

Researcher and Scientist

Dr Stephan Scheeff

Objective

Using my expertise in synthetic and medicinal chemistry to advance the development of novel antiviral therapies. I am passionate about teaching and mentoring students and strive for excellence in all aspects of my research.

Research Experience

November 2021 – current

Post-Doctoral Research Fellow *The Chinese University of Hong Kong*

Design and synthesis of novel nucleoside analogs for antiviral purposes together with Prof Billy Ng (School of Pharmacy).

October 2018 – October 2021

Post-Doctoral Research Fellow *The University of Hong Kong*

Development of synthetic novel methods in the field of reductive copper catalyzed transformations in the research group of Prof Pauline Chiu (Department of Chemistry).

March 2018 – September 2018

Research Assistant *Dresden University of Technology*

Total synthesis of natural products together with Prof Peter Metz (Department of Chemistry).

January 2015 – February 2018

Research Assistant *University of Bonn*

Total synthesis of complex polyketides together with Prof Dirk Menche (Department of Chemistry).

Education

2015 – 2018

Dr. rer. nat. (Chemistry, equiv. to Ph.D.)

University of Bonn (Prof Dirk Menche)

2008 – 2014

Diplom (Chemistry, equiv. to M.Sc.)

Humboldt University Berlin

Skills

- Scientific Thinking
- Education
- Grant Writing
- Analytical Thinking
- Teamwork
- Presentation

Languages

German (native)
English (proficiency)
Cantonese (intermediate)
French (elementary)

Awards

RGC Hong Kong Postdoctoral Fellowship 2022/23

University Grants Committee Hong Kong

Interests

- Hiking
- Photography
- Web design

Contact

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Publications

M. Li[#], S. Scheeff[#], J. Chen[#], R. C. Johnston, A. Rizzo, E. H. Krenske, P. Chiu [Chem. Eur. J. 2024, e202401485](#). [#] shared first authorship

S. Scheeff, Y. Wang, M.-Y. Lyu, B. Nasiri Ahmadabadi, S.C.K. Hau, T.K.C. Hui, Y. Zhang, Z. Zuo, R.W.Y. Chan, B.W.-L. Ng [Org. Lett. 2023, 25, 50, 9002-9007](#).

S. Guo, K. C. Wong, S. Scheeff, Z. He, W. T. K. Chan, K.-H. Low, P. Chiu [J. Org. Chem. 2022, 87, 1, 429-452](#).

S. Scheeff, S. Rivière, J. Ruiz, S. Dedenbach, D. Menche [J. Org. Chem. 2021, 86, 15, 10190-10223](#).

S. Scheeff, S. Rivière, J. Ruiz, A. Abdelrahman, A.-C. Schulz-Fincke, M. Köse, F. Tiburcy, H. Wiczorek, M. Gütschow, C. E. Müller, D. Menche [J. Med. Chem. 2020, 63, 1684-1698](#).

S. Scheeff, D. Menche, [Org. Lett. 2019, 21, 271-274](#).

S. Scheeff, D. Menche [Beilstein J. Org. Chem. 2017, 13, 1085-1098](#).

S. Bretzke, S. Scheeff, F. Vollmeyer, F. Eberhagen, F. Rominger, D. Menche [Beilstein J. Org. Chem. 2016, 12, 1111-1121](#).

Conferences

2018 3rd European Conference on Natural Products Frankfurt (Germany)
Oral presentation: Biomimetic and Total Synthesis of Archazolid F and Novel Structural Analogues.

2017 RSC 25th International Symposium: Synthesis in Organic Chemistry Oxford (UK)
Poster title: Towards a First Total Synthesis of Archazolid F and Derivatives.

2016 Frontiers in Medicinal Chemistry Bonn (Germany)
Poster title: Synthesis of Archazolid F and Other Novel Archazolids: Highly Potent V-ATPase Inhibitors.

2015 EFMC-ASMC'15 Rehovot (Israel)
Oral presentation: Synthesis of Archazolid F and Other Novel Archazolids: Highly Potent V-ATPase Inhibitors.

Hong Kong, July 7, 2024