

Qun Göthel

qgothel@jausoft.com

http://www.jausoft.com

Goethestrasse 1; 27576 Bremerhaven, Germany

+49.471.4707742

2012 – Today Owner & Manager of Göthel Software e.K.

Besides handling regulatory paperwork for the business, my tasks include reviewing general project design and issues.

One of our goals is to advance the business to realize software solutions addressing the needs of analytical chemistry & biology.

2014 Dr. rer. nat. (PhD) in Analytical Chemistry, Carl von Ossietzky Universität Oldenburg, Germany & Alfred-Wegener-Institut, Helmholtz-Zentrum für Polar- und Meeresforschung, Germany.

Qun Göthel, having a background in biology, obtained her Dr. rer. nat. (PhD) in Analytical Chemistry at Carl von Ossietzky Universität Oldenburg, Germany in collaboration with Alfred-Wegener-Institut, Helmholtz-Zentrum für Polar- und Meeresforschung, Germany.

2009 - 2013 Research work at Alfred-Wegener-Institut, Helmholtz-Zentrum für Polar- und Meeresforschung, Germany.

Within this project, I searched for new promising compounds, potentially exposing biological activity in general.

I became familiar with the following machines, measuring and analyzing compounds:

- Spectroscopic analysis:
 - Nuclear Magnetic Resonance (NMR): *Bruker Avance 600MHz NMR Spectrometer, equipped with a cryo platform.*
- Spectrometric analysis:
 - Liquid Chromatography - High Resolution Mass Spectrometry (LCHRMS): *Bruker microOTOF LC Mass Spectrometer* (Bruker Daltonics)
 - Liquid Chromatography - Tandem Mass Spectrometry (LCMS/MS): *Esquire 3000^{plus} Ion-trap* (Bruker Daltonics)
- Chromatographic analysis:
 - High Performance Liquid Chromatography (HPLC): *Jasco 1500 Series HPLC, equipped with a diode array detector(DAD, Jasco MD-2010 Plus)*

Publications

Göthel Qun (2013) Isolation and characterization of novel natural products from marine organisms: examples from three sponges, an alga, and a scleractinian coral (PhD thesis)

Qun Göthel, Ellen Lichte, Matthias Köck (2012). Further eleganolone-derived diterpenes from the brown alga *Bifurcaria bifurcata*. *Tetrahedron Letters*, 53, 1873-1877.

Qun Göthel, Julie Muñoz, Matthias Köck (2012). Formyleleganolone and bibifuran, two metabolites from the brown alga *Bifurcaria bifurcata*. *Phytochemistry Letters*, 5, 693-695.

Qun Göthel, Matthias Köck (2014). New sesquiterpene hydroquinones from the Caribbean sponge *Aka coralliphagum*. *Beilstein Journal of Organic Chemistry*, 10, 613-621.

2007 Master of Science in Marine Biology, Institute of Oceanology, Chinese Academy of Sciences, China

2004 Bachelor in Biological Technology, Nanjing Normal University, China

Other Skills

Languages: Mandarin as mother tongue; fluent in English and German, simple Spanish

Computer literacy: Proficient in working with Chem. Draw, ISIS Draw, ACD lab., Excel, LibreOffice and Internet Tools. Basic programming skills in Java & Computer method of operation (cpu, ram, gpu, etc).