

MS Pro Experience Report from Tobias Wohland

MS Pro: 08-10/2012

Doktorand: Prof. Kovacs



During the second semester of my master in nutritional sciences at the Martin-Luther-University in Halle (Saale) I got attention to the announcement of the MS-Pro-internship by the IFB AdiposityDiseases Leipzig. Because of my interest in basic research, my so far lab experience and the concatenation of different topics within the IFB I decided to apply for the internship. Some weeks later I was accepted and started in August 2012 with my work at the group of Dr. rer. nat. Yvonne Böttcher. During the following 8 weeks I was involved in lab methods like genotyping or for example DNA-extraction from human visceral and subcutaneous adipose tissue. Furthermore I learned a lot about the general workflow in a lab and got also practical experience with some common statistical methods. In addition to the practical work the internship also included a theoretical part considering a broad spectrum of topics which was really interesting. While my study was going on I decided to stay at the IFB and started as a research assistant within the group of Dr. Böttcher. Because of a gained experience in the field of genetics and my personal and scientific interests in all aspects of obesity I started my master thesis entitled “Analysis of mRNA-expression profiles of GRB14 in human subcutaneous and visceral adipose tissue” in April 2013. For this I switched to the group “Genetics of Obesity and Diabetes” headed by Prof. Dr. rer. nat. Peter Kovacs. I finished my study in September 2013. Being a scientist was a personal goal since I started my master in 2011. After obtaining the master degree I got the chance to start my career at the IFB as a PhD-student in Prof. Kovacs group. Since October 2013 I am working on my PhD project entitled “Cell-specific transcriptome in the hypothalamus of diet-induced obese mice”. Beside that I am involved in several other projects, trying to extend my knowledge in science in general.

To stay at the IFB was not only a scientific decision but also a personal. Because of Prof. Kovacs and all my colleagues I really like to go to work every day. Furthermore the offered qualifications of the IFB itself but also from connected departments of the University of Leipzig are perfect to gain knowledge in different aspects. Recently I had the chance to participate the course “Programming for Evolutionary Biology” which was a very good experience. To conclude I would definitely recommend the IFB AdiposityDiseases to especially young or new scientists.