

CURRICULUM VITAE

PERSONAL INFORMATION

Colomban Cédric

Date of birth: 30/07/1986

Nationality: French

Institutional web site: <https://ism2.univ-amu.fr/en-gb/user/2811>

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EDUCATION

2014 PhD in Bioinspired Catalysis, Univ. of Lyon1, Institute IRCELYON, France
(PhD degree officially obtained on **November the 21st, 2014**)

2011 MSc in Bio-Organic & Bio-Inorganic Chemistry, Univ. Grenoble Alpes, France

CURRENT POSITION

Since 2020 CNRS principal researcher in **Bioinspired Confined Catalysis**, CR-CNRS Section 14, Univ. Aix-Marseille, CNRS, iSm2 (UMR7313), France. Chirosciences team

PREVIOUS POSITIONS

2018- 20 Postdoc in **Confined Catalysis**, Ecole centrale de Marseille, iSm2, France. A. Martinez group

2015- 17 Postdoc in **Cages & host-guest chemistry**, Univ. Girona, QBis-Cat, Spain. M. Costas & X. Ribas group

2011- 14 Ph.D student in **Bioinspired Catalysis**, Univ. Lyon1, IRCELYON, France. A. Sorokin group

AWARDS AND GRANTS

2023 I was recently invited to contribute to the:
- **New Talent: Europe 2022** collection of *Dalton Transactions* ([link](#)).
- **Emerging Investigators 2023** collection of *Chemical Communication* ([link](#)).
- **Catalysis Talents** special collection of *ChemCatChem*. (article in preparation).

2023 Research grant **A*MIDEX blanc** (Main coordinator of *MiniCA*; **298,784 €**, 4 years)

2022 Research grant **ANR-JCJC 2022** (Main coordinator of *BOOM*; **205,016 €**, 4 years)

2022 Research grant **A*MIDEX pépinière d'excellence** (coordinator of *MetOx*; **25,000 €**)

2020 Ranked 1st in the French-CNRS **recruitment** cycle (success rate<15%)

2018 Research **prize** from the city of Marseille, France (2,000 €)

2015- 17 **Postdoctoral grant** for junior doctoral staff, Univ. of Girona (68,000 €)
Funding source: Regional government of Catalonia, Spain

DISSEMINATION OF SCIENTIFIC RESULTS

My work has been published in **24 articles** in peer-reviewed journals including 15 first author articles and **6 corresponding author** articles.

I have communicated my work in **17 communications** in national / international conferences (including 4 awards) and **3 invited lectures** at University of Girona (M. Costas group, Spain, Nov. 2021), CEA-Grenoble (V. Artero group, France, March 2022) and LHFA Toulouse (Jury prix de these SCF_{Occitanie} 2023). I have supervised **3 PhD students**.

REVIEWING ACTIVITIES

- 2023 Reviewer for the *Sorbonne Université* (Emergence 2023 call).
- 2022/2023 Reviewer of articles for *Inorg. Chim. Acta & Journal of Coordination Chemistry*.
- 2022 Reviewer for the *French research agency* (ANR-PRC 2022 call).
- 2022 Reviewer for the *Czech Science Foundation* (GACR 2022 call).
- 2020 -21 Member of 2 Ph.D committees (in Spain and France).

5 SELECTED PUBLICATIONS

[1] D. Diao, J. Simaan, A. Martinez, C. Colomban,* [Bioinspired complexes confined in well-defined capsules: getting closer to metalloenzyme functionalities](#), *Chem. Commun.* **2023**, 59, 4288

Article selected in the *Chem. Commun.* themed issue: **2023 Emerging investigators**.

[2] G. Qiu, ..., J. Simaan, P. Nava, A. Martinez,* C. Colomban,* [A caged tris\(2-pyridylmethyl\)amine ligand equipped with a C_{triazole}-H hydrogen bonding cavity](#), *Dalton trans.* **2022**, 51, 10702

Article selected: - as **Hot Article**

- in the *Dalton trans.* themed issue: **New talent Europe 2022**

[3] G. Qiu, P. Nava, A. Martinez, C. Colomban,* [A tris\(benzyltriazolemethyl\)amine-based cage as a CuAAC ligand tolerant to exogeneous bulky nucleophiles](#), *Chem. Commun.* **2021**, 57, 2281.

Featured in *ChemCommMilestones*: 1st article as independent researcher ([interview link](#))

[4] C. Colomban, ..., J. Jiménez-Barbero, M. Costas, Xavi Ribas, [Complete Dynamic Reconstruction of C₆₀, C₇₀, and \(C₅₉N\)₂ Encapsulation into an Adaptable Supramolecular Nanocapsule](#). *J. Am. Chem. Soc.* **2020**, 142, 16051. (1st author), Leading journal in general chemistry.

[5] C. Colomban, E. V. Kudrik, P. Afanasiev, and A. B. Sorokin, [Catalytic Defluorination of Perfluorinated Aromatics under Oxidative Conditions Using N-Bridged Diiron Phthalocyanine](#), *J. Am. Chem. Soc.* **2014**, 136, 11321. (1st author). Leading journal in general chemistry.