

# The French Medicinal Chemistry Society (SCT) celebrates ten years of Chemical Biology!

For ten years now, the SCT has contributed to highlighting modern Chemical Biology and its contribution to Medicinal Chemistry through specialized meetings, workshops and publications. This was all inspired by the emergence and evolution of new chemical approaches to the exploration of new biological mechanisms.

As early as 2008, during the annual International Conference on Medicinal Chemistry (RICT) organized by the SCT, a specific session was often devoted to the deep connections between Chemical Biology and Medicinal Chemistry, and was originally entitled “**Chemical Biology, Life Sciences and Drug Discovery: How to Promote Cross-Talk?**” This gave birth to the series of “**Interfacing Chemical Biology and Drug Discovery**” conferences every two years (see [http://www.sct-asso.fr/riect\\_previous.html](http://www.sct-asso.fr/riect_previous.html)). On the same web page, you can download editorials written by high standing scientists who share their own vision of the evolution of Medicinal Chemistry including the contribution of Chemical Biology.

The SCT also organized One-Day Thematic symposia in spring or fall, focusing on the contribution of Chemical Biology to molecular therapeutic innovations:

- Chemical Biology: Contribution to Molecular Therapeutic Innovation - A New Role for Chemistry? (November 26th, 2013) [http://www.sct-asso.fr/wa\\_files/Program\\_Fall2013.pdf](http://www.sct-asso.fr/wa_files/Program_Fall2013.pdf)
- Chemical Biology: Bioorthogonal Chemistry contributing to Molecular Therapeutic Innovation (April 8th, 2015) [http://www.sct-asso.fr/wa\\_files/Program\\_Spring2015.pdf](http://www.sct-asso.fr/wa_files/Program_Spring2015.pdf)
- Chemical Biology: Contribution to Molecular Therapeutic Innovation - Conjugates and Drug Discovery Chemistry: new challenges for targeted therapies – (December 7th, 2017) [http://www.sctasso.fr/wa\\_files/Program\\_Fall2017\\_SCT.pdf](http://www.sctasso.fr/wa_files/Program_Fall2017_SCT.pdf)
- Chemical Biology : Contribution to Molecular Therapeutic Innovation - Drug Discovery in the RNA world (March 10th, 2020) [http://www.sct-asso.fr/wa\\_files/Programme\\_20RNA\\_20final.pdf](http://www.sct-asso.fr/wa_files/Programme_20RNA_20final.pdf)

Our contribution to the development of these activities has also been shared through publications:

- Sciences chimiques et sciences de la vie : une coalescence prometteuse pour la pharmacie (Benoît Déprez) [in French] L'Actualité chimique - décembre 2012 - n° 369, 5-7 (<https://www.lactualitechimique.org/Sciences-chimiques-et-sciences-de-la-vie-une-coalescence-prometteuse-pour-la-pharmacie>)
- Chemical Biology: Contribution to Molecular Therapeutic Innovation – A New Role for Chemistry? Report from the Thematic Symposium Organized by the SCT (French Medicinal Chemistry Society), November 26th, 2013 (Frédéric Schmidt, Pascal George, Janos Sapi), ACS Chem. Biol. 2014, 9, 849–852 (<https://pubs.acs.org/doi/10.1021/cb500173s>)
- Interfacing Chemical Biology and Drug Discovery: Report from the 50th International Conference on Medicinal Chemistry of the SCT (French Medicinal Chemistry Society), July

2–4, 2014, Rouen, France (Janos Sapi, Frédéric Schmidt, Luc Van Hijfte, Pascal George), ACS Chem. Biol. 2014, 9, 2702–2707 (<https://pubs.acs.org/doi/10.1021/cb5009469>).

The SCT strongly believes that Chemical Biology approaches, aimed at understanding and manipulating biological processes, are key assets for the discovery of new medicines, prognostic and diagnostic agents.