Novel biomarkers in the pathogenesis of placental malaria in sub-Saharan Africa

Owens, S.

Citation for published version (APA):
Owens, S. (2012). Novel biomarkers in the pathogenesis of placental malaria in sub-Saharan Africa Amsterdam: Rozenberg
ABBREVIATIONS

• β2GPI: β2 glycoprotein 1
• aCL: anticardiolipin
• AMA: apical membrane antigen
• aOR: adjusted odds ratio
• APC: antigen-presenting cells
• aPL: antiphospholipid antibodies
• aPS: antiphosphatidylserine
• BCG: Bacille Calmette-Guérin
• CBMC: cord blood mononuclear cell
• CCR5: C-C chemokine receptor type 5
• CD: cluster of differentiation
• CI: confidence intervals
• CIDR: cysteine-rich inter-domain regions
• CMR: cord:maternal ratio
• CR1: complement receptor type 1
• CSA: chondroitin sulphate A
• DANA: 2,3-didehydro-2-deoxy-N-acetyl neuraminic acid
• DAT: direct antibody test
• DBL: Duffy binding-like domain
• DC: dendritic cell
• DHEAS: dihydroepiandrosterone sulphate
• EBA: erythrocyte binding antigen
• EDD: estimated date of delivery
• ELISA: enzyme linked immunosorbent assay
• EPI: 16α-bromoepiandrosterone
• ERK: extracellular signal-regulated kinase
• FcRn: neonatal Fc receptor
• FGR: fetal growth restriction
• GalNAc: N-acetyl-galactosamine
• GluNAc: N-acetyl-glucosamine
• GMT: geometric mean titre
• GP: glycopherin
• HIV: human immunodeficiency virus
• HRP: horseradish peroxidase
• HS: heparin sulphate
• ICAM: intercellular adhesion molecule
• IE: infected erythrocytes
• IF: interferon
• Ig: immunoglobulin
• IL: interleukin
• ITN: insecticide treated bednet
• ITPp: intermittent preventative treatment in pregnancy
• IVS: intervillous spaces
• JNK: C-Jun N-terminal kinase
Novel biomarkers in the pathogenesis of placental malaria in sub-Saharan Africa

CONTENTS

Abbreviations

Chapter 1
General introduction

Chapter 2

Chapter 3

Chapter 4

Chapter 5

Chapter 6

Chapter 7

Chapter 8
General discussion
Summary
Samenvatting
Acknowledgements
Curriculum vitae