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CURRICULUM VITAE

Katherine Anna Celler was born on the 30th of July, 1985, in Vancouver, Canada. In 2002, she graduated from St. Thomas Aquinas High School in North Vancouver. Between 2002-2007 she studied at the University of British Columbia (UBC) in Vancouver, obtaining a Bachelor of Applied Sciences (BASc) in Chemical and Biological Engineering. During her studies she completed three internships, fulfilling the requirements for the UBC co-operative education option. These internships involved operation of several pilot-scale bioleaching extraction columns at Outokumpu Research Oy, in Pori, Finland; testing of anti-stiction coatings for acceleration Micro-Electro Mechanical Systems or MEMS at Robert BOSCH GmbH in Stuttgart, Germany; and quantifying metal extraction and circuit stage efficiency at the smelter operations of Teck Cominco Metals Ltd. in Trail, Canada. In 2009 she obtained her MSc in Chemical Engineering from the Delft University of Technology. Her MSc project, completed under the supervision of Dr. Cristian Picioreanu of the Environmental Biotechnology group, involved modeling the formation of microbial streamers in river biofilms. In the fall of 2009 she started as a PhD student at Leiden University, working in the Molecular Biotechnology group under the supervision of Prof. Dr. Gilles van Wezel. The work done as a PhD student is presented in this thesis.

LIST OF PUBLICATIONS

- Celler, K.**, van Wezel, G.P., Willemse, J. (2013) Single particle tracking of dynamically localizing TatA complexes in *Streptomyces coelicolor*. *Biochemical and Biophysical Research Communications*. Aug; 438(1):38-42.
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