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Genetic variants contribute to differences in response and toxicity to drugs used in autoimmune diseases: Rheumatoid arthritis and systemic lupus erythematosus

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LIST OF PUBLICATIONS

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CURRICULUM VITAE

Cristina Lucía Dávila Fajardo was born in Granada, Spain on August 7th 1977. After finishing her secondary school at Regina Mundi College in Granada in 1995, she started her Pharmacy study at Granada University. In 2000 she obtained her pharmacy Degree and then she moved to Madrid for doing her thesis in Centro de Investigaciones Biológicas (CIB-CSIC) after getting a national grant from Spanish Ministry of Science and Technology. The defense of her thesis was completed in 9th February 2006. This Thesis was related to the molecular basis of antibiotic resistance plasmid and structure of proteins. In May 2016 she went to Imperial College of London for doing a short internship related to resolution protein structure by X-ray crystallography. In January 2007 she did the national exam for specialized medical training and in May 2007 she started her residency at the Clinical Pharmacy department from San Cecilio University hospital, Granada and it was completed in May 2011. During the 3rd and 4th years, she did an internship at the Clinical Pharmacy and Toxicology Department from Leiden University Medical Center, The Netherlands and she started working on the studies presented in this PhD thesis. After her residency, she received a grant from the Institute of Health Carlos III, the main Public Research Entity funding, dedicated to managing and carrying out biomedical research in Spain, and she could continue with the project of this thesis. Actually, Cristina lives in Granada and works as a clinical pharmacist and researcher in the field of pharmacogenetics at San Cecilio University Hospital at Granada.

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In 2007 I started my residence in the Pharmacy department at San Cecilio University Hospital. I always thought that something could be done for improving health outcomes through research. Then Pharmacogenetics field was presented as a very relevant proposal for a clinical pharmacist as it promised to bring the patient closer to personalized medicine. In that search I found Prof. Henk-Jan Guchelaar who had done numerous studies in this area with very good results. I decided to write him to request a stay in his Pharmacy and Toxicology department at the LUMC and what was my surprise when I received a kind response accepting me as a rotating resident. For me, Prof. Henk-Jan Guchelaar has been a very important person in my professional career. Not only because of the knowledge that I have learned over the years thanks to him, but also because of the great person who is: very enthusiastic, concerned about his teammates and also knows how to achieve the expected results due to the great communication capacity he has. Thanks to him, and to all the companions of the LUMC Pharmacy service, this thesis, which in principle was not intended, has finally been able to defended. Among those colleagues I would like to highlight Jesse for all the help he has always given me with articles, designs, revisions, results... and René and Tahar for helping me in the laboratory with samples and devices. In recent years I have also been fortunate to be able to work with Cathelijne that has shown me the hardworking person and good companion she is. I would like to thank Wendy for all the help with the administrative part of the thesis. I would also like to thank Renate for all the help provided for the editing of the thesis that for me has been essential to defend it. And in general, thanks to all the people that I have been able to meet in the LUMC Pharmacy department.

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