

PLENARY PRESENTATIONS

MAKING NATURAL PRODUCTS USING WOOD, LIGHT, AND ELECTRICITY

Till Opatz

Department of Chemistry, Johannes Gutenberg University Mainz, Duesbergweg 10-14,
55128 Mainz, Germany, e-mail: opatz@uni-mainz.de

At present, synthetic organic chemistry largely relies on fossil carbon sources. The seminar will highlight the alternative use of wood-based renewable chemical feedstocks and of photo- and electrochemical transformations in the synthesis of organic molecules, including biologically active natural products such as morphinan, strychnos, ergot or curare alkaloids [1-9].

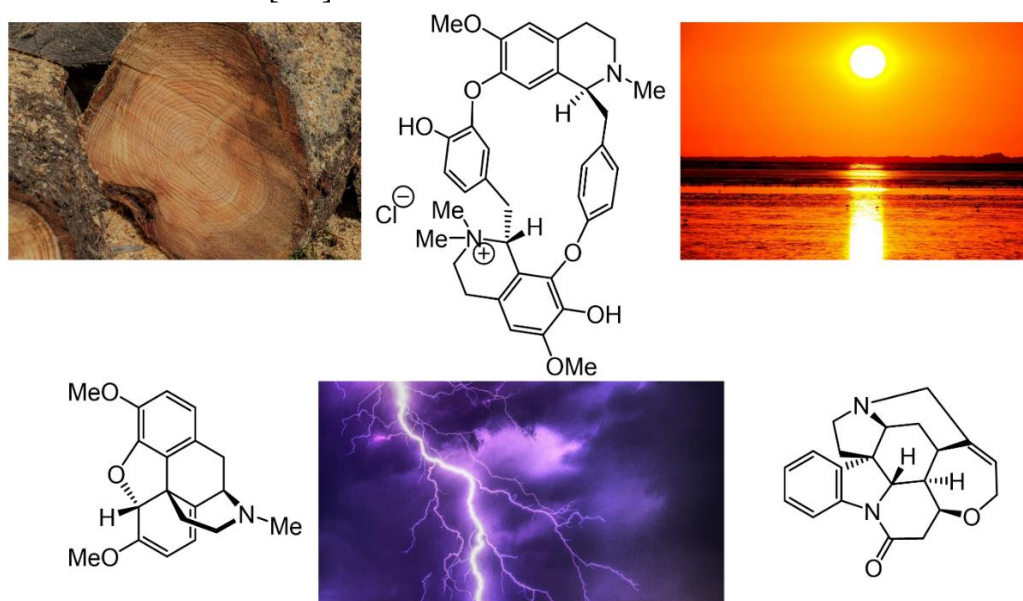


Figure 1. Examples of compounds synthesized using xylo-, photo- and electrochemistry

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