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Activity-based protein profiling of diacylglycerol lipases

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Curriculum Vitae

Marc Pieter Baggelaar was born on December 29th 1984 in Harlingen, the Netherlands. He obtained his higher general secondary education diploma (Havo) at the CSG Anna Maria van Schuurman in Franeker in 2002 and his pre-university education diploma (VWO) at the RSG Simon Vestdijk in Harlingen in 2004.

He subsequently started a Bachelor Physics and Spatial Planning & Design before starting his Bachelor Chemistry, followed by a Master Organic Chemistry. He obtained his Bachelor and Master's degree in Organic Chemistry in 2011 and 2012, respectively.

As part of the Master's program he performed a research internship in the Bio-organic chemistry group at Groningen University under the supervision of prof. dr. A. J. Minnaard. The aim of the research was the development of a catalytic asymmetric synthesis of the macrolactone (S)-(-)-Zearalenone using asymmetric allylic alkylation for the introduction of the stereocenter. He was awarded the "Unilever research prize 2012" for his master thesis entitled "Catalytic asymmetric total synthesis of (S)-(-)-Zearalenone, a novel lipooxygenase inhibitor". In addition, he has performed a research internship in the Bio-organic synthesis group at Leiden University under the supervision of prof. dr. H. S. Overkleef and prof. dr. G. A. van der Marel. The aim of this internship was the total synthesis of a triglycoside that is part of a glycolipid which was isolated from the cell wall of *Mycobacterium tuberculosis*.

In July 2012 he started his doctoral studies at Leiden University in the Bio-organic synthesis group. This research was conducted under the supervision of prof. dr. H. S. Overkleef and dr. M. van der Stelt. During the final two years of his doctoral studies he transferred to the new department of Molecular Physiology led by dr. M. van der Stelt. Part of the research described in this thesis was performed at the department of chemical physiology at the Scripps research institute in La Jolla (USA) under the supervision of prof. dr. B. F. Cravatt (May-July 2014).

Posters on parts of the Ph.D. research were presented at various national and international conferences (2012-2016). Oral presentations were given at the NWO conference Molecules: Synthesis and Properties (the Netherlands, 2013), European Workshop on Cannabinoid Research (Italy, 2015), CHAINS (the Netherlands, 2015) and the 26th Annual International Cannabinoid Research Society Symposium on the Cannabinoids (Poland, 2016).

In August 2017 he will start his postdoctoral research as a Marie Curie fellow in the group of prof. dr. E. Tate at Imperial College London (United Kingdom).