



Universiteit  
Leiden  
The Netherlands

## Pharmacogenetics of antiemetics in Indonesian cancer patients

Perwitasari, D.A.

### Citation

Perwitasari, D. A. (2012, January 11). *Pharmacogenetics of antiemetics in Indonesian cancer patients*. Retrieved from <https://hdl.handle.net/1887/18326>

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/1887/18326>

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



*About the author*

## **CURRICULUM VITAE**

Dyah Aryani Perwitasari was born on 30 April 1976, in Semarang, Indonesia. Now, she lives with her husband and two children in Yogyakarta, Indonesia. She got her bachelor degree in 1998 and Pharmacist degree in 1999 from the Pharmacy Faculty of Gadjah Mada University, Yogyakarta. She finished her master degree from 2001 to 2003 as Magister of Clinical Pharmacy at the Gadjah Mada University. In 2006, she decided to continue her degree in Medicine at the Faculty of Medicine, Gadjah Mada University. She graduated cum laude on 14th October 2011.

The opportunity to take her PhD degree in Leiden University Medical Center (LUMC), Leiden, The Netherlands, with Prof. Dr. H.-J. Guchelaar (Head Department of Clinical Pharmacy and Toxicology) and Prof. Dr. J.W.R. Nortier (Head Department of Clinical Oncology) as the promotors was kindly supported by the Netherlands Organization for International Cooperation in Higher Education (Nuffic).

In the past, Dyah has worked in a Pharmacy of a suburb area for 5 years. Now, she is working as a Lecturer at the Pharmacy Faculty of Ahmad Dahlan University, Yogyakarta, Indonesia, and also as a drug consultant in the Drug Information Center of Ahmad Dahlan University, Yogyakarta.

## LIST OF PUBLICATIONS

Perwitasari DA, Gelderblom H, Atthobari J et al. Antiemetic drugs in oncology: pharmacology and individualization by pharmacogenetics. *Int J Clin Pharm* 2011; 33(1):33-43.

Perwitasari DA, Atthobari J, Dwiprahasto I et al. Translation and validation of EORTC QLQ-C30 into Indonesian version for cancer patients in Indonesia. *Jpn J Clin Oncol* 2011; 41(4):519-529.

Perwitasari DA, Atthobari J, Mustofa et al. Impact of chemotherapy induced nausea and vomiting on quality of life in Indonesian patients with gynecological cancer. *Int J Gynecol Cancer* 2011. doi: 10.1097/IGC.0b013e318234f9ee

Perwitasari DA, Wessels JAM, van der Straaten RJHM et al. Association of *ABCB1*, *5-HT3B* receptor and *CYP2D6* genetic polymorphisms with ondansetron and metoclopramide antiemetic response in Indonesian cancer patients treated with highly emetogenic chemotherapy. *Jpn J Clin Oncol* 2011. doi:10.1093/jjco/hyr117

Perwitasari DA, van der Straaten RJHM, Mustofa et al. Differences in 5-Hydroxytryptamine-3B haplotype frequencies between Asians and Caucasians. *Int J Biol Markers*, in press.



The background of the page is a complex, monochromatic pattern. At the top and bottom, there are decorative borders featuring repeating floral and geometric motifs. The central area is filled with a dense, repeating pattern of small, interconnected shapes, creating a textured, lace-like appearance. The overall color scheme is a range of greys and whites.

# *Acknowledgements*

This thesis could not have been written without the assistance of many people who have contributed in various ways.

First and foremost, I would like to express my gratitude to God, Whose presence I have felt throughout my studies.

For all of my patients, many thanks for your contributions and your time. I wish you all the best and wish you strength and good progress during your disease.

Henk-Jan, thank you for your supervision and for presenting me with the opportunity to work on this study both in the Netherlands and in Indonesia. I have learned many new things from you. Thank you also for your kind introduction to your family, which offered me a chance to get acquainted with Dutch family life. Hans Nortier, thank you for offering me the opportunity to finish my PhD at Leiden University Medical Center; without your help, the Nuffic grant would not have been obtained.

Ad Kaptein, thank you very much for offering me moral support during all aspects of my work. Your enthusiasm and critical appraisal of my work have been very valuable to me. Hans Gelderblom, thank you for your support and the many contributions to the contents of this thesis.

M. Hakimi, Iwan Dwiprahasto, Mustofa, thanks to you all for your guidance during my work in Indonesia; without your assistance I could not have finished this thesis. Jarir At Thobari, thank you for providing all the valuable information on culture, education and lifestyle in the Netherlands, and for telling me about your own experiences with studying abroad. Judith and Tahar, thank you for giving me the opportunity to work in your laboratories and for providing me with the practical information about pharmacogenetics. Renee and Marco, thank you for assisting me during my practical laboratory tasks and helping me with analyzing the samples.

Marion and Mieke, thank you for the practical secretarial support during my stay in Leiden and also during the final stages of my study.

Sylvia “pipie” Pratiwi, Tri Rini “nuning” Nuringtyas, “diajeng” Dinar Sari Cahyaningrum, the Ph.D. students studying at the Biology Institute, Leiden University: thank you for being the best friends possible. “Kakang Prabu” Hilman Latief, “Pakdhe” Kusmana, “Uda” Yasrul Huda, “Cak” Amiq, Ph.D. fellows following the programme “Training Young Indonesia’s Leaders” at Leiden University: thank you for making my life even more colorful. “Mas” Bondan Yosi, “dr” Herdy Munayang, thank you for all your support. Woro Supadmi, Akrom, Andriana Sari, Ratri, Adnan, Lolita, my best friends, who attended all of the lectures in Problem Based Learning together with me; thank you for taking over some of my work,

which greatly helped me and offered me the opportunity to focus on my studies: you will be next.

Susan Nortier and Floor Smith, thank you for sharing some lovely experiences with me, both in Yogyakarta and Amsterdam. Nielka, my Dutch “paranimf”, and Din Wahid, my best colleague and Indonesian “paranimf”, thank you very much for your willingness to help me in this official function.

To my beloved big family, and to my father and mother, thank you all for your moral support.

Finally, to my beloved husband, Nurudin Araniri, and my beloved children, Melodia Rezhadhini and Ridlo Ifran Addiasar, thank you for your patience while waiting for me to finish my studies.



