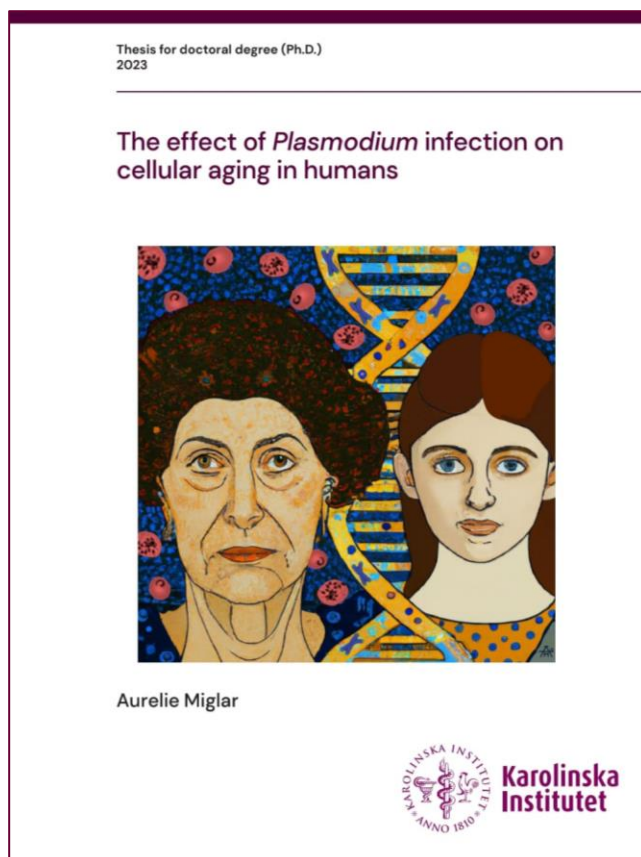


## Errata for the Doctoral Thesis

“The effect of *Plasmodium* infection on cellular aging in humans”

by Aurelie Miglar,

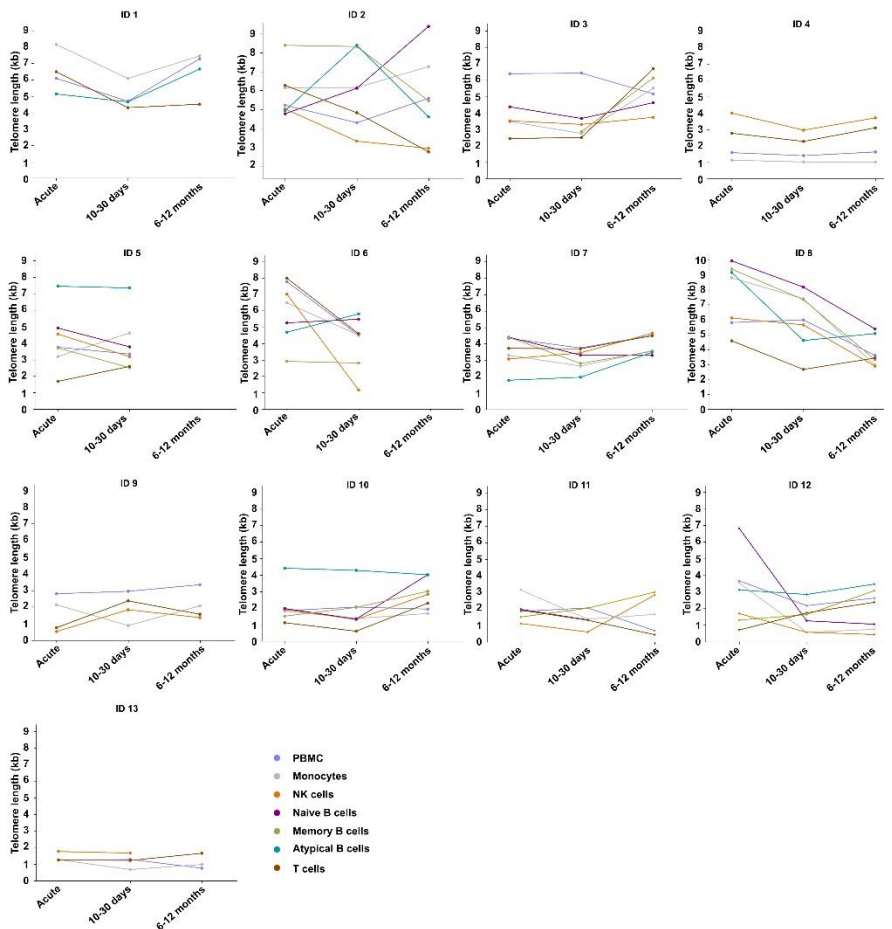
Department of Medicine, Solna, Karolinska Institutet



