

## Curriculum Vitae

### Name:

Dr. Marc LITAUDON



### Position & current employment:

Natural Product Chemist

Research Engineer at CNRS

### Address:

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### Education

**1982:** Doctor degree in Pharmacy Sciences, Faculty of Pharmacy, University Paris-Sud.

**1982:** Resident in Pharmacy, Paris ("Interne des Hôpitaux de Paris").

**1985:** Master degree in "Pharmacology-chemistry", Faculty of Pharmacy, University Paris-Sud.

**1990:** Master degree in Pharmacokinetic, Faculty of medicine, Paris V

**1991:** PhD in Pharmaceutical Sciences, Faculty of Pharmacy, University Paris-Sud under the supervision of Dr. M. Guyot and Prof. P. Potier (CNRS): "Contribution to the Chemical, Biological and Taxonomical Study of Natural Products from Marine Organisms".

**2005:** HDR: "Habilitation à Diriger des Recherches"

### Professional experience

**1982-1986 and 1988-1989: Resident in Pharmacy, various hospitals, Paris.**

Research experience in toxicology, pharmacokinetic (drugs against malaria, AIDS and CNS diseases), and clinical research.

**1986-1988: Researcher at Institut Pasteur, Tahiti, French Polynesia:**

Research on "ciguatera toxins" involved in Ciguatera fish poisoning.

**1991-1993: Postdoctoral fellow in the Marine Chemistry Department at University of Canterbury, Christchurch, New Zealand,** under the supervision of Dr M.H.G.Munro and J.W.Blunt

I was involved in research programs related to marine chemistry funded by Pharmamar, a biopharmaceutical company expert in the discovery of new molecules for oncology treatment from marine organisms. Patents were taken in USA, Japan and Europe on a chemical series having anticancer property (halichondrins).

**1994: Clinical Research Pharmacist: Institut Pasteur, Lille.** For a short period, I held a position aimed at set up clinical trials.

**1995-2001: Director of the Medicinal Plants Laboratory, CNRS, Nouméa, New Caledonia**

This Position was mainly devoted to organize field prospections on this large French overseas island, and to valorize the endemic flora on various domains (pharmacy, agro-chemistry and cosmetology), specifically toward local health problems (dengue disease, cattle tick, etc...).

**From 2001: Responsible of the "ICSN-Extract Library" at ICSN, the Institute for Natural Product Chemistry (ICSN), CNRS, Gif-sur-Yvette**

In charge of the management and scientific development of the "ICSN-Extract Library", and more specifically in the discovery of new leads from higher plants in relation with pharmaceutical and agrochemical industries. I am in charge of 2 Asian cooperations with University of Malaya (Malaysia) and Institute of Chemistry in Hanoi (VAST, Vietnam).

#### **Awards:**

**1991:** 1<sup>st</sup> award of pharmacognosy, faculty of Pharmacy, University of Paris Sud

**2016:** CNRS Crystal Medals

Author of over 200 publications in International scientific journals and 3 book chapters.

#### **Learned Societies or Academies**

Member of the Board of Directors of AFERP: Francophone Association for Education and Research in Pharmacognosy

Editor in chief of the review Phytochimie (ISTE OpenScience)

Editorial Board Member of the peer-reviewed open access journal "Natural Products and Bioprospecting", SpringerOpen

Editorial Board Member of Phytochemistry

Editorial Board Member of the journal "Science and Technology", VAST Vietnam

Permanent adviser at IFS: International Foundation for Science

Reviewer: Org Lett.; J. Nat. Prod.; Phytochemistry; J. Ethnopharmacol.; Tetrahedron Lett.; Biochem. Syst. Ecol.; Molecules; Planta Med.; Chem. Review; Phytochem Lett.; Eur. J. Org. Chem.