

Table of Contents

Introduction

- Chapter 1 Introduction, adapted from “The Dermis as a Portal for Dendritic Cell targeted Immunotherapy of Cutaneous Melanoma” and outline of this thesis **11**
Current Topics in Microbiology and Immunology, in press

Clinical observations in melanoma patients

- Chapter 2 Non-radical diagnostic biopsies do not negatively influence melanoma patient survival **37**
Ann Surg Oncol. 2007 Apr;14(4):1424-30
- Chapter 3 10-year follow-up results; clinical outcome of stage I/II melanoma patients **51**

Immunohistochemistry of primary tumors and SLN from stage I/II melanoma patients

- Chapter 4 Favorable outcome in clinically stage II melanoma patients is associated with the presence of activated tumor infiltrating T-lymphocytes and preserved MHC class I antigen expression **69**
Int J Cancer 2008 Aug 1;123(3):609-15
- Chapter 5 Absence of Granzyme B positive tumor-infiltrating lymphocytes in primary melanoma excisional biopsies is strongly associated with the presence of sentinel lymph node metastasis **83**
Cell Oncol. 2009;31(5):407-13

Priming of the SLN of melanoma patients with GM-CSF and/or PF-3512676 CpG-B

- Chapter 6 Local administration of PF-3512676 CpG-B instigates tumor-specific CD8⁺ T-cell reactivity in melanoma patients **97**
Clin Cancer Res. 2008 Jul 15;14(14): 4532-42
- Chapter 7 Activation and recruitment of BDCA3/CD141⁺ Dendritic Cell subsets to the Sentinel Lymph Node by delivery of CpG-B and GM-CSF at the melanoma excision site **117**
- Chapter 8 Effects of the method of T cell expansion for primed SLN cells from melanoma patients on the quantity and quality of the CD8⁺ cytotoxic T cell fraction **137**
Clin Immunol. 2010 Nov;137(2):221-33.

- Chapter 9 Summarizing Discussion and Future Prospectives **157**
Dutch summary **171**

- Chapter 10 Curriculum vitae **183**
List of publications **184**
Dankwoord **185**

- Chapter 11 Color figures **187**