



## Curriculum Vitae

Personal information **Alicia Beteta López**

### Work experience

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Medical Specialist in Clinical Microbiology and Infectious Diseases Servicio de Salud de Castilla La Mancha (SESCAM)

[ 01/12/2006 – Current ] City: Talavera de la Reina Country: Spain

I work in a Spanish public general hospital in the field of Microbiology and Infectious Diseases. I am the Head of Clinical Microbiology's Department. We provide services to aid the diagnosis and management of infectious diseases and help ensure the safety of those at risk of acquiring infectious diseases, both in hospitals and the community. We also provide advice regarding the interpretation of results and the appropriateness of further investigations and antibiotic treatment. I have a hands-on role supervising the running of the diagnostic laboratory, and ensuring the delivery of prompt and accurate test results for patients. In cases where antimicrobial drugs are required, I provide advice concerning the choice of such drugs and the duration of treatment. I am also part of a multidisciplinary team who play a key role in controlling the spread of infectious diseases. I work with hospital infection control teams to reduce the spread of infections in hospitals. I also contribute to the protection of public health by monitoring the patterns of infectious diseases and reporting new or unusual occurrences of infections, resistances of microorganisms, etc. By last, I work with a broad list of laboratory tests, for routine patient care and for the detection and diagnosis of a wide array of diseases in the disciplines of clinical chemistry, blood transfusion, serology, microbiology, mycology, parasitology and haematology. I evaluate each in vitro diagnostic test offered by laboratories and compare with each other, taking into account the test category and purpose, the assay format, the specimen type, as well as health care facility level for most appropriate use. Finally, I have to decide which test fits our needs better.

Associate Professor Doctor Castilla La Mancha University [ 20/11/2019 – Current ] City: Toledo Country: Spain

I am a university professor in the Castilla La Mancha University. I belong to the Department of Medical Sciences. I teach different subjects in several degrees. I also conduct original research and commonly teach undergraduate or postgraduate courses in my field of expertise. I direct and supervise graduate students conducting research for a thesis or dissertation.

Specialist in Clinical Microbiology Servicio Extremeño de Salud (SES) [ 19/08/2005 – 19/10/2006 ] City: Badajoz Country: Spain

During this year, I performed lab tests in the areas of bacteriology, mycology and parasitology. I identified bacteria, fungi, parasites and performed antibiotic susceptibilities. I gained experience with clinical laboratory procedures, examinations, and other tests pursuant to established protocols including maintaining equipment, records, and performing quality assurance activities related to examination procedures requiring the exercise of independent judgment and responsibilities.

Specialist in Clinical Microbiology and Parasitology Servicio Extremeño de Salud (SES) [ 19/07/2001 – 18/07/2005 ] City: Badajoz Country: Spain

During these four years, I did the training program of residents in Microbiology and Parasitology in Spain, which includes clinical skills, ranging from the diagnostic approach to the patient and adequate sample collection for diagnosis of infectious diseases to antimicrobial therapy and infection control measures. This training also included new challenges in clinical microbiology that ensured my participation in infection control programs of health-care associated infections, training in the resolution of public health problems, and application of new molecular microbiology methods

### Education and training

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Doctor in Medicine University of Extremadura [ 01/01/2002 – 20/05/2008 ] Address: Badajoz (Spain)

Medical Specialist Microbiology and Infectious Diseases Infanta Cristina Hospital [ 2001 – 2005 ]

Master in Infectious Diseases and Antimicrobial Treatment CEU Cardenal Herrera University [ 26/08/2017 – 26/08/2018 ] Address: Madrid (Spain)

### Additional information

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#### Publications

Staphylococcus saprophyticus causing native valve endocarditis. [2005] Scandinavian Journal of Infectious Diseases, 2005; 37: 690-704.

Cell surface hydrophobicity as an additional phenotypic criterion applied to differentiate strains of *Candida albicans* and *Candida dubliniensis*. [2008] Diagn Microbiol Infect Dis 2008; 60:129-131.

Disseminated disease by *Mycobacterium avium* in patient infected with HIV. A case report and review of the literature. [2009] Medcrit 2009; 6 (1): 46-53.

Cystitis and haematuria by *Corynebacterium striatum*. A case report and review of the scientific literature. [2009] Actas Urol Esp. 2009; 33 (8): 909-912.

Clinical Laboratory 3: Analysis of the Urine Samples. Chapter 17: Microbiological determinations in urine. [2011] Ed. LABCAM. P. 341-348.

Laboratory and Disease. Clinical Cases 4. Chapter 28: Human Papillomavirus Infection. [2012] Ed: Asociación Española de Biopatología Médica. Pág. 191-196

Microbiological study of semen and its involvement in sterility. [2012] Ed. Biopathology Spanish Medical Association. I.S.S.N.-1988-7477, p. 772-801.

Nodular lymphangitis by *Nocardia brasiliensis*. [2014] Arch. Argent. Dermatol. 2014; 64 (5): 196-199.

*Streptococcus suis* meningitis: an emergent zoonosis? [2018] Rev