

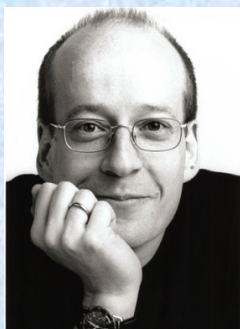


# 2013年度 物質生命理工学科コロキウム

上智大学 理工学部 物質生命理工学科 主催  
理工学部・理工学振興会 共催

## Old Dog with New Tricks (Clicks) -- Titanium(IV) in Anti-cancer Treatment -- Dr. Thomas Huhn *Konstanz University, Germany*

With the introduction of cisplatin in anti-cancer treatment in the early 1970s the new area of inorganic-medicinal chemistry opened up for the inorganic chemist's community. Many other metals have since been studied, many different ligand systems tested to identify suitable candidates for clinical studies. The field of titanium derived drugs has developed over the last 30 years from titanocenes to the recently introduced ONNO-type titanium-salan complexes. In this talk I will give a brief introduction to the theme, an overview over problems associated with and possible solutions towards the problem of premature hydrolysis of anti-cancer active Ti(IV) compounds. Finally, I will tell what type of 'new clicks' we taught our 'old dogs' recently.



白金錯体シスプラチンに代表されるように抗がん作用を示す金属錯体が知られている。本講演では、様々な有機チタン錯体についてその抗がん活性について検討した結果を紹介する。

2014年3月25日(火)

15:30~16:30

場所：L-821 (図書館内会議室)

Chairperson: Noriyuki Suzuki

学生の聴講歓迎・申込不要・参加無料

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