

## Curriculum Vitae

### Personal information

**ALEJANDRO BLASCO BARBERO**

### Work experience

- Head of Pharmacy store, Morón Air Base, Seville, Spain. Spanish Ministry of Defence (July 2015-May 2016).
- Student of Military Industrial Pharmacy and galenic Specialist, Madrid Spain. Spanish Ministry of Defence (June 2016-July 2018).
- Sterile medicine manufacturing leader, Centro Militar Farmacia de la Defensa, Colmenar Viejo, Madrid, Spain. Spanish Ministry of Defence (July 2018- up to now)

### Education and training

- Degree in Pharmacy. College of Seville, Spain. (2013).
- Pharmacy and Pharmaceutical Technology Master. Complutense College of Madrid and Alcalá College of Madrid, Spain. (2017).
- Military Industrial Pharmacy and galenic Specialist. Spanish Ministry of Defence. (2018).
- College expert in health resources management. San Antonio Catholic College, Murcia, Spain. (2018)
- PhD in Pharmacy, "development of new galenic Loperamide and azithromycin formulations. Alcalá College of Madrid, Spain. (2021).

### Additional information

#### Publications

- Book: Blood bank: Basic aspects in the primary fractionation of blood components. Publishing house: Vivelibro. Authors: Álvaro Blasco Barbero, Alejandro Blasco Barbero, Rafael Francisco Blasco Ferrándiz. 2018. ISBN: 978-84-17392-33-8.
- Book: Pharmaceutical Quality Management. Publishing house: Vivelibro Authors: Álvaro Blasco Barbero, Alejandro Blasco Barbero, Rafael Francisco Blasco Ferrándiz.: 2018. ISBN: 978-84-17286-84-2.
- Book: Topical Hemostatic agents in prehospital tactical settings. A brief review. Publishing house: Vivelibro. Authors: Alejandro Blasco Barbero, Álvaro Blasco Barbero. Año de publicación: 2018. ISBN: ISBN 978-84-17689-05-6.
- Article: Juberías Sánchez A., López Mojares LM., Crespo Montejó D., Méndez López V., Blasco Barbero A. Study of prototypes of pharmaceutical formulations of hydration solutions for situations of dry stress. Sanid. mil. 2019; 75 (1): 73-79, ISSN: 1887-8571
- Article: Alejandro, B.; Guillermo, T.; Ángeles, P.M. Formulation and Evaluation of Loperamide HCl Oro Dispersible Tablets. Pharmaceuticals 2020, 13, 100. <https://doi.org/10.3390/ph13050100>
- Article: Cosmetovigilance: A brief review. Boletín Interactivo de Farmacia Militar nº2 (2017), Academia Central de la Defensa. ISSN 2530-0903.
- Article: Main aspects of 21 st century Validation in the pharmaceutical industry. Boletín Interactivo de Farmacia Militar. Nº1 (2018). ISSN: 2530-0903.
- Article: Microparticles and nanoparticles for cutaneous administration. Boletín Interactivo de Farmacia Militar. Nº2 (2018). ISSN: 2530-0903.
- Publication: polymorphism : ganciclovir. Boletín Interactivo de Farmacia Militar Boletín Interactivo de Farmacia Militar. Nº1 (2019). ISSN: 2530-0903
- Publication: Proposal for a new pharmaceutical form based on orodispersible tablets for therapeutic optimization and treatment of non-specific acute diarrhea in the operating area. Blasco Barbero, Alejandro; Peña Fernández, Ángeles; Torrado, Guillermo. An. R. Acad. Nac. Farm. (Internet) ; 89(1): 53-95, Enero-Marzo 2023.
- Book: Drug design through artificial intelligence. Publishing house: Independently published. Authors: Álvaro Blasco Barbero, Alejandro Blasco Barbero, Rafael Francisco Blasco Ferrándiz. 2023. ISBN-13: 979-8386205287.
- Article: The pharmaceutical profession facing the challenge of artificial intelligence. El farmacéutico: profesión y cultura, ISSN 0213-7283, Nº. 624. September 2023.
- Book: Pharmaceutical logistics: management of health resources. Publishing house: Independently published. Authors: Álvaro Blasco Barbero, Alejandro Blasco Barbero, Rafael Francisco Blasco Ferrándiz. 2023. ISBN-13: 979-8858989769.
- Book: Pharmaceutical Quality Management manual. Publishing house: Independently published. Authors: Álvaro Blasco Barbero, Alejandro Blasco Barbero, Rafael Francisco Blasco Ferrándiz. 2024. ISBN-13:979-8873617913.

