

个人概况

姓名: 赵伟宁 性别: 男
 出生年月: 1986 年 9 月 籍贯: 河南济源
 专业: 有机化学 毕业院校: 慕尼黑工业大学
 学历: 博士 政治面貌: 中共党员
 婚姻状况: 已婚
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 英语能力: 托福 95



教育背景:

2017.03-至今

项目研究员, DFG 项目“ Exploiting quorum sensing inhibition of the natural products fimbrolide and elegaphenone in Gram-negative bacteria” (311,600 欧元), 慕尼黑工业大学化学系 (导师: Stephan Sieber 教授)

2016.10-至今

慕尼黑工业大学化学系, 博士后研究 (导师: Stephan Sieber 教授)

2012.10-2016.10

慕尼黑工业大学化学系, 有机生物化学博士研究生 (导师: Stephan Sieber 教授)

2009.09-2012.07

郑州大学化学与分子工程学院(原化学系) 有机化学硕士研究生(免试推荐, 导师: Francois Mathey 教授, 段征教授)

2005.09-2009.07

郑州大学化学与分子工程学院(原化学系) 化学学士

研究领域和成果:

博士研究生及博士后阶段研究领域: 蛋白质活性表达谱/有机合成/蛋白质组学
 硕士研究生阶段研究领域: 有机磷化学/有机合成方法学

发表论文:

1. Mechanistic analysis of aliphatic β -lactones in *Vibrio harveyi* reveals a QS independent mode of action, **Weining Zhao**, Nicola Lorenz, Kirsten Jung, Stephan Sieber*, *Chem. Comm.*, **2016**, 52, 11971-11974. (影响因子: 6.5)
2. Fimbrolide natural products disrupt bioluminescence of *Vibrio* by targeting autoinducer biosynthesis and luciferase activity, **Weining Zhao**, Nicola Lorenz, Kirsten Jung, Stephan Sieber*, *Angew. Chem. Int. Ed.*, **2016**, 55, 1187-1191. (影响因子: 11.5)
3. A Phospha-Wittig Route to 5-Phosphaphenanthrene, Huaiqiu Wang, **Weining Zhao**, Yang Zhou, Zheng Duan*, Francois Mathey*, *Eur. J. Inorg. Chem.*, **2011**,

4585-4589. (影响因子: 2.7)

4. Palladium-catalyzed three-component domino reaction for the preparation of benzo[b]thiophene and related compounds. Huanan Huang, Jing Li, **Weining Zhao**, Yanbo Mei, Zheng Duan*, *Org. Biomol. Chem.*, **2011**, 9(14), 5036-5038. (影响因子: 3.5)
5. Voltammetric sensor for caffeine based on a glassy carbon electrode modified with Nafion and graphene oxide. Fangyuan Zhao, Fei Wang, **Weining Zhao**, Jing Zhou, Yang Liu, Lina Zou and Baoxian Ye, *Microchim Acta*, **2011**, 174, 383-390. (影响因子: 4.8)
6. The progress of application of $K_4[Fe(CN)_6]$ in cyanation reaction as cyanide sources, Lili Wang, **Weining Zhao**, Zheng Duan*. *Chemical Progress*, **2010**, 10, 1964-1972.

专利:

1. 一组稠环噻吩的合成方法. 段征, 黄华南, 李静, **赵伟宁**, 杨炳乾, 梅言波, 申请号: CN 10209333

学术活动:

1. CIPSM (Center for Integrated Protein Science Munich) Scientific Oktoberfest 2013, 19th – 20th September, 2013, München.
2. 25th GCCCD (Chinese-German Chemical Association) Annual Conference, 7th - 8th September, 2013, Duisburg.
3. 9th GCLB (Chinese Association of Life Science and Biotechnology in Germany) Annual Meeting, 26th - 28th September, 2014, Essen.

Poster: Targets Identification of Bioactive Small Molecules via Activity Based Protein Profiling (ABPP)

4. EMBO Conference: Chemical Biology 2016, 31st August - 3rd September 2016, EMBL Heidelberg.

Poster: Fimbrilide Natural Products Disrupt Bioluminescence of *Vibrio* by Targeting Autoinducer Biosynthesis and Luciferase Activity

5. CIPSM (Center for Integrated Protein Science Munich) Scientific Oktoberfest 2016, 15th – 16th September, 2016, München.
6. Mass-Spec based Proteomics on Campus, 8th Nov, 2016, München.

