Revertant cell therapy for epidermolysis bullosa
Gostynski, Antoni

IMPORTANT NOTE: You are advised to consult the publisher’s version (publisher’s PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher’s PDF, also known as Version of record

Publication date:
2014

Link to publication in University of Groningen/UMCG research database

Citation for published version (APA):
APPENDICES

Acknowledgements
List of publications
Curriculum Vitae
ACKNOWLEDGEMENTS

My journey from Warsaw to Groningen started when, as a 4th year medical student, I moved to the Netherlands to work on an exciting project, which turned into this PhD. These years have been challenging, interesting, rewarding and wonderful. I achieved many personal goals, including completing this book, and many people helped me get to where I am now. I would like to take this opportunity to mention them here.

First I would like to thank my promotor Prof. dr. Marcel Jonkman and co-promotor Dr. Marjon Pasmooij.

Marcel, thank you for your courage to appoint a young medical student from Poland. Without your inspiration, time and expertise, this book would never have been written. Thanks to you, the researcher inside me had a chance to develop. Thank you for your enthusiasm, stimulating discussions and your guidance. You introduced me to the world of dermatology and EB and gave me a lot of freedom. I very much look forward to taking on the next challenge together.

Marjon, even before you became my official co-promotor you were always there, asking if things are going well and if you could help. During all these years, your input and comments were always helpful and stimulating. Your thoroughness in checking my manuscripts and presentations will have my admiration for years. Aside from work, I very much enjoyed all our discussions over drinks at the many conferences and meetings!

Dear members of the reading committee, Prof. dr. D.R. Roop, Prof. dr. J. Schalkwijk and Prof. dr. P.M.N. Werker, thank you for the time invested in reading and reviewing my thesis. Your critical comments made this book better.

International collaboration was very important for chapters 3, 5 and 6 of this thesis and for the development of new techniques that are currently being used to push revertant cell therapy forward. This could not have been done without the following people:

Prof. Del Rio and Dr. Larcher, Marcela and Fernando, thank you for your invitations to Madrid and co-operation that resulted in 2 publications in this book. My gratitude also goes to Marta Garcia, Mariajo Escamez and the rest of CIEMAT lab for the work done together. I hope that this is not the end of our collaboration.
Dr. Meana, Alvaro, thank you for your hospitality in Oviedo. Thanks to you, I not only learned a lot about the production of skin grafts but also how beautiful the north of Spain is. Sara Llames and Eva Garcia, thank you for your involvement in the projects. It is always a pleasure to visit Oviedo and your laboratory.

Prof. Dennis Roop I would like to thank you for making my stay in Denver possible and Anya Bi-lousova together with Igor Kogut for making it a very fruitful few weeks. The techniques, which I learned during my time in Colorado, are already bringing results.

I would like to express my gratitude for our EB patients, their families and the EB patient organizations, especially Vlinderkind and DEBRA Nederland for their involvement and support of my research.

The whole international EB community had an important influence on my work through all the stimulating congresses.

Dr. Pas - my introduction to the laboratory techniques would not be possible without you, Hendri. Your daily supervision meant a lot, especially in the first years of my work in Groningen. Your ability to ask the right question often made me look at the problem from the different angle.

Miranda, thank you for your time invested in teaching me cell culture and not forcing me to read all the SOPs. Especially at the beginning, you definitely helped me understand the Dutch culture better.

I am very grateful to the whole Dermatology lab for your input in this work and excellent technical assistance. Janny and Gonnie, you helped me a lot with immunofluorescence and preparation of slides. Guus, Duco and Laura, your help with many different techniques was also crucial.

José Duipmans, for your commitment to the cause and for being such a great person to work with.

Gilles Diercks, for always sharing your expertise in dermatopathology. Thank you for your input in Chapter 5!
The PhD students I worked with: my roommates, Gerda and Mira and then Angelique and Laura, I thank you for a great time together and for accepting the chaos on my desk; the EB team, Marieke, Wing-Yan, Peter, Jeroen, Kasia, Iana for sharing a passion; and the rest of the skin researchers, Ena, Joost, Ineke, Janine, Laura, Wianda, Tanja, - I learned a lot from you all and enjoyed time spent together.