#### Projects

#### Memberships

- CINFA award (2022). National Royal Academy of Pharmacy, Spain. "Propuesta de una nueva forma farmacéutica basada en comprimidos bucodispersables para optimización terapéutica y el tratamiento de la diarrea aguda inespecífica en zona de operaciones"/ Proposal of a new pharmaceutical form based on orodispersible tablets for therapeutic optimization and treatment of acute nonspecific diarrhea in military operations. Authors: Alejandro Blasco Barbero, Guillermo Torrado Durán, M<sup>a</sup> Ángeles Peña Fernández.
- María Cascales Angosto award (2022). Academy of Pharmacy Santa María de España de la Región de Murcia. "Formulación y evaluación de comprimidos dispersables de Loperamida HCl Oro" / Formulation and evaluation of Loperamide HCl orodispersible tablets. Authors: Alejandro Blasco Barbero, Guillermo Torrado Durán, M<sup>a</sup> Ángeles Peña Fernández.

- Balmis Operation Commemorative Medal. (2021).
- Honorary mention.(2021).
- Honorary mention. ( 2022).
- United Nations Medal (FINUL) (2023).

## Other Relevant Information

- Teaching: Associate professor in Escuela Militar de Sanidad. Ministerio Defensa. Ministry of Defence, Spain.
- Teaching: Falsified medicines, Santa María de España de la Región de Murcia Pharmacy Academy. October-November 2018 (10 credits of continued training; 5.2 credits Training Commission for Health Professions of the Region of Murcia).
- Lecturer: Drug prevention and control subject. College chair Almirante Don Juan de Borbón. Complutense Collage, Madrid, Spain. 2019-2021.
- Course: Join care of constipation (2,4 credits of continued training).
- Course: Pharmacy store probiotic management, Module I (0,7 credits of continued training).
- Course: Pharmacy store probiotic management, Module II (0,7 credits of continued training).
- Course: health education (11,4 credits of continued training).
- Course: Stock management in a Pharmacy store.
- Course: product cross-selling in Pharmacy store.
- Course: erectile dysfunction and associated pathologies, 1st Ed" (7,4 credits of continued training).
- Course: Empowerment and development of professional skills in a Pharmacy store.
- Course: erectile dysfunction, testosterone deficit syndrome and comorbidities 2nd Ed (2,7 credits of continued training).
- Course: Radiopharmacy seminary: new technetium radiopharmaceuticals (1,4 credits of continued training).
- Course radiopharmaceuticals of technetium (3,9 credits of continued training).
- Course: General course of radiopharmaceuticals (6,4 credits of continued training).
- Course: radiopharmaceutical management (3,6 credits of continued training).
- Course: leadership in Radiopharmacy seminary (4,6 credits of continued training).
- Course: "fluorinated radiopharmaceuticals (4,8 credits of continued training).
- Course: "seminario Advances in Radiopharmacy: Radiopharmacy-teragnosis. (1,2 credits of continued training).
- Course: Pharmacokinetics-Radiopharmacokinetics (4,2 credits of continued training).
- Course: voice pathologies (3,2 credits of continued training).
- Course: gynecological health 1st Ed (6,2 credits of continued training).
- Course: Nutritional intervention in the most common clinical situations in the elderly (4,2 credits of continued training).
- Course: Basic aspects in the development of nanomedicines (2,9 credits of continued training).
- Course: Pharmacology and pharmacotherapy module (12,1 credits of continued training).
- Course: pharmaceutical care for chronic patients dyslipidemias-asthma/COPD (4,8 credits of continued training).
- Course: Basic life support and semi-automatic defibrillation (2,8 credits of continued training).
- Course: Basic life support and semi-automatic defibrillation instructor.
- Course: XIII Ed. pharmaceutical care in minor síndromes (6,2 credits of continued training). (2016).
- Course: Pharmaceuticals advances (1,2 credits of continued training). (2016).
- Course: Pharmaceutical Care. Nail and hair pathology (1,6 credits of continued training) (2016).
- Course: introduction to Nuclear, Biological, Chemical and Radiological risk (NBQR). (2017).
- Course: Pharmaceuticals advances (1,2 credits of continued training). (2017).
- Course: Pharmaceutical Quality Management (5,4 credits of continued training; 9 European Credit Transfer System) (2017).
- Course: Good Distribution Practices Buenas Pr (8 European Credit Transfer System) (2018).
- Course: Quality by design QbD3rd Ed. Complutense College, Madrid, Spain..(2018).
- Course: Resources and Health Products management (16 credits of continued training). (2018)
- Course: Pharmaceuticals advances (1,8 credits of continued training). (2018)
- Course: Cleaning Validation (2018).
- Course: Military Pharmacy in Hemotherapy (12 credits of continued training). (2019), Ministry of Defence, Spain.
- Course: Pharmaceutical Lean methodology (5 credits of continued training) (2020). Ministry of Defence, Spain.
- Seminary: quality audits (3 créditos ECTS) (2021).
- Course: NBQ risk XII Ed. (10 credits of continued training) (2021). Ministry of Defence, Spain.
- Course: Pharmaceutical Quality Management (2021). Ministry of Defence, Spain.
- Course: Health Resources Management 3rd ED (2021). Ministry of Defence, Spain.
- Course: Open LMS teacher oriented (advanced level) + Good Practices in tutoring. (2023). Ministry of Defence, Spain.