



Dr Thibault GALLAVARDIN



CNRS Researcher

Bioorganic team

Tel : + 33 (0)2 35 52 24 83

E-mail : thibault.gallavardin@univ-rouen.fr



Website:

PROFESSIONAL EXPERIENCES

- 2016- Researcher at CNRS; Rouen Normandy University, France.
- 2014-2015 Postdoctoral Associate; Advisor: Prof. Ishow, Nantes University, France.
- 2012-2014 Postdoctoral Associate; Advisor: Prof. Nonell, IQS Barcelona, Spain.
- 2011-2012 Postdoctoral Associate; Advisor: Dr. Dalko, Paris Descartes, France.

EDUCATION

- 2003-2007 Ph.D. Organic Chemistry, ENS Lyon, France.
- 2002-2003 M.S. Organic Chemistry, ENSCM Montpellier, France.

RESEARCH INTERESTS

Organic synthesis: Heterocycles, Palladium coupling, Dyes synthesis.

Spectroscopy: Fluorescence, Phosphorescence, Two photon absorption, Photoswitches

Application in biology for fluorescence imaging, protein detection and photodynamic therapy.

SCIENTIFIC ACHIEVEMENTS

Academic record (h-index: 14)

19 publications, 2 book chapters, 1 patents, 1 invited lectures (academia & industry)

GRANTS AND FELLOWSHIPS

ANR JCJC 2019 Phinact: <https://anr.fr/Projet-ANR-19-CE18-0006>

CONFERENCES

International workshop on nano and bio-photonics (IWNBP, 5, 2019), Sep 2019, Saint-Nectaire, France.

Epicocconone story, from natural product to TPA protein fluorescent marker [\(hal-02354547\)](#)

PUBLICATIONS

Samuel Oger, Damien Schapman, Romain Mougeot, Stéphane Leleu, Noëlle Lascoux, et al.. Two-photon absorption and cell imaging of fluorene-functionalized epicocconone analogues. *Chemistry - A European Journal*, Wiley-VCH Verlag, 2019, 25 (46), pp.10954-10964. [\(10.1002/chem.201902731\)](#). [\(hal-02170780\)](#)

Ludovic Galas, Thibault Gallavardin, Magalie Benard, Arnaud Lehner, Damien Schapman, et al.. Probe, Sample, and Instrument (PSI): The Hat-Trick for Fluorescence Live Cell Imaging. *Chemosensors*, MDPI, 2018, 6 (3), pp.40. [\(10.3390/chemosensors6030040\)](#). [\(hal-01874039\)](#)

Damien Schapman, Caroline Perraudau, Magalie Bénard, Thibault Gallavardin, Agathe Boulangé, et al.. Characterization of fluorescent synthetic epicocconone-based dye through advanced light microscopies for live cell imaging applications. *Dyes and Pigments*, Elsevier, 2017, 141, pp.394-405. [\(10.1016/j.dyepig.2017.02.034\)](#). [\(hal-02046308\)](#)

Arnaud Chevalier, Abdelaaziz Ouahrouch, Alexandre Arnaud, Thibault Gallavardin, Xavier Franck. An optimized procedure for direct access to 1H-indazole-3-carboxaldehyde derivatives by nitrosation of indoles. *RSC Advances*, Royal Society of Chemistry, 2018, 8 (24), pp.13121-13128. [\(10.1039/c8ra01546e\)](#). [\(hal-02024488\)](#)