



Universiteit
Leiden
The Netherlands

Inflammation and immunomodulation in uveal melanoma

Ly, L.V.

Citation

Ly, L. V. (2011, April 12). *Inflammation and immunomodulation in uveal melanoma*. Retrieved from <https://hdl.handle.net/1887/16710>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/16710>

Note: To cite this publication please use the final published version (if applicable).

**INFLAMMATION AND IMMUNOMODULATION
IN UVEAL MELANOMA**

**INFLAMMATION AND IMMUNOMODULATION
IN UVEAL MELANOMA**

PROEFSCHRIFT

ter verkrijging van

de graad van Doctor aan de Univeristeit Leiden,

op gezag van Rector Magnificus prof. mr. P.F. van der Heijden,

volgens besluit van het College voor Promoties

te verdedigen op dinsdag 12 april 2011

klokke 16.15 uur

door

Long Van Ly

geboren te Dordrecht

in 1983

Promotiecommissie:

Promotor Prof. Dr. G.P.M. Luyten

Co-promotores Dr. M.J. Jager
Dr. T. van Hall

Leescommissie Prof. Dr. S.M. Imhof (UMC Utrecht, Utrecht)
Prof. Dr. R.E.M. Toes
Prof. K.C. McKenna, Ph.D. (University of
Pittsburgh, Pittsburgh, PA, USA)

© L.V. Ly, 2011

ISBN: 978-90-816924-1-0

Druk: GVO drukkers & vormgevers BV/Ponsen & Looijen, Ede.

Niets uit deze uitgave mag verveelvoudigd en/of openbaar gemaakt worden zonder voorafgaande schriftelijke toestemming van de auteur. No part of this thesis may be reproduced in any form without written permission from the author.

Het onderzoek van dit proefschrift is gefinancierd door de Mozaiekbears (017.003.059) van De Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), Landelijke Stichting voor Blinden en Slechtzienden, Stichting Blinden-Penning, Leiden Universiteits Fonds, Gratama Stichting, Rotterdamse Stichting Blindenbelangen, Nelly Reef Fund, Nederlandse Vereniging voor Oncologie, Stichting Blindenhulp, Stichting Dondersfonds en Stichting Nederlands Oogheelkundig Onderzoek.

Het onderzoek beschreven in dit proefschrift werd uitgevoerd in het Leids Universitair Medisch Centrum op de afdeling oogheelkunde in samenwerking met de afdeling klinische oncologie.

Education is the great engine to personal development. It is through education that the daughter of a peasant can become a doctor, that the son of a mine worker can become the head of the mine, that the child of farm workers can become the president of a great nation. It is what we make of what we have, not what we are given, that separates one person from another.

Nelson Mandela.

*To my father,
from whom I inherited pragmatical thinking.*

*To my mother,
from whom I acquired diligence.*

Contents

- Chapter 1.** Introduction
- Chapter 2.** Macrophages in uveal melanoma and in experimental ocular tumor models: Friends or foes?
Prog. Retin. Eye Res. 2011;30(2):129-46.
- Chapter 3.** Monosomy of chromosome 3 and an inflammatory phenotype occur together in uveal melanoma
Invest. Ophthalmol. Vis. Sci. 2008;49(2):505-10.
- Chapter 4.** Detection of M2 macrophages in uveal melanoma and relation with survival
Invest. Ophthalmol. Vis. Sci. 2011;52(2):643-50.
- Chapter 5.** Inflammatory cytokines in eyes with uveal melanoma and relation with macrophage infiltration
Invest. Ophthalmol. Vis. Sci. 2010;51(11):5445-51.
- Chapter 6.** Intravascular presence of tumor cells as prognostic parameter in uveal melanoma: a 35-year survey
Invest. Ophthalmol. Vis. Sci. 2010;51(2):658-65.
- Chapter 7.** In aged mice, outgrowth of intraocular melanoma depends on pro-angiogenic M2-type macrophages
J. Immunol. 2010;185(6):3481-8.
- Chapter 8.** Peptide vaccination after T cell transfer causes massive clonal expansion, tumor eradication and manageable cytokine storm
Cancer Res. 2010;70(21):8339-46.
- Chapter 9.** Peptide vaccination cooperates with tumor antigen-specific antibody for the treatment of established melanoma
Submitted article.
- Chapter 10.** Synopsis, discussion and future perspectives in English
- Chapter 11.** Synopsis, discussion and future perspectives in Dutch
- Acknowledgements (Dankwoord)
Curriculum Vitae and List of publications