The dermatologists from the dermatology department in the UMCG; I would like to thank you all for your supervision during residency, as I am able to learn a lot from each one of you. I would especially like to thank Dr. Horvath and Dr. Schuttelaar for allowing me to combine research with clinics in the last few months and hopefully in the future.

All the dermatology residents, present and past, I would like to thank for your help, support and friendship.

Co-workers of the Department of Dermatology I am grateful for support, help with my experiments, work and studies.

I very much appreciate that dermatologists in the MCL, Leeuwarden understood that during the past half year of my residency there, my mind was sometimes focused on this thesis and not on our daily practice.

My paranimfs, Jeroen and Joost, thank you for standing next to me during my defense and helping with the preparations. Let the march of the penguins begin!

Maarten and Joost, thank you for the hours spent on my Dutch summary.

Martijn Wolf, for the layout of this book and your last minute help.

Friends. You all know who you are. It is a pleasure to have such a great friends, as you are. You helped me feel at home in Groningen, stayed in touch from all parts of the world and were there for me, when I needed you the most. Thank you!

Family. You gave me a lot of support and time but what is most important, is that you were always interested in my work. Thank you for that. My parents in-law I have to especially thank for sending my lovely wife to study in Warsaw, so we could meet. My grandmother I am very much grateful to you for cheering me on throughout this project.
My mom, thank you for always being there, your support and colorful discussions; without you I would not be here. You are the best mom a son could ask for.

Kasia, thank you for sharing your life with me, for all the moments together, in the past and in the future. You are the love of my life.

Wiktoria, you have changed my life for the better in so many ways.

I am the luckiest man with both of you in my life.

Antoni
**LIST OF PUBLICATIONS**

Adhesive stripping to remove epidermis in junctional epidermolysis bullosa for revertant cell therapy.

Gostynski A, Deviaene FC, Pasmooij AM, Pas HH, Jonkman MF.

Revertante celtherapie.
Gostynski A, Pasmooij AM, Jonkman MF
Ned Tijdschr Dermatol Venerol 2013;23(8) 480-483

Successful therapeutic transplantation of revertant skin in epidermolysis bullosa.
Gostynski A, Pasmooij AM, Jonkman MF.

Long-term survival of type XVII collagen revertant cells in an animal model of revertant cell therapy.
J Invest Dermatol. 2014 Feb;134(2):571-4

Pigmentation and melanocyte supply to the epidermis depend on type XVII collagen.
Gostynski A, Pasmooij AM, Del Rio M, Diercks GF, Pas HH, Jonkman MF.

Induced pluripotent stem cells from human revertant keratinocytes for the treatment of epidermolysis bullosa.
Sci Transl Med 2014, accepted for publication.
CURRICULUM VITAE

Antoni Henryk Gostynski was born on June 5th, 1984 in Lublin, Poland. He was raised in Warsaw, Poland, where he completed Czacki high school, graduating in a mathematic-physics profiled class. Directly after high school he was accepted to study medicine at the I Medical Faculty of the Medical University of Warsaw.

Four years into his studies, he undertook a challenging PhD project on revertant cell therapy for epidermolysis bullosa under the supervision of Prof. dr. Marcel F. Jonkman and Dr. Marjon Pasmooij at the University of Groningen, the Netherlands. Within the first two years of the project, next to research, he learned the Dutch language and was accepted to complete his medical degree at the University of Groningen. After obtaining his medical degree in January 2012, he continued to work on experiments contributing to this thesis. The work done by Antoni, finalized and ongoing, consisted of many fruitful collaborations with researchers in the Netherlands, Spain, Poland and the USA.

In April 2013 Antoni began his residency in dermatology and venereology at the University Medical Center Groningen. He continues to divide his time between clinical training, research and his family. At the end of 2014 this thesis was finalized. Antoni aims to complete his residency in 2018. During this time he hopes to stay involved in research on EB.

Currently Antoni lives in Groningen with his wife Kasia and daughter Wiktoria.