

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 **July 15th 2024**. Only applications with all requested info included will be considered. Please mention "Application PhD LIBRA-2" in the subject line. The selected candidate is expected to begin in September 2024.

More info?

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