



Emanuele Boero

Official

Email: _____ Phone:

Nationality:

WORK EXPERIENCE

[01/02/2023]

R&D and Business Development Director

Huvepharma

City: Garessio (CN)

Country: Italy

Overview: I am responsible for both commercial and technological development of the company. My duties include creating new business segments and acquiring new clients for both the development of pharmaceutical chemical processes and contract manufacturing. Directly reporting to me are the functions of Research and Development, Regulatory Affairs, HSE (Health, Safety, and Environment), and ITC (Information and Technology Communications).

Key Achievements:

- Innovative Antibiotic Process Development: Successfully developed a complete new process for the production of innovative antibiotics.
- GMP Pilot Line Realization: Established a GMP pilot line for the validation and small-scale production of active pharmaceutical ingredients in clinical phases.
- Technological Advancement: Introduced preparative chromatography into the company's processes.
- New Business Agreements: Negotiated and secured process development agreements for contract manufacturing with new customers.

[12/05/2019 – 01/02/2023]

Site Director

Huvepharma Italia s.r.l.

City: Garessio (CN)

Country: Italy

Overview: Leading an establishment operating as a CDMO for the development and manufacturing of active drug substances by chemical synthesis, food fragrances, and food additives. Managing approximately 150 employees.

- Manufacturing, Supply Chain and Logistics.
- Quality (QC and QA), Local Regulatory Affairs, HSE, Engineering, Maintenance, ITC, and Process Control.

Site Certification ISO 14001, ISO 45001, FSSC 22000

Key Achievements:

- Successful introduction of new drug substances, innovative food supplements, and key GMP intermediates, as well as cosmetic substances into the company's portfolio (from R&D to validation and approval).
- Project management (capital approx. €4M) from basic engineering to installation and qualification of a new production line dedicated to cosmetic substances.
- Management of subsidized loan projects with MISE and the Piedmont Region in collaboration with the University of Turin.
- Renewal of Integrated Environmental Authorization (IEA - IPPC) with complex interactions with Local Environmental Authorities (ARPA).
- Implementation of new KPIs for manufacturing and maintenance performance (OpEx).

[31/03/2017 – 11/05/2019]

Cluster Quality Director

Sicor s.r.l (gruppo TEVA PHARMACEUTICALS)

City: Santhià (VC)

Country: Italy

Overview: Reporting to the API Global Quality SVP, I led the quality teams (QA and QC) of two API Italian sites (total c.a. 65 employees in my teams)

Santhià (VC) producing highly potent APIs, and Bulciago (LC) producing large volumes APIs
Qualified Person for Santhià site

Key Achievements:

- Quality Remediation and Compliance Plan in Santhià site (project budget c.a. €3M)
- Reconstruction of the quality team (QA, QC) hiring > 20 FTEs
- Successfully passed FDA inspection Sept. 2017
- Successfully passed AIFA inspection Dec. 2018

[31/08/2013 – 28/03/2017]

Site Quality and HSE Head

Sanofi S.p.A. e Huvepharma Italia s.r.l.

City: Garessio

Country: Italy

Overview: Responsible for the Quality and HSE of the establishment manufacturing active pharmaceutical ingredients. Head of the Quality Operation unit: Quality Assurance, Quality Control, Analytical Development, GMP subcontractors, as well as Regulatory Affairs

Certified as external GMP auditor for Sanofi, conduction quality audit as lead and co-auditor on behalf of Sanofi in Europe and China.

Additional responsibility : Site HSE Manager since Feb 2015

responsible for the Seveso Law Management System (MS), Environmental MS (ISO14001), Work Safety MS (OHSAS18001)

Certified as third part auditor according to ISO 19011:2011

Key Achievements:

- FDA and AIFA inspections passed with very positive outcome
- Complex management of site property changeover

[31/07/2005 – 30/08/2013]

Production manager

Sanofi S.p.A.

City: Garessio (CN)

Country: Italy

Overview: Management of multi-purpose chemical-pharmaceutical production units, personnel management, cost budget management and investment planning. Reporting to the site Director.

