

COLLOQUIA IN CELLULAR SIGNALLING

Venue: Medical University Vienna, Center for Physiology and Pharmacology,
Institute of Pharmacology, Waehringerstrasse 13a, 1090 Vienna, "**Leseraum**".

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Friday **10.10.2014 11:00 s.t.** **Shahrokh F. Shariat (Host H. Sitte)**
Professor and Chairman
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"Personalized Therapeutic Strategies in Urothelial Cancer in 2014"

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Abstract:

Despite a detailed understanding of the molecular aberrations driving the development of urothelial cancers, this knowledge has not translated into advances for the treatment of this disease. Urothelial cancers are chemosensitive, and platinum-based combination chemotherapy remains the standard of care for advanced disease, as well as neoadjuvant and adjuvant therapy for locally advanced disease. However, nearly half of patients who undergo resection of locally advanced urothelial cancer will relapse and eventually develop platinum-resistant disease. Clinical trials of targeted agents against angiogenesis and growth factors, as well as novel chemotherapeutics, have generally been unsuccessful in urothelial cancers. Improvements in the therapeutic arsenal for urothelial cancer depend upon identification of new targets and strategies to overcome platinum resistance.