**Date of sending out the form**: 03-09-2016  
**Contact person/applicant**: G. Merki  
**Country**: CH  
**E-mail**: gabriele.merki@usz.ch  
**Title of the granted project**: Neuroprotective properties of desogestrel  
**Amount granted by the ESC (in euro)**: 10.000  
**Project number**: P-2014-B-02  
**Allocated mentor**: D. Archer  
**Date project actually started**: 01-07-2015  
**Date of completion**: 16-09-2016

**Please provide a report of your findings and data.**  
Male, female and ovariectomised mice showed lower size of experimental stroke and better sensory and motoric recovery after treatment with progesterone or desogestrel (compared to sesam oil).

**Clinical relevance and future perspectives:**

The Desogestrel-only contraceptive pill might be protective for women at increased risk for stroke like migraineurs. This is especially of interest, as today the scientific evidence for a positive effect of desogestrel on migraine is very high and most migraineurs therefore use this contraceptive. For PMP women with increased risk for cardiovascular events, it could be considered to use progesterone as treatment against hotflushes and sweating, as ERT would be associated with too high risks.

**Please provide a final detailed budget on how much you have spent. Was any money not spent? Receipts may be requested.**

ESC Budget was used for Salary of Postdoctoral Researcher for 4 months. Other funding was received for additional 8 months.

**How will your findings be presented?**

Presentation

**Presentation – note meeting organisation and date**

Zentrum für Neurowissenschaften Zürich, September 2016

**Add any other information you feel we should have**

We consider publication but will perform additional experiments not supported from ESC before

**Please let us know whether having a mentor has been helpful or not**

The assignment of a Mentor occurred after the project was completed

**Full Name**

Gabriele Merki
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