

**Measuring fear memory and the effect of the  
MMP-9 inhibitor doxycycline on fear memory  
consolidation**

*Or*

*Eternal Sunshine of the Fearless Mind*

---

Thesis (cumulative thesis)

presented to the Faculty of Arts and Social Sciences

of the University of Zurich

for the degree of Doctor of Philosophy

by

Jelena Mirjam Wehrli

Fall semester 2022

doctoral committee

Prof. Dr. Birgit Kleim (main supervisor)

Prof. Dr. Dominik Bach

Prof. Dr. Boris Quednow

Prof. Dr. Raffael Kalisch

Zurich, 2022