

# Doctorate transcript

for

## Max Mustermann

### Title of doctoral research project

„Untersuchung zum Balzverhalten  
des vogonischen Babelfischs (*Babelichtyes vogonis*)“

[‘Study on the mating behavior  
of the vogon Babel fish (*Babelichtyes vogonis*)’]

### Main Supervisor

Univ.-Prof. Dr. Dr. Margarete Musterfrau  
Institut für molekulare Muster  
Heinrich-Heine-Universität Düsseldorf

### Second Supervisor

PD. Dr. Markus Musterkind  
Institut für Musteranalysen  
Heinrich-Heine-Universität Düsseldorf



The following is a list of Max Mustermann's scientific achievements and the training programs in which he successfully participated, as verified by his main supervisor and iGRAD:

#### Fellowships/Scholarships in structured doctoral programs and/or research networks

Member of iGRAD: 06/2010-09/2014

#### Publications

- Meier K, **Mustermann M**, Peters X, Mueller P (2014): Changes in the mating behavior of the vogon Babel fish (*Babelichtyes vogonis*) in times of internet-based translation services. *J Extr Terr Life* 4(2): 314-342.
- Mustermann M**, Meier K, Schmidt S, Mueller P (2012): Environmental factors influencing the mating behavior of the vogon Babel fish (*Babelichtyes vogonis*). *J Extr Terr Life* 4(2): 314-342.
- Mustermann M**, Peters X, Mueller P (2011): A genome sequence-based approach to taxonomy of the genus *Babelichtyes*. *J Gen Spec Anal* 8(4): 42-50.

#### Conferences and conference presentations

- 8<sup>th</sup> World Meeting on Reproduction Sciences of Translational Species, Istanbul, Turkey, 03/2013 – Oral presentation: 'A genome sequence-based approach to taxonomy of the genus *Babelichtyes*'
- BFRF Annual Meeting and Exposition, Washington DC, USA, 10/2012 – Poster presentation: 'Comparison of different environmental factors influencing the mating behavior of the vogon Babel fish (*Babelichtyes vogonis*)'
- 5<sup>th</sup> BFRF-E Symposium, Helsinki, Finland, 09/2012 – Oral presentation: 'Environmental factors influencing the mating behavior of the vogon Babel fish (*Babelichtyes vogonis*)'
- 3<sup>rd</sup> Conference of the European Vogonic Reproduction Initiative, Strasbourg, France, 07/2011 – Poster presentation: 'Babel fish – Quo vadis?'

#### Scientific courses, seminars and other presentations, research visits

Half-yearly progress presentation at the joint meeting with collaboration partners from industry (VogonTech, Hamburg, Germany)

Yearly progress reports at the research group's seminar

Participation in following workshops:

- „Genom Analysen für extraterrestrische Lebensformen“ [‘Genome Analyses of Extraterrestrial Life-forms’], Deutsche Gesellschaft für Vogonen-Forschung, Bielefeld, Germany, 08/2012 (16 hours)
- ‘Basics of vogon genome analysis’, GenomeTech, New York, USA, 07/2011 (4 weeks)

#### Prizes and Honors

Max Mustermann was awarded a Student Travel Stipend by the BFRF for his attendance to the BFRF Annual Meeting and Exposition, Washington DC, USA, 10/2012

#### Additional courses in transferable skills

Workshop ‘Oral and Written Examinations in vogonic teaching situations’, part of the program ‘Professional teaching competencies for university level teaching’ (16 contact hours), Düsseldorf, Germany, 09/2013

#### Participation in teaching at university level

- Supervision of a MSc student during MSc thesis in biology (6 months)
- Supervision of exercise course within module “Extraterrestrial reproduction” (2010-2013)
- Development of examination questions for the module “Extraterrestrial reproduction” (2010-2013)
- Supervision of lab research course within the module “Biology of Translational Species” (2011-2013)

#### Responsibilities and other achievements

- Administration of project related funding
- Settling in of two new research group members (doctoral and post-doctoral fellows) including initial training in vogonic translation and genome analysis



The Interdisciplinary Graduate and Research Academy Düsseldorf (iGRAD) is an umbrella institution set up by the Faculty of Mathematics and Natural Sciences at Heinrich Heine University Düsseldorf (HHU), Germany. iGRAD has three central aims: To actively enhance the quality and diversity of doctoral research, to encourage interdisciplinary collaborations and

to equip doctoral researchers with all the skills necessary to enable them to serve as future executives both within and beyond disciplinary boundaries and national frontiers. In top-priority research areas of the HHU iGRAD offers the benefits of an umbrella institution, supports and coordinates the individual qualification programs to its affiliated structured doctoral and research programs. In addition, supplemental training programs in essentially career-relevant and transferable skills are offered to all doctoral researchers of the faculty.

#### iGRAD basic curriculum in transferable skills

In addition to his doctoral research, Max Mustermann successfully completed the iGRAD basic curriculum in transferable skills by participating in the following workshops/courses:

<b>Title</b>	<b>Introduction to Good Scientific Practice</b>
<b>Date and workload</b>	December 10, 2011; 6 work units (45 minutes each)
<b>Trainer</b>	<i>Dr. Christian Dumpitak</i> , Trainer for University Teaching, iGRAD, HHU
<b>Title</b>	<b>Fundamentals of Project Management for Doctoral Researchers</b>
<b>Date and workload</b>	March 01/02, 2014; 16 work units (45 minutes each)
<b>Trainer</b>	<i>Andrew Porteous</i> , Institut für Internationale Kommunikation e.V.
<b>Title</b>	<b>Presenting Science 1 – comprehensive, competent and convincing</b>
<b>Date and workload</b>	June 13/14, 2013; 16 work units (45 minutes each)
<b>Trainer team</b>	<i>Dr. Christian Dumpitak</i> , Trainer for University Teaching, iGRAD, HHU <i>Dr. Debbie Radtke</i> , Trainer for University Teaching, iGRAD, HHU
<b>Title</b>	<b>Gentechnische Arbeiten in gentechnischen Anlagen [Genetic Engineering Work in Genetic Engineering Facilities]</b>
<b>Date and workload</b>	March 16/17, 2013; 16 work units (45 minutes each)
<b>Trainer team</b>	<i>Dr. Kirsten Bender</i> , AdvoGenConsult (AGCT) <i>Dr. Petra Kauch</i> , AdvoGenConsult (AGCT)
<b>Title</b>	<b>Führungsqualifikationen [Leadership Qualification]</b>
<b>Date and workload</b>	December 02/03, 2012; 16 work units (45 minutes each)
<b>Trainer</b>	<i>Dirk Strackbein</i> , Diskurs Strackbein GmbH

Except in the cases where a translation of the title is given in parentheses, all workshops were conducted in English.

Düsseldorf, February 06, 2015

Univ.-Prof. Dr. Dr. Margarete Musterfrau  
Main Supervisor

Univ.-Prof. Dr. Johannes H. Hegemann  
iGRAD Chairman