

Curriculum vitae

Personal record

Name: Paola B. Arimondo
Email address : paola@free.fr
Born: 15 April 1970, Reading, England
Nationality: Italian and English
Marital status: Married

Languages

Italian mother tongue, fluent in English, French and German, rudiments of Russian and Portuguese.

Education

I was born in England of Italian parents. I have lived in Italy, England, Poland, France, Germany, Canada and the USA. I was trained in Chemistry at the *University of Pisa, Italy*. In February 1995 I got my "Laurea in Chimica" degree, defending an experimental thesis started in Pisa and completed at the *University of Tübingen, Germany*, with a 3 months Erasmus scholarship. While preparing applications for PhD scholarships, I did an internship at the United Nations Environment Program (UNEP) in Geneva, working for the Basel convention on chemical wastes. In September 1995, with a 36 months individual EC-TMR (B20) Fellowship, I started my PhD in the *Laboratory of Biophysics, Muséum National d'Histoire Naturelle, Paris*, investigating DNA structures and their role in the control of gene expression. During this period I spent several months in the laboratory of Prof. Southern at the *Biochemistry Department, Oxford University*, in order to apply to my topic their oligonucleotide arrays. I obtained my *PhD degree in Biophysics* of the Natural History Museum of Paris in February 1999, and a *PhD degree in Chemistry* of the Scuola Normale Superiore, Pisa, in July 1999. I had found a new strategy that targets to a specific DNA site antitumor agents used in clinics. The potential therapeutical applications of this study brought me to the Laboratory of Antitumor Pharmacology of the Institut de Recherche sur le Cancer de Lille, where I validated my approach and determined the parameters governing its efficacy. To apply my strategy to other classes of antitumor agents, I went to the Laboratory of Pharmacological Chemistry, Curie Institute, Paris and synthesised new compounds based on the same strategy. In October 2001 I was appointed researcher at the CNRS, being classified first in the national competition. My research project consists in the application of my compounds *in vivo* and the demonstration of their therapeutical interest. The project is carried out under my supervision with several BTS students, one PhD student and one post-doctoral fellow. In order to test their use as therapeutic agents, I collaborate with several European and American Research Laboratories, and two pharmaceutical companies, in France and Italy. A patent has been requested on this new antitumor strategy, for which also American pharmaceutical companies have expressed great interest.

Qualifications

Doctorate of the *Scuola Normale Superiore* of Pisa (Italy) in Chemistry

On July, 19 1999 with "70/70 Magna cum Laude"

Doctorate of Biophysics of the *Muséum National d'Histoire Naturelle*, Paris (France)

On February 8 1999 with "mention très honorable avec félicitations du jury"

Laurea in Chimica (1989-1994) at the University of Pisa (Italy)

Graduated on February 2 1995 with 110/110 Magna cum Laude

Two awards "Premio di Studio" in 1991 and 1993 of EniChem (Agip).

Publications

27 articles, 3 reviews for a broad readership, 1 chapter of a book, 3 thesis, 3 oral communications, 12 poster communications, 4 lectures.