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## Cardiometabolic risk factors and venous thrombosis

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## CURRICULUM VITAE

Vânia Maris Morelli was born on March 1, 1969, in São Paulo, Brazil. She started in the Brazilian private education system in 1975. In 1986, she graduated from high school at Colégio Civitatis in São Paulo. In 1987, Vânia commenced her medical studies at Faculdade de Medicina da Fundação do ABC, and graduated in 1992. From 1993 to 1996, she attended the Medical Residency Programme in Internal Medicine and in Hematology at Universidade Federal de São Paulo. Vânia's interest in the field of epidemiology of venous thrombosis started during her PhD in Brazil at Universidade Federal de São Paulo. The PhD was finished in 2000, under the supervision of Dr. D.M. Lourenço, with the thesis entitled "Evaluation of inherited thrombophilia and hyperhomocysteinemia in patients with venous thrombosis". In order to have a deeper contact with research on venous thrombosis, Vânia performed an internship from 2002 to 2003 (sponsored by FAPESP, Brazil) at the Department of Thrombosis and Hemostasis of the Leiden University Medical Center (LUMC), the Netherlands, under the supervision of Prof. dr. R.M. Bertina. During the profitable period of this internship, Vânia also had the opportunity to meet Prof. dr. F.R. Rosendaal from the Department of Clinical Epidemiology of the LUMC, and the privilege to discuss with him the results of the research project. After returning to Brazil, even though Vânia had to dedicate most of her career working as a clinical hematologist, her interest in research on venous thrombosis persisted over the years. Because of her growing interest in studying the epidemiology of venous thrombosis, she decided to do a career change in 2014, and be focused on research only. To accomplish this goal, she started a second internship at the LUMC in 2014, now at the Department of Clinical Epidemiology, which became the starting point for this thesis. During the internship, she had the opportunity to start on the PhD Programme of the Department of Clinical Epidemiology (2014) under the supervision of Prof. dr. S.C. Cannegieter, Prof. dr. F.R. Rosendaal, and Dr. W.M. Lijfering. She spent the following years studying topics related to cardiometabolic risk factors, blood coagulation and risk of venous thrombosis, which are now described in this thesis. In addition, she took courses in Clinical Epidemiology, and presented her work at international conferences. Since July 2017, she has been working as a researcher at the K.G. Jebsen Thrombosis Research and Expertise Center (TREC), University of Tromsø, Norway. Vânia's main career goal is to continue being focused on research in the field of epidemiology of venous thrombosis.



## LIST OF PUBLICATIONS

**Morelli VM**, De Visser MC, Vos HL, Bertina RM, Rosendaal FR. ABO blood group genotypes and the risk of venous thrombosis: effect of factor V Leiden. *J Thromb Haemost* 2005; 3:183-5.

**Morelli VM**, de Visser MC, van Tilburg NH, Vos HL, Eikenboom JC, Rosendaal FR, Bertina RM. ABO blood group genotypes, plasma von Willebrand factor levels and loading of von Willebrand factor with A and B antigens. *Thromb Haemost* 2007; 97: 534-41.

**Morelli VM**, Lijfering WM, Rosendaal FR, Cannegieter SC. Lipid levels and risk of recurrent venous thrombosis: results from the MEGA follow-up study. *J Thromb Haemost* 2017; 15: 695-701.

**Morelli VM**, Lijfering WM, Bos MHA, Rosendaal FR, Cannegieter SC. Lipid levels and risk of venous thrombosis: results from the MEGA-study. *Eur J Epidemiol* 2017; 32: 669-81.

**Morelli VM**, Lijfering WM, Rezende SM, van Hylckama Vlieg A, Rosendaal FR, Cannegieter SC. Role of routine laboratory tests in assessing risk of recurrent venous thrombosis: results from the MEGA follow-up study. *To be submitted*

**Morelli VM**, Li-Gao R, Lijfering WM, Rosendaal FR, Cannegieter SC, van Hylckama Vlieg A. Interrelation between levels of hemostatic factors, lipids and c-reactive protein in population controls. *To be submitted*

**Morelli VM**, de Mutsert R, de Roos A, Lamb HJ, van Hylckama Vlieg A, Bos MHA, Rosendaal FR, Lijfering WM, Cannegieter SC. Association between hepatic triglyceride content and coagulation factor levels: The Netherlands Epidemiology of Obesity Study. *To be submitted*

Li-Gao R, **Morelli VM**, Lijfering WM, Cannegieter SC, Rosendaal FR, van Hylckama Vlieg A. The role of fasting glucose levels and self-reported diabetes in the risk of a first event of venous thrombosis: the MEGA case-control study. *To be submitted*

