

Education

PhD in Chemistry

University of Burgundy, Institut de Chimie Moléculaire

📅 November 2018 – May 2023, 📍 Dijon, France

The C–H bond activation of *s*-tetrazines for new polyaromatic materials

Masters 2 internship

University of Rennes 1, Institut des Sciences Chimiques de Rennes

📅 February 2018 – July 2018, 📍 Rennes, France

Functionalization of thiazole derivatives *via* successive metal catalyzed C–H bond activations

Masters 2 in sustainable Chemistry and catalysis

University of Rennes 1, Institut des Sciences Chimiques de Rennes

📅 September 2018 – January 2018, 📍 Rennes, France

Masters 1 in molecular Chemistry

Lebanese University, Faculty of Sciences

📅 October 2017 – June 2018, 📍 Beirut, Lebanon

Bachelors in Chemistry

Lebanese University, Faculty of Sciences

📅 September 2014 – July 2017, 📍 Beirut, Lebanon

Publications

- **Tetrazo[1,2]indazoles: Straightforward access to nitrogen-rich polyaromatics from *s*-tetrazines;** A. Daher, A. Bousfiha, Iogann Tolbatov, C. D. Mboyi, H. Cattey, T. Roisnel, P. F. Lessard, M. Hissler, J.-C. Hierso, P. A. Bouit, J. Roger, *Angew. Chem. Int. Ed.* **2023**, (doi: 10.1002/anie.202300571)
- **Alkali halides as nucleophilic reagent sources for *N*-directed palladium catalyzed *ortho* C–H bond halogenation of *s*-tetrazines and other heteroaromatics;** A. Daher, O. Abidi, J.-C. Hierso, J. Roger, *RSC Adv.* **2022**, 12, 30691–30695
- **Synthesis and structural characterisation of bulky heptaaromatic (hetero)aryl *o*-substituted *s*-aryltetrazines;** C. D. Mboyi, A. Daher, N. Khirzada, C. H. Devillers, H. Cattey, P. F. Lessard, J. Roger, J.-C. Hierso, *New J. Chem.* **2020**, 44, 15235–15243
- **Bridge-clamp bis (tetrazine)s with [N]₈ π -stacking interactions and azido-*s*-aryl tetrazines: Two classes of doubly clickable tetrazines;** C. D. boyi, D. Vivier, A. Daher, H. Cattey, C. H. Devillers, C. Bernhard, F. Denat, P. F. Lessard, J. Roger, J.-C. Hierso, *Angew. Chem. Int. Ed.* **2020**, 59, 1149–1154
- **Reactivity of phenylthiazoles in ruthenium catalyzed direct arylations;** A. Daher, D. Jacquemin, V. Guerschais, J. F. Soule, H. Doucet, *Appl. Organomet. Chem* **2019**, 33, e4794



Personal Details

✉ Ahmad_Daher@etu.u-bourgogne.fr

☎ +03367478182

📅 19/12/1995 (27 years), Lebanese

📍 6 rue marechal leclerc
21000, Dijon, France

Research Fields

- Homogenous transition metal catalysis (Pd / Cu / Ir / Rh / Ru)
- Organic (multi-step) synthesis
- Fluorometer and cyclic voltameter
- Chemical and molecular analysis through 1D (H, F, C...) and 2D (COSY, HMQC...) NMRs, UV-Vis, Infra-red, mass spectroscopy
- Word, excel and power point skills for written reports and presentations

Languages

- Native language: Arabic
- Second language: English (fluent)
- Third language: French (Beginner)

Certifications

Semaine d'Etudes de Chimie Organique 58 « SECO »

📅 September 2021, 📍 Bussang, France

References

- **Prof. Jean-François Soulé**
✉ jean-francois.soule@chimieparistech.psl.eu
- **Dr. Julien Roger**
✉ Julien.roger@u-bourgogne.fr
- **Dr. Henri Doucet**
✉ Henri.doucet@univ-rennes1.fr