



2015 Spring One-Day Thematic Symposium of the
SCT (the French Society for Medicinal Chemistry)
April 8th, 2015
Maison des Associations Solidaires
10 Rue des Terres au Curé, 75013 Paris (France)

Chemical Biology:
***Bioorthogonal Chemistry contributing to
Molecular Therapeutic Innovation***

9h30 – Reception of participants and registration

10h00 – Introduction

10h05 – **Dr. Oliver Plettenburg** (Sanofi, Frankfurt am Main, Germany)
Introductory lecture: Chemical Biology in Pharmaceutical Research

Session 1: **Prof. Ludovic Jullien** (Ecole Normale supérieure, Paris, France), *chairman*

10h50 – **Dr. Alain Wagner** (Université de Strasbourg, France)
Bioorthogonal and biospecific chemistries for biomolecule engineering

11h35 – **Dr. Gonçalo Bernardes** (University of Cambridge, UK)
Site-selective protein modification chemistry for basic biology and drug development

12h20 – Lunch

Session 2: **Dr. Frédéric Taran** (CEA, Gif sur Yvette, France), *chairman*

13h40 - **Prof. Herman Overkleeft** (Universiteit Leiden, Netherlands)
Inhibitors and activity-based probes to study human proteasomes

14h25 – **Dr. Boris Vauzeilles** (Institut de Chimie des Substances Naturelles & Institut de Chimie
Moléculaire et des Matériaux d'Orsay, France)
Detecting living pathogens using bioorthogonal chemistry

15h10 - Coffee-Break

Session 3: **Dr. Olivier Lavergne** (IPSEN, Les Ulis, France), *chairman*

15h40 - **Prof. Andres Jäschke** (Universität Heidelberg, Germany)
Cycloaddition chemistry combined with next-generation sequencing leads to the discovery of new roles for cofactors in bacteria

16h25 – **Dr. Marc Robillard** (Tagworks Pharmaceuticals, Netherlands)
In Vivo Chemistry for Cancer Imaging and Therapy

17h10 – Final conclusions: **Dr. Jean-Luc Galzi** (Ecole supérieure de Biotechnologie de Strasbourg, Illkirch, France)

17h20 – Closing remarks: **Prof. Janos Sapi** (Université de Reims, France, SCT President)

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PARTICIPATION REQUIRES REGISTRATION (LIMITED PLACES AVAILABLE)

Online registration: <http://www2.sct-asso.fr/Bioorthogonal-registration>