

Curriculum Vitae

Personal information Declan Byrne

Work experience

From July 2018: Scientific Officer at the Certification of Substances Division, EDQM (Strasbourg).

- Assessment of new CEP applications for chemical/fermentation substances, including drafting evaluation reports for internal and external collaborative review.

January 2014-June 2018: Scientific editor at the European Publications Department of EDQM (Strasbourg)

- Verification/drafting/editing of European Pharmacopoeial monographs and related scientific articles in Pharmeuropa Online

January 2001-March 2014: Scientific Officer at the Certification of Substances Division, EDQM (Strasbourg)

- Assessment of new CEP applications and revisions for chemical/fermentation substances, including drafting evaluation reports for internal and external collaborative review.

April 1999-January 2001: Postdoctoral researcher at Centre Nationale de la Recherche Scientifique (CNRS), Strasbourg

- Research in to the synthesis of novel molecules with liquid crystalline properties

April 1998-March 1999: Postdoctoral researcher at Ecole de Chimie, Polymères, et Matériaux (ECPM), Strasbourg

- Research into extraction/complexation of metal cations by novel calixarene phosphine oxides

Education and training

September 1994 to January 1998: Queen's University Belfast; Ph.D. in organic chemistry

- Organic synthesis, Spectroscopy (IR, UV, MS,NMR), Chromatography (HPLC, TLC), Crystallography

August 1993 to June 1994: Queen's University Belfast; B.Sc. in Science

- Organic/inorganic chemistry, industrial chemistry, drug synthesis

Additional information

Publications

A UV Visible Spectroscopic Study of Water-Soluble Conjugated Polyenes Prepared via the Ring-Opening Metathesis Polymerization Reaction; V. Amirebrahimi, D. Byrne, J.G. Hamilton, J.J. Rooney, Macromolecular Chemistry and Physics, 1995, 196, Iss 1, pp 327-342.

Extraction and Complexation of Alkali, Alkaline-Earth, and F-Element Cations by Calixaryl Phosphine Oxides; F. Arnaud-Neu, J.K. Browne, D. Byrne, D.J. Marrs, M.A. McKervey, P. O' Hagan, M.J. Schwing-Weill, A. Walker, Chemistry-A European Journal 1999, 5, Iss 1, pp 175-186.

Polybenzyl Ether Dendrimers for the Complexation of [60] Fullerenes; J.F. Eckert, D.Byrne, J.F. Nicoud, L.Oswald, J. F. Nierengarten, M. Numata, I. Atsushi, S. Shinkai and N. Armaroli, New J. Chem., 2000.

Projects

Memberships

Other Relevant Information