

JORDI BELLOC PASCUAL

Personal Data

- Born date:
- e-mail :
- LinkedIn profile : <http://es.linkedin.com/in/jbelloc>

Carrier Objective

Multidisciplinary knowledge of cosmetic, laundry detergents and pharmaceutical industries, with extensive experience in business development, technological resources management and application of Analytical Sciences to Quality Control and Research.

Preferred fields of knowledge:

My early research experience encompassed the development of advanced NMR experiments (1D and 2D), the analysis of heteronuclear couplings and selectivity in NMR methodologies, as well as the application of organic and inorganic chemical synthesis to pharmaceutical inhibitors and functionalization strategies for organic compounds. Later I developed the following skills:

Analytical Chemistry	<i>Applied to Cosmetics and Laundry products Applied to Pharmaceutical Development</i>
Drug Discovery	<i>Physicochemical Characterization of Drug Candidates, Impurity profiling of Pharmaceuticals, Analytical ADME support and metabolite structure determination, Bioanalysis.</i>
Pharmaceutical Development.	<i>Chromatographic method development and validation, Solid State and Preformulation studies Formulation Development</i>
Business Development	<i>Experience in advanced marketing and key account management activities. Sales experience and skills in relation development for current and prospective customers. Strategic Alliance Management</i>
Management	<i>Extensive experience in comprehensive management of human and technological resources in a laboratory.</i>

Carrier Overview

Oct 2014 - Head of Analytical Laboratory at Grupo AC MARCA.

Head of the Analytical department at Grupo AC MARCA, providing services to Research and Development areas and Quality Control department in the fields of physicochemical characterization, purity analysis and biocides stability dossier elaboration. The laboratory obtained a GLP certification back in 2017.

Sept 2012- Sept 2014 Strategic Alliance Manager at HARLAN Laboratories, S.A.

I joined Harlan's Strategic Alliance Group, as a manager for Spain accounts.

As a strategic Alliance manager I provided the essential link between the client and the scientific and expert teams working on their behalf.

Mar 2012- Sept. 2012 Marketing Manager at Docuchem

I joined Docuchem to reinforce the services division, as a Marketing Manager. I took the coordination of the the services center in Girona. Together with the plant and the Public Testing Laboratory in Navi Mumbai and an R&D site in Thane, supporting the following areas of services that we deliver on contract basis: Analytical R&D, Method Development, Analytical Validation, Stability Studies, Formulation Development.

Nov 2011 – Mar 2012: Independent Consultant.

I started to provide consultation services to pharmaceutical companies.

Nov 2010 – Nov 2011 SeRMN (NMR service). Universitat de Bellaterra

I recovered my relationship with the NMR service department at Universitat Autònoma de Bellaterra to continue with some unfinished research.

Jan 2007 – Nov 2010: Head of Discovery Analytics at PalauPharma, S.A.

PalauPharma started operations in December 2006 as a spin-out of Grupo Uriach's R&D Unit with the capitalization of external investors. I was promoted as a head of the recently created Discovery Analytics Department leading a group of six people. We conducted characterization of drug candidates, elaborating drug profiles of the new chemical entities, including physicochemical determinations, polymorphism studies, impurity profiling, stress/stability studies, developing of new stability indicating chromatographic methods and all the needed analytical tests to ensure purity and quality of the compounds. During that time I reported directly to the head of Drug Discovery Unit.

Feb 2000 – Jan 2007: Head of the Physicochemical & Structural Department. Analytical R&D Unity. Grupo Uriach

Coordination of all the analytical resources of the medicinal chemistry department providing analytical services to Grupo Uriach and working closely with the Control Quality department, Pharmaceutical development and Urquima (raw materials factory). I specialized in instrumentation analysis techniques, liquid chromatography-mass spectrometry, gas chromatography-mass spectrometry, and nuclear magnetic resonance, applied to first stages of Drug Discovery processes, including medicinal chemistry support and ADME.

Apr 1992 – Feb 2000: *Analytical Section coordinator*

Organic Chemistry Department Laboratorios Uriach.