I coordinated, as project manager of international teams the repatriation, transfer, industrialization of APIs and intermediates into the site.

[01/02/2004 – 30/08/2005]

Quality Control Manager

Sanofi S.p.A.

City: Garessio (CN)

Country: Italy

GMP Quality Control lab manager, analytical development and validation (c.a. 15 FTEs)

[14/01/2003 – 30/01/2004]

Strategic Development Manager

3V Sigma S.p.A.

City: Bergamo

Country: Italy

Reporting directly to the company CEO of the this fine chemicals industry, I was responsible for strategic projects such as projects for the integration of two fine chemicals production sites, strategic marketing research, identification and evaluation of key raw materials suppliers

[28/02/2002 – 13/01/2003]

Senior Scientist in Strategic Technologies (ChemDev)

GSK

City: Dartford

Country: United Kingdom

Researcher in the strategic technologies department (pharmaceutical process development) Particle Engineering Group with responsibility for the development of new technologies and design of pilot plants for crystallization, isolation, drying of active pharmaceutical substances.

[30/09/2000 – 27/02/2002] **GMP line supervisor**
Aventis Bulk S.p.A
City: Garessio
Country: Italy
Supervisor of one multipurpose production unit

[23/04/1995 – 24/07/1996] **Navy Officer**
Marina Militare
City: Genova
Country: Italy
I served as an officer in Italian Cost Guard (Safety of Life at Sea Inspector) during my mandatory military service

[01/01/1997 – 29/09/2000] **MS&T scientist**
Aventis S.p.A.
City: Garessio (CN)
Country: Italy
Troubleshooting, development and improvement of chemical-pharmaceutical processes

EDUCATION AND TRAINING

[31/01/2001 – 30/03/2003] **Master of II level in Business Administration MBA**
Sponsor Regione Emilia Romagna - Profingest (now Bologna Business School)
Country: Italy

[30/09/1987 – 04/02/1995] **Laurea cum laude in Industrial Chemistry**
Università di Genova
City: Genova
Country: Italy

[31/12/2010 – 31/12/2011] **Free exams in Pharmacy to qualify as QP**
Università di Parma
City: Parma
Country: Italy
ai fini di ottenere il riconoscimento come Persona Qualificata

[01/09/2012 – 15/09/2012] **LEAN Production expert**
Lean Accademy - Sanofi
City: Compiègne
Country: France

[15/02/2013 – 28/02/2013] **Safety for leaders**
CEDEP
City: Fontainebleau
Country: France

[01/01/2010 – 31/12/2010] **training Interpersonal relation skills for managers**
SDA Bocconi

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING B2 READING C1 WRITING A2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Spanish

LISTENING B2 READING C1 WRITING A2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office

PUBLICATIONS

[1998]

Liquid Crystalline Polymer Gels: Preparation and Swelling Behavior of Cellulose-based Networks

Reference: Polymers for Advanced Technologies

sdas

LECTURES AND TUTORSHIP

[10/05/2021 – 12/05/2021]

ISPROCHEM 2021 International School of Process Chemistry

Webinar "An industrial process for the synthesis of Artemisinin"

[27/05/2022]

UNIMI - MASTER IN PROCESS CHEMISTRY

Case History : Artemisinin

[31/05/2022 – 01/06/2022]

UNIMORE - Seminar

Investments, costs and profitability: the economic-financial aspect in the development, industrialization and production of pharmaceutical substances.

[23/09/2022 – 30/04/2023]

UNIMORE - Master in Biopharmaceuticals

DEVELOPMENT, MANUFACTURING AND AUTHORIZATION OF BIOPHARMACEUTICALS

Link: <https://www.masterbiopharmaceuticals.unimore.it/>

[01/11/2019 – 30/10/2022]

Tutor of 4 PhD students

Doctoral School of the University of Torino

Project Green Chemistry : New unconventional processes to improve production efficiency of APIs

full tutorship of 2 students: PhD in Chemical and Materials Sciences

Department of Chemistry and Technologies

full tutorship of 2 students: PhD in Pharmaceutical and Biomolecular Science

Department of Drug Science and Technology