



Einladung zum Vortrag von

Dr. Leandro Helqueira Andrade

Institute of Chemistry, University of São Paulo, Brazil

**„Enzymatic Reactions: From Enzyme Prospection
To Synthetic Applications With Hetero-Compounds”**

The current interest in applying enzymatic reactions in organic chemistry is mainly related to the preparation of optically active compounds with high stereoselectivity under environmentally friendly conditions. Many types of enzymes, which are present in bacteria, fungi, yeasts and plants, can be applied for that purpose. We have showed that promising enzymes can be found on bacterial strains isolated from different biomes (Atlantic forest, Amazon forest and Antarctic Peninsula). We also studied reactions of organic compounds containing heteroatoms (including selenium, boron and silicon) with alcohol dehydrogenases, lipases, transaminases and monooxygenases.

Freitag, 24. Juni 2016, 16:00
Hörsaal 4 der Fakultät für Chemie
Währinger Straße 42, 1090 Wien

Nuno Maulide
Institut für Organische Chemie

Bernhard Keppler
Dekan

Lothar Brecker
Vizedekan

Veronika Somoza
Vizedekanin