

CV of Rubén OCAMPO TORRES

Name : OCAMPO TORRES

First Name : Rubén

Age : 66 ans

Current position : Director of Research at the CNRS in Strasbourg (UMR 7515)

Professional experiences:

- PhD in Chemistry** – Porphyrins in the Messel oil shale: structural determination and organic geochemistry significance, University Louis Pasteur of Strasbourg 21.12.1985.
- Post-doctoral fellowship** – University Louis Pasteur of Strasbourg, - Strasbourg - (1986-88).
- Researcher at CNRS (French National Center for Scientific Research)**
 - Laboratory of organic chemistry of natural substances (UMR 7509 CNRS-ULP) – Strasbourg – from 01/03/1988 to 28/02/2015.
 - Institute of chemistry and processes for energy, environment and health (ICPEES, UMR 7515) - Strasbourg - from 01/03/2015.
- Holder of the Habilitation to Supervise Research (HDR) (Doctorat d'Etat) from December 1985.**
- Guest Investigator** - Woods Hole Oceanographic Institution, Marine Chemistry, Woods Hole, MA, U.S.A. (1994-1995).

Supervision and Valuation:

- Supervision of **10 PhD students** and of **15 DEA** and **MASTER 2** students.
- Co-author of **69 publications** in peer reviewed journals (organic chemistry / organic geochemistry / natural products / oceanography / plants and universe / environment).
- Co-author of: **10 book chapters** and **7 conference papers**.
- Co-author of **178 oral and poster presentations** at nationals or internationals conferences.

Current research themes:

- Research topic 1: **Etude, au niveau moléculaire, de pigments d'organismes photosynthétiques et leurs produits de dégradation dans les milieux sédimentaires, colonne d'eau, organismes vivants.**
- Research topic 2: **Sedimentary chlorophylls, pheophorbides, pheophytins, porphyrins as biomarkers of origin and paleoenvironment.**
- Research topic 3: **Study of samples obtained by drilling at the Chicxulub impact crater during the IOD expedition 364.**
- Research topic 4: **High molecular weight aromatic hydrocarbons in heavy crude oils and its potential participation to atmospheric pollution.**

Research management:

- Participation in 12 thesis juries** (5 times as external reporter)
- Reviewer of scientific articles** (Organic Geochemistry, Geochimica Cosmochimica Acta, Tetrahedron, Tetrahedron Letters,...).
- Member at the scientific council of the UMR 7509**, 1990-2009.
- Member at the scientific council of the Chemistry Faculty, University Louis Pasteur of Strasbourg** (2001-2003).

Teaching activities:

- Lectures of biomarkers in organic geochemistry in DEUG Sciences (Geosciences), University Louis Pasteur of Strasbourg (1991-1999).
- Lectures in organic geochemistry in DEA and Master 2 at **ECPM**, University of Strasbourg (2004-2007).