Curriculum Vitae

Technische Universität München

Name: Weining Zhao
Date of Birth: 25 September, 1986
Place of Birth: Jiyuan, Henan, China
Gender: Male
Marital status: Married
E-mail: weining.zhao@tum.de
Address:
 Untere Straßäcker 21/App 83
 85748 Garching bei München



Academic Background

March 2017 -

Project Researcher for DFG grant "Exploiting quorum sensing inhibition of the natural products fimbrolide and elegaphenone in Gram-negative bacteria" (311,600 Euro), Prof. Dr. Stephan Sieber's group, Department of Chemistry, Technical University of Munich, Germany.

October 2016 -

Postdoctoral research with Prof. Dr. Stephan Sieber, Department of Chemistry, Technical University of Munich, Germany.

October 2012 - October 2016,

Research for doctoral thesis in Organic Chemistry, Department of Chemistry, Technical University of Munich, Germany.

Supervisor: Prof. Dr. Stephan Sieber

September 2009 - July 2012,

Master study in Organic Chemistry, Department of Chemistry, Zhengzhou University, Henan, China.

Supervisor: Prof. Dr. Francois Mathey and Prof. Dr. Zheng Duan

September 2005 - July 2009,

Bachelor study in Chemistry, Department of Chemistry, Zhengzhou University, Henan, China.
 Supervisor: Prof. Dr. Zheng Duan

Publications

Peer reviewed papers:

1. Mechanistic analysis of aliphatic β -lactones in *Vibrio harveyi* reveals a QS independent mode of action, **Weining Zhao**, Nicola Lorenz, Kirsten Jung, Stephan Sieber*, *Chem. Comm.*, **2016**, 52, 11971-11974.
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3. A Phospha-Wittig Route to 5-Phosphaphenanthrene, Huaiqiu Wang, **Weining Zhao**, Yang Zhou, Zheng Duan*, Francois Mathey*, *Eur. J. Inorg. Chem.*, **2011**, 4585-4589.
4. Palladium-catalyzed three-component domino reaction for the preparation of benzo[b]thiophene and related compounds. Huanan Huang, Jing Li, **Weining Zhao**, Yanbo Mei, Zheng Duan*, *Org. Biomol. Chem.*, **2011**, 9(14), 5036-5038.
5. Voltammetric sensor for caffeine based on a glassy carbon electrode modified with Nafion

and graphene oxide. Fangyuan Zhao, Fei Wang, **Weining Zhao**, Jing Zhou, Yang Liu, Lina Zou and Baoxian Ye*, *Microchim Acta*, **2011**, 174, 383-390.

6. The progress of application of $K_4[Fe(CN)_6]$ in cyanation reaction as cyanide sources, Lili Wang, **Weining Zhao**, Zheng Duan*. *Chemical Progress*, **2010**, 10, 1964-1972.

China Patent:

1. A process for preparing thiophene derivatives. Duan, Zheng*, Huang, Huanan, Li, Jing, **Zhao, Weining**, Yang, Bingqian, Mei, Yanbo. Application: CN 102093334.

Conferences

1. CIPSM (Center for Integrated Protein Science Munich) Scientific Oktoberfest 2013, 19th – 20th September, 2013, München.
2. 25th GCCCD (Chinese-German Chemical Association) Annual Conference, 7th - 8th September, 2013, Duisburg.
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Poster: Targets Identification of Bioactive Small Molecules via Activity Based Protein Profiling (ABPP)

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Poster: Fimbrilide Natural Products Disrupt Bioluminescence of *Vibrio* by Targeting Autoinducer Biosynthesis and Luciferase Activity

5. CIPSM (Center for Integrated Protein Science Munich) Scientific Oktoberfest 2016, 15th – 16th September, 2016, München.
6. Mass-Spec based Proteomics on Campus, 8th Nov, 2016, München.

Self Assessment:

1. Responsible when working both independently and as part of a team
2. Studious, persistent and patient
3. Honest, passionate, optimistic