

PhD position Sustainable Organic Chemistry (Organic Synthesis/Green Chemistry)

The University:

The University of Antwerp (Flanders, Belgium) is an autonomous and pluralistic institution, supporting a democratic and multicultural society, and is an equal opportunity employer. The University of Antwerp is a young dynamic academic institution for internationally recognized, innovative and pioneering research. Special attention is given to the training of students, and to the innovation of teaching programs.

Details vacancy:

You will be working towards your PhD degree in the Maes group of the division *Organic Synthesis* (ORSY) of the Department of Chemistry. The Maes group is a partner in the Centre of Excellence *CASCH* and the Valorization Platform *InSusChem* of the University of Antwerp. Your research project will deal with the development of new synthetic methodologies to transform biorenewable platform molecules into a novel generation of flame retardants. This research fits in the framework of the [Research Foundation Flanders \(FWO\) Bioeconomy project LIBRA](#).

Job description: As a holder of a master diploma with a very good theoretical and practical knowledge of organic synthetic chemistry you will investigate the development of synthetic routes towards novel biobased flame retardants.

Your Profile: The ideal candidate for the position holds a master degree in chemistry or master degree in bioscience engineering (option chemistry) with hands-on experience in analytical separation techniques, mass spectrometry, preparative purification techniques, and structural characterization of organic molecules. The ability to work in a team as well as good communication/writing skills and a good mastery of the English language are required. Interest in multidisciplinary research is an advantage.

Application process: Does this opening appeal to you? Please send a detailed CV, motivation letter and contact details of minimum 1 previous supervisor to VacancyORSY@uantwerpen.be before **February 29th 2024** Only applications with all requested info included will be considered. Please mention "Application PhD LIBRA" in the subject line. The selected candidate is expected to begin at latest in September 2024.

More info?

Prof. Dr. Bert U.W. Maes
Full Professor | Organic Synthesis
Universiteit Antwerpen | Department of Chemistry
Groenenborgerlaan 171 | 2020 Antwerpen | Belgium
Tel: +32 3 265 32 05 | VacancyORSY@uantwerpen.be
<https://www.uantwerpen.be/en/rg/orsy/prof--maes-group/>