

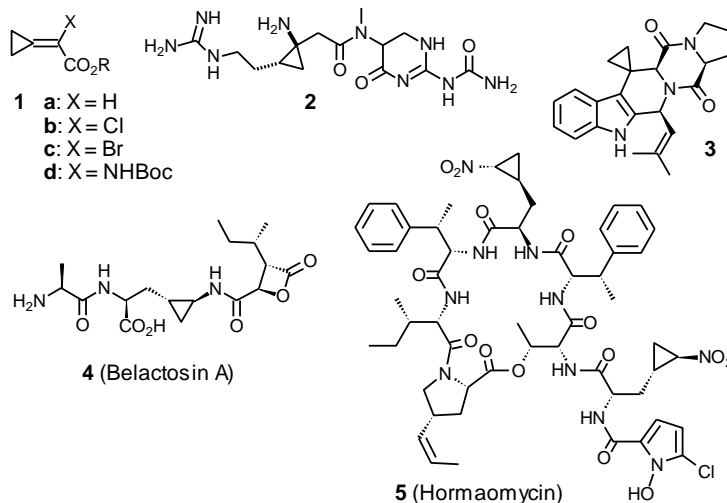
## CBC SEMINAR ANNOUNCEMENT



**Professor Armin de Meijere**  
**Universität Göttingen**

### From Simple Small Ring Building Blocks to Potent Biologically Active Compounds

Advanced syntheses of a group of versatile and highly reactive building blocks, including the 2-substituted cyclopropylideneacetates **1a-d**,<sup>[1]</sup> will be presented. Some synthetic applications towards various cyclopropyl-group containing amino acids and more complex structures including biologically active compounds like the analogues of TAN 1057 **2**,<sup>[2]</sup> and Demethoxy-fumitremorgine C **3**, will be presented. In addition, versatile new accesses to variously substituted cyclopropylamines as well as the first enantioselective syntheses of the cyclopropyl-group containing natural products Belactosine A **4**<sup>[3]</sup> and Hormaomycin **5**<sup>[4]</sup> will be discussed.



[1] M. Limbach, S. Dalai, A. de Meijere, *Adv. Synth. Catal.* **2004**, 346, 760–766.

[2] M. Kordes, M. Brands, M. Es-Sayed, A. de Meijere, *Eur. J. Org. Chem.* **2005**, 3008–3016.

[3] O. V. Larionov, A. de Meijere, *Org. Lett.* **2004**, 6, 2153–2156.

**Date:** 27<sup>th</sup> February 2012 (Monday)  
**Time:** 11:00am – 12:30pm  
**Venue:** NTU SPMS CBC Building Level 2,  
Conference Room  
**Host:** Professor Koichi Narasaka