

21世紀COE

「京都大学化学連携研究教育拠点」

化学研究所・生体機能化学セミナー

**主題: Molecular Design for Exploring, Controlling, and
Creating Biological Functions**

**会場: 生存基盤科学研究ユニットオフィス
(総合実験研究棟5階)**

日時: 2006年 8月 3日(木) 15:00 ~ 17:40

15:00~15:40

Designing photo-controlled peptides and proteins

Prof. Andrew Woolley

Department of Chemistry, University of Toronto

15:40~16:20

**Synthetic multifunctional nanoarchitecture in lipid bilayer
membranes: Focus on artificial photosynthesis**

Prof. Stefan Matile

Department of Organic Chemistry, University of Geneva

16:35~17:15

**To live or not to live: Altering the fate of eukaryotic cells by
designing cell-targeting agents based on the unique protein
architecture of the human tumor suppressor protein p53**

Prof. Jean Gariepy

Department of Medical Biophysics, University of Toronto

17:15~17:40

**Counter anion mediated function of guanidinium-rich oligo-
/polymers in model membranes**

Dr. Naomi Sakai

Department of Organic Chemistry, University of Geneva

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(本セミナーは生存基盤科学研究ユニットとの共催により行われます)