



Curriculum Vitae

Personal information Gianluca Ferrigno

Work experience

From 13/12/2010 – current date

Chemical and technical officer
Italian Customs and Monopolies Agency – Anti-fraud Bureau and Chemical Laboratory

- Validation of analytical methods according to the UNI CEI EN ISO/IEC 17025 standard
- Qualitative-quantitative analysis of industrial products (pharmaceutical, petroleum, and food) by means of the main instrumental analytical techniques (HPLC, LC-MS, GC-MS, GC-FID) and bioanalytical tests
- Technical consultant for drug substance analysis
- Chemical and sensorial analysis of olive oils as a member of the Panel Commission
- Responsible of the Prevention and Protection Service (according to Italian law)

From 01/06/2009 – to 10/12/2010 Freelance Consultant

Italian National Institute of Health, Rome – Health and technology department

- Chemical consultant for the National Radon Plan
- Development and validation of new analytical methods
- Collection, interpretation and synthesis of scientific data

From 01/09/2006 – to 30/06/2009 Laboratory chemical manager

Telecom Italia S.p.a.- Healty, safety and environmental protection department

- Chemical and technician in charge of prevention and protection laboratory
- Measurements and assessment of exposure to electromagnetic fields, noise and natural radionuclides

Education and training

From 01/11/2021– to 18/12/2024 PhD in Pharmaceutical Sciences

Department of Pharmaceutical Chemistry and Technology - "Sapienza" University, Rome (Italy)

- Scientific research activities in pharmaceutical and food chemistry, with emphasis on the detection of elemental impurities in pharmaceutical raw materials and finished products according to ICH guidelines
- Analytical method development for the quality control of pharmaceutical product
- Academic tutor for curricular internships and co-supervisor of numerous experimental dissertation

27/07/2020 Professional qualification of Pharmacist
"Sapienza" University of Rome, Rome (Italy)

23/11/2018 Professional qualification of Chemist
"Sapienza" University of Rome, Rome (Italy)

From 11/2012– to 07/2018 Master's degree in Pharmaceutical Chemistry and Technology
"Sapienza" University, Rome (Italy)

- Pharmaceutical chemistry
- Assays of pharmaceutical products
- Biological methods of analysis
- Pharmacology

From 11/2010 – to 07/2012 Degree in Chemistry
"Sapienza" University, Rome (Italy)

- Analytical chemistry

Additional information

Publications

S. Ubaldi, C. Di Bari, M. Quintero, A. De Rosa, M. Mazzaro, G. Ferrigno, D. Secci, P. Russo
"Suppression capacity and environmental impact of three extinguishing agents for Lithium-ion Battery fires" Case Study in Chemica and Environmental Engineering 2024

S. Ubaldi, C. Di Bari, M. Quintero, A. De Rosa, M. Mazzaro, G. Ferrigno, F. Arrighi, D. Secci, P. Russo
"A comparative study on the suppression capacity and the environmental impact of different extinguishing agents of lithium-ion battery fires" Proceedings of the Tenth International Seminar on Fire and Explosion Hazards, 22-27 May 2022, Oslo, Norway

C. Carpentieri, Z. S. Zunic, V. Carelli, C. Cordedda, G. Ferrigno, N. Veselinovic, P. Bossew, T. Tollefsen, O. Cuknic, Z. Vojinovic, F. Boicichio
"Assessment of long-term radon concentration measurement precision in field conditions (Serbian Schools)" Radiation Protection Dosimetry 2011

V.Carelli; V.Bianco; C.Cordedda; G.Ferrigno; C.Carpentieri; F.Bochicchio
"A national survey on radon concentration in underground inspection rooms and in buildings of a telephone company" Radiation Measurements 2009
G. Ferrigno
"Radiazione, ambiente e salute: l'oikos umano" ISBN 978-88-7447-815-6

[Projects](#)

[Memberships](#)

[Other Relevant Information](#)