



Guestprofessor PD Dr. Andriy Mokhir from the University Heidelberg will hold a lecture in May:

## **270160, VO, Metals and their complexes in Medicine, 2 h, 3 ECTS**

Lectures are in English

This lecture is complementary to the bioinorganic chemistry course. Metal salts and metal complexes, which are or can in future be used in medicine, will be discussed. A main goal of the lecture is to clarify how chemical properties of the metals correlate with their biological activity.

Themes:

- Platinum and ruthenium complexes as drugs in chemotherapy of cancer
- Gold complexes for the treatment of rheumatoid arthritis
- Bleomycin natural antibiotics and anticancer agent
- Photodynamic therapy
- RedOx drugs
- Sn and Ti complexes as drugs
- Vitamin B12
- Metal salts in medicine: Na, K, Ca, Mg, Li, Zn, Cu, Fe, V

Dienstag, 3. 5. 2011	12:00 – 14:45	Hörsaal IV
Mittwoch, 4. 5. 2011	12:00 – 17:45	Sem.Raum Analyt. Chemie
Donnerstag, 5. 5. 2011	12:00 – 17:45	Sem.Raum Analyt.Chemie
Dienstag, 10. 5. 2011	12:00 – 14:45	Hörsaal IV
Mittwoch, 11. 5. 2011	12:00 – 13:45 17:00 – 17:45	Sem.Raum Analyt.Chemie
Donnerstag, 12. 5. 2011	12:00 – 17:45	Sem.Raum Analyt. Chemie
Dienstag, 17. 5. 2011	12:00 – 14:45	Hörsaal IV

O. Univ.-Prof. DDr. Bernhard K. Keppler

Dekan der Fakultät für Chemie