Responsible of the analytical section devoted to organic analysis. During this period I supervised the acquisition of new instrumentation, including several LC-MS and a whole NMR system. The main task was the analytical support to organic chemists, establishing the integrity and purity of new compounds, impurity isolation and conducting preliminary chemical stability tests and preformulation studies, reporting to the Head of Organic Chemistry Department.

Sep 1990 – Apr 1992: *Organic Chemist.*

Organic Chemistry Department Laboratorios Uriach

I began working in Laboratorios Uriach as Organic Chemist. Under the direct supervision of the Head of the department I conducted complete organic synthesis projects of new chemical entities.

Education

- I. Universitat de Barcelona (1982-1987). Bachelor of Science, Chemistry (Organic Chemistry)
- II. ICE. Universitat Politècnica de Catalunya (1987). Pedagogical Certificate.
- III. Universitat de Barcelona. "Tesi de licenciatura" (1989-1990): "Bis(tert-butylsulfonyl)acetylene as a general synthetic equivalent of alkynes in diels-alder chemistry" Advisors: Drs. Miquel Àngel Pericàs and Albert Moyano.
- IV. Universitat Autònoma de Bellaterra. Experimental Master Degree. (2000): "Applying Modern NMR Method Based in Pulsed Field Gradients to Drug Discovery": Advisor: Dr.T. Parella. Servei de Resonància de la UAB.
- V. Universitat Autònoma de Bellaterra. PhD Thesis (ongoing). Advisor: Dr. T. Parella. Servicio de Resonancia de la UAB

Scientific Publications

15 publications in leading international scientific journals. Example publication:

1. Almansa C., Bartroli J., Belloc J.

New water-soluble sulfonylphosphoramidic acid derivatives of the COX-2 selective inhibitor cimicoxib. A novel approach to sulfonamide prodrugs

J Med Chem. 47:5579-82. (2004)

Comprehensive list of publications at :

<https://www.dropbox.com/s/xng06i8k0rxz2gr/Publicacions%202012.pdf?dl=0>

Selected Lectures and Presentations

Throughout my career I have attended many international conferences and seminars and *I have participated in specialized courses as a teacher*, I quote some of them:

- 1.- T. Parella, J.. Belloc, A. Virgili, F. Sánchez-Ferrando
Improved sensitivity in Heteronuclear Gradient-Based 1D experiments. (poster)
European Experimental NMR Conference (EENC).
Bled (Slovenia) March 1998.
- 2.-"Impurezas y Substancias de Degradación en principios activos y productos farmacéuticos",
Programa superior de formación farmacéutica.
Formación continuada Palau de les Heures. December 2002. (Course given as a teacher)
- 3.- "Caracterización de Impurezas en fármacos" Bruker User's Meeting. May, 2003
(Invited speaker conference).
- 4.- "Screening fisicoquímico. Primeras etapas del descubrimiento de fármacos"
Tendencias actuales en HPLC y MS en la Industria Farmacéutica.
Waters. Barcelona / Madrid. October 2003. (Invited speaker conference)
- 5.- J.Belloc, T. Parella Heteronuclear Cross Polarization.
II Reunión Bial del Grupo Especializado de RMN de la RSEQ en Santiago de Compostela. September 2004 (Invited speaker conference).
- 6.- "Impact of Mass Spectrometry in modern Drug Discovery" Jornadas de Instrumentación Waters en Madrid. November 2009 (Invited speaker conference)

Transferable Skills

Technical: Valuable crossover skills. Acquainted with most of the instruments and techniques used today in industrial environments (Cosmetics and Laundry detergents, Physicochemical and Structural Analytical Chemistry, ADME, DMPK, Pharmaceutical Development ...). Specially trained skills in modern LC-MS and highly specialized knowledge of Nuclear Magnetic Resonance.

Regulations: Knowledge of GLP standards, Quality Assurance compliance, ICH guidelines.

Management: Familiar with the administrative, organization, investment, coordination, outsourcing and project management tasks required in a pharmaceutical company. have collaborated on several projects that have successfully led new drug candidates to the market.

IT: Knowledge and practice of usual hardware and scientific software (Activity Base, ECM (Agilent), Electronic Notebooks...), local networks configuration and databases administration. Experience using Internet resources.

Leadership: Intuitive and balanced management skills, enriched with various courses and training sessions of people management (coaching, leadership)