

# CURRICULUM VITAE

## Jean-Claude Guillemin

CNRS, UMR 6226, Institut des Sciences Chimiques de Rennes, CORINT  
Ecole Nationale Supérieure de Chimie de Rennes  
11, allée de Beaulieu, CS 50837, 35708 Rennes Cedex 7, France

Date of Birth: April, 22<sup>th</sup> 1957 (France)

Married, 3 children (Vincent, Claire et Thibault)

Tel: +33(0)223238073, +33 (0)635111850, email: jean-claude.guillemin@ensc-rennes.fr

## Education

---

July 1986, PhD, University of Rennes, Supervisor: Dr. J.-M. Denis «Unstabilized Imines: Synthesis and Reactivity».

Post-doctoral fellow (1986-1987), Rensselaer Polytechnic Institute, Troy, New-York State (U.S.A.), Supervisor: Prof. J. P. Ferris «Gas Phase Photochemistry of Unsaturated Nitriles».

## Academic Position

---

October 1983-September 1987	Chargé de Recherche 2 <sup>nd</sup> class
October 1987-September 1993	Chargé de Recherche 1 <sup>st</sup> class
October 1993-September 2006	Directeur de Recherche 2 <sup>nd</sup> class
October 2006- April 2025	Directeur de Recherche 1 <sup>st</sup> class
April 2025-	Directeur de Recherche Emeritus

## Research Administration

---

- Has been member of several scientific committees at Centre National de la Recherche Scientifique (CNRS)(4 years), Institut National des Sciences de l'Univers (INSU) (4+ 8 years) and Centre National d'Etudes Spatiales (CNES) (8 years).
- Director of the UMR CNRS 6052 (2004-2006)
- Head of the team « Synthèse Organique et Systèmes Organisés », then « Chimie Organique et Supramoléculaire » at the Institut des Sciences Chimiques de Rennes 2007- 2013.

## Scientific Production

---

- Author or Co-author of more than 400 publications, 1 patent
- More than 100 invited talks or seminars, more than 100 oral communications
- Supervisor of 21 PhD, 24 Master degree and 4 post-doctoral researchers

## Research Area

---

Synthesis of Non-Stabilized Heterocompounds.

Synthesis and Chemistry of Compounds for the Interstellar Medium or the Primitive Earth.

## Selected Recent Publications

---

1. Kpoezoun, A.; Gazzeh, H.; Baba, G.; Guillemin, J.-C. Synthesis and Characterization of N-Unsubstituted 2- and 3-Furanimines *J. Org. Chem.* **2024**, *89*, 11026–11030
2. Ghabi, A. ; Slama, T. ; Hedhli, A. ; Boubaker, T. ; Guillemin, J.-C. ; Primary  $\alpha$ -Phosphino- and  $\alpha$ -Arseno-nitriles, Analogs of  $\alpha$ -Aminonitriles, *Inorg. Chem.* **2024**, *63(24)*, 11311-11316.
3. Ayachi, H.; Gazzeh, H.; Boubaker, T.; Guillemin, J.-C. Methylene cyanamide ( $\text{CH}_2=\text{NCN}$ ) and (Z)- and (E)- Iminoacetonitriles ( $\text{NC-CH}=\text{NH}$ ), Dimers of Hydrogen Cyanide, *J. Org. Chem.* **2023**, *88(4)*, 2570-2574.
4. Ganesan, E.; Custer, T.; Lawzer, A.-L.; Guillemin, J.-C.; Kolos, R. Unusual Quartet-Doublet Phosphorescence from the Phosphaethynyl Radical, CP, *Angew. Chem. Int. Ed.*, **2022**, *61(43)*, e202210521.