



Einladung zum Vortrag von

Prof. Dr. Steven Ballet

Research Group of Organic Chemistry, Departments of
Bioengineering Sciences and Chemistry,
Vrije Universiteit Brussel (VUB), Belgium

***Engineering (Hybrid) Peptidomimetics for
Improved Pain Treatments***

To address the different types of pain different classes of medications, mainly non-steroidal anti-inflammatory drugs and narcotics (opioids), are used. The alleviation or treatment of moderate to severe pain states, in particular, commonly invokes the use of opioids. Unfortunately, their chronic administration induces various undesirable side effects, such as for example physical dependence and tolerance. Two strategies to overcome these major side effects and to prolong the antinociceptive efficiency of the applied drugs involve: a) the creation of multifunctional compounds which contain hybridized structures, and b) the design of peptide-based hydrogels as delivery systems for the controlled-release of painkillers.

Mittwoch, 3. April 2019, 16:15 Uhr
Hörsaal 3 der Fakultät für Chemie
Boltzmannngasse 1, 1090 Wien

Christian F. W. Becker, Markus Muttenthaler
Institut für Biologische Chemie