

Dr. Jean-Pierre Vors

Professor of crop protection in National Master Chemistry School of Montpellier, France
Former Research Group-Leader Bayer SAS, Centre de Recherche de La Dargoire, Lyon, France
French nationality, married, 3 children

Mobile: 00 33 (0) 6 27 28 34 75
jean-pierre.vors@enscm.fr



Skills

Teaching, from December 2018-

- Professor in ENSCM (Crop protection and Heterocycles courses), Master degree.
- Crop Protection courses given since 2015, (analogous to Medicinal Chemistry applied to crops) up to 12 hours per session, internally in Bayer and in diverse French elite schools and universities (ENSCM, ECPM, ESCPI, ENSCP, X, Orsay...), and abroad (Brazil, Ukraine, China, Canada): "From the discovery to the development of active ingredients, including chemistry, notions of biochemistry, biology, physicochemical properties, (eco)toxicology, production, patent protection."

Consulting, from May 2021-

- Consultant for international companies (Solvay, BASF, Ourofino) on crop protection topics

Multidisciplinary and multicultural project management to discover and bring to development biologically active molecules, January 1982-November 2018

- Management of multidisciplinary (chemists, biochemists, biologist, molecular modelers, patent attorneys, toxicologists...) and multicultural (Europe, North America, Asia) research groups. To be added development people (agronomists, marketing, process researchers...) all specialized in crop protection, namely natural or synthetic fungicides, biocontrol agents and biostimulants including plant defense stimulators.

Management of industrial researchers, January 1982-November 2018

- Group of researchers (up to 50) in crop protection, PhDs and technicians from several nationalities

Ability to create international network between universities / universities or company / universities.

- Particularly creation from scratch of a wide Brazilian university network
- Developed a network within the organic chemistry scientific community in Europe, Canada, Brazil,
- Vice-director of the common laboratory on fluorine chemistry with Pr. Leroux in Strasbourg

MAIN INTERESTS

- Bioactive molecules: Fungicides, Heterocycles synthesis, functionalization, fluorine chemistry, organic chemistry of phosphorus, plant growth promoters, natural products, carbohydrates, biocontrol and biostimulants, plant defense stimulators metabolism.

PROFESSIONAL EXPERIENCES

- 2019-2023 PAST ENSC Montpellier (full-time professor), delegate industrial relationships
- 2013-2019, member of the Bayer Science Fellows (= expert group)
- Since 06/2002 Research Group Leader, Bayer CropScience in CRLD, Lyon
- 04/1985 - 05/2002, Lab leader in Agrochemistry Lyon (Rhône-Poulenc Agro, Aventis Crop Science, Bayer CropScience)
- 01/1982 - 03/1985, Junior Lab Leader in MedChem (Rhône-Poulenc)
- International experiences in the US (1 year) and in Japan (3 months) in the 90's

SCIENTIFIC DELIVERY

- Industrial supervisor of 49 PhDs and post-docs
- 75 publications and 100 patents
- More than 20 presentations in conferences and 40 lectures in universities in the last 10 years
- Major contribution in the discovery of fungicide fluopyram.
- Significant contribution in the discovery of fungicide isoflucypram.
- Project Leader or significant contribution in 4 projects stopped in advanced phases and in other numerous research projects

AWARD

- Organic Chemistry Division Industrial prize 2007, French Chemical Society
- Bayer best publication with universities, 2016, in collaboration with Pr. F. Leroux, Strasbourg

EDUCATION

- 09/1977 - 01/1981 PhD in Chemistry in Pr. Christol Laboratory, Phosphorous organic chemistry compounds, Montpellier University
- 09/1974 - 09/1977, Montpellier National School of Chemistry

LANGUAGES

- French, English: fluent
- German, Spanish, Italian: basics