ISBN 978-91-8016-931-8

## Page 54, Figure 14

The figure included in the original thesis presents data for ID 12 twice (panel 11 and 12) and data for ID 11 is missing. The correct TL kinetics for study participant ID 11 and ID 12 are presented in the graph below.



## **Page 27 - 44**

The study presented in Chapter 3 has been published in Scientific Reports in year 2021 and individual contributions can be found in the publication.

Aurelie Miglar, Isaie J. Reuling, Xi Zen Yap, Anna Färnert, Robert W. Sauerwein and Muhammad Asghar. Biomarkers of cellular aging during a controlled human malaria infection. *Scientific Reports* 2021 Sep 21;11(1):18733. doi: 10.1038/s41598-021-97985-y. PMID: 34548530

## **Page 45 - 56**

The study presented in Chapter 4 is in manuscript form, with the tentative title and contributions stated below.

**Title** Telomere profiling across cell sub-populations during and after infection

### **Research Contribution**

Study design: Muhammad Asghar, Anna Färnert, Christopher Sundling

Study cohort: Anna Färnert

Laborative analyses: Aurelie Miglar, Christopher Sundling and Remi Michelin performed the FACS sorting of PBMCs. Aurelie Miglar and Aishwarya Bindu performed the molecular analyses of TL.

Data analyses: Aurelie Miglar, Christopher Sundling, Muhammad Asghar, David Grannas

Writing and data visualization: Aurelie Miglar. With input from Muhammad Asghar, Anna Färnert and Christopher Sundling who performed the revisions.

Corresponding author: Aurelie Miglar

Resources and funding: Muhammad Asghar for the TL measurement. Anna Färnert for the cohort.

## **Page 57 - 68**

The study presented in Chapter 5 is in manuscript form and the tentative title and contributions are stated below.

**Title** Repeated symptomatic and asymptomatic exposure to *Plasmodium falciparum* are not associated with telomere shortening in children under longitudinal surveillance for malaria in Kenya

### **Research Contributions**

Study design: Aurelie Miglar, Muhammad Asghar, Francis Ndungu, Anna Färnert, Philip Bejon

Study cohort and material: Francis Ndungu, Juliana Wambua, Jedida Mwacharo, Jennifer Musyoki, Oscar Kai, Thomas N. Williams, Philip Bejon

Laborative analyses: Aurelie Miglar performed the TL analyses. Alex Maccharia performed the haemoglobin genotyping.

Data analyses: Aurelie Miglar, Muhammad Asghar, David Amadi

Statistical analyses: Matteo Bottai, Linnea Widman, David Grannas

Writing and data visualization: Aurelie Miglar with input from Francis Ndungu.

Resources and funding: Muhammad Asghar for TL analyses. Collaborators in Kenya for the cohort.

## **Page 69 -77**

The study presented in Chapter 6 is work in process and the tentative title and contributions are stated below.

**Title** Telomere dynamics during symptomatic and asymptomatic infection in longitudinal followed residents in a malaria endemic area in Tanzania

### **Research Contributions**

Study design: Muhammad Asghar, Anna Färnert

Study cohort and material: Ingegerd Rooth, Salome Jesaja, Marita Johansson, Leah Mhoja, Anders Björkman, Billy Ngasala, Victor Yman, Anna Färnert

Laborative analyses: Aurelie Miglar, Manijeh Vafa-Homann, Sara Babiker, Muhammad Asghar

Data and statistical analyses: Aurelie Miglar, Muhammad Asghar, Matteo Bottai, David Grannas

Manuscript writing: Aurelie Miglar, Muhammad Asghar

Resources and funding: Muhammad Asghar, Anna Färnert