

Curriculum Vitae Marc Guerre



PERSONAL INFORMATION

Family Name, First Name: Guerre, Marc
Date of birth: July 24, 1990 (Montpellier, France)
Collège B1, section 13
email: marc.guerre@cnrs.fr

EDUCATION

2017 **Ph.D in Polymer Chemistry** (Funded by the French Ministry of Science and Technology) from National Chemistry School of Montpellier (ENSCM)

RESEARCH EXPERIENCE

10/2019 – Present **CNRS Research Fellow** at Softmat laboratory within P3R Team (Precision Polymers by Radical Processes), Paul Sabatier University, Toulouse (France)

01/2023– 03/2023 **VBL Visiting Associate Professor** (Nagoya University), Department of Applied Chemistry (Prof. Masami Kamigaito), (Japan)

2017 – 2019 **Postdoctoral Research Fellow** (Funded by personal FWO fellowship: Research Foundation Flanders), Department of Organic and Macromolecular Chemistry, Polymer Chemistry Research Group (Prof. Filip Du Prez), Ghent University (Belgium)
“Fluorinated vitrimers and healable polymers “

06/2016 – 08/2016 **JSPS Summer Fellow** (Japan Society for the Promotion of Science), Department of Applied Chemistry (Prof. Masami Kamigaito), Nagoya University (Japan)

2014 – 2017 **Ph.D Student** at ICGM (Charles Gerhardt Institute of Montpellier) and team Engineering and Macromolecular Chemistry (IAM) (Dr. Vincent Ladmiral and Dr Bruno Améduri)
‘Synthesis and Self-Assembly of Amphiphilic Fluorinated Block Copolymers”

HONOURS, AWARDS and FELLOWSHIPS

2024 **Young Investigator Award of the French Polymer Group (GFP) 2024**

2024 Outstanding reviewer award from Polymer Chemistry RSC

2024 **Young Investigator Award of Toulouse Institute of Chemistry (ICT) 2024**

2023 **VBL visiting professor** grant from Nagoya University (3 months)

2018 **Balard award** for the best Ph.D thesis in Chemistry

2018 **Sabatier d’Espeyran award** from the French Academy of Science of Montpellier

2017 **FWO Postdoctoral Fellowship** from Research Foundation Flanders (3 years)

2016 **JSPS Summer Fellowship** from Japanese Society for the Promotion of Science (3 months)

2016 Travel grant from the Fluor scientific interest group

CONTRACTS: IRT Saint Exupéry **2025**; ANR PRC ThioDynMat 2024 – 2028 – Responsible of Work Package ; (ICT) 2024 ; IRT Saint Exupéry 2024 ; ANR JCJC DYNACEL **2023 – 2027** Coordinator ; ANR PRC ACECANISM **2023 – 2027** – Responsible of WP ; SAFRAN 2023; CNES, 2022 ; SAFRAN **2022**; SPECIFIC POLYMERS 2021 ; IRT Saint Exupéry **2020**.

SUPERVISION

*Bachelor (2) and Master students (10) PhD Students: (3) graduated, (4) on-going and 3 as visiting :
PhD Students*

2024 – present Edoardo Albertini (6 months visiting student - Politecnico di Torino)
2024 – present Xi Yang (50 % supervision, Ph.D Supervisor)
2024 – present Alexis Millan (70 % supervision, Ph.D Director with derogation)
2023 – present Théo Vialon (60 % supervision, Ph.D Co-Director with derogation)
2022 – present Joséphine de Calbiac, Ph.D student (50 % supervision, Ph.D Supervisor)
2021 – 2024 Solène Guggari (40 % supervision, Ph.D Co-Director with derogation)
2020 – 2023 Vincent Schenk (50 % supervision, Ph.D Co-Director with derogation)
2022 – 2023 Anna Stasiuk (6 months visiting PhD Student, University of Lviv)
2022 Pawel Misiak (3 months visiting PhD Student, University of Bialystok)
2017 – 2021 Christian Taplan (Ph.D Supervisor)
2017 – 2020 Yann Spiesschaert (Ph.D Supervisor)

PUBLICATIONS (43, h-index = 27, citations >2690) + 1 patent – 5 Most Recent Publications.

1. I. Kurowska, M. Odnoroh, O. Ivanchenko, **M. Guerre**, M. Destarac, Synthesis of high molar mass all-(meth)acrylic thermoplastic elastomers by photo-iniferter RAFT polymerisation, *Polym. Chem.*, **2024**, 15, 4888-4893.
2. M. Odnoroh, O. Ivanchenko, G. Fleury, **M. Guerre**,* M. Destarac, New Generation of Thermoplastic Elastomers from Narrowly Dispersed All-(Meth)acrylic ABA Triblock Copolymers Made by RAFT, *Macromolecules*, **2024**, 57, 9565-9575.
3. O. Ivanchenko, M. Odnoroh, F. Rolle, A. Kroeger, S. Mallet-Ladeira, S. Mazières, **M. Guerre**, M. Coote, M. Destarac, *2-Cyanopropan-2-yl versus 1-cyanocyclohex-1-yl leaving group: Comparing Reactivities of Symmetrical Trithiocarbonates in RAFT Polymerization*, *Macromol. Rapid. Comm.*, **2024**, 2400317.
4. V. Schenck, J. De Calbiac, R. D'Elia, P. Olivier, K. Labastie, M. Destarac, **M. Guerre**,* *Epoxy vitrimer formulation for resin transfer molding: reactivity, process and material characterization*, *ACS Appl. Polym. Mater.*, **2024**, 6, 6087.
5. S. Guggari, F. Magliozzi, S. Malburet, A. Graillot, M. Destarac, **M. Guerre**,* *Vanillin-based dual dynamic epoxy building block: a promising accelerator for disulfide vitrimers*, *Polym. Chem.*, **2024**, 15, 1347. (*Polymer Chemistry Emerging Investigators Series*)

CONFERENCE CONTRIBUTIONS AND SEMINARS

Oral communications at International conferences (10, 2 as invited) and National conference (3)
12 seminars as invited speaker. Last and upcoming contribution: Macro IUPAC2024 (01/07-04/07/**2024**) Warwick (England) – Dynamic Polymer Networks Meeting 2025, 11/08-14/08/**2025**) Reykjavik (Iceland) **invited**

EXPERTISE

Regularly reviewer for Polymer Chemistry, Macromolecules, ACS Sustainable Chemistry and Engineering, Material Horizons, etc... (230 peer reviews from 2019-2025,

External Expert for Swiss National Science Foundation (3), Marie Skłodowska Curie COFUND action (1) EUTOPIA (1), ACS PRF (1), ANR (1), MaTerRE (1)

SCIENTIFIC DISSEMINATION

2022 Campus FM (09/10) and **Un Dimanche au bord du lac**, Speed Searching program (09/10) ; 2021 **Les 2 font la paire** ; 2021 **Un Dimanche au bord du lac**, Speed Searching program (03/10) ; 2021 **European Researchers' Night 2021**, Speed Searching program (24/09) ; 2020 **European Researchers' Night 2020**, Speed Searching program (27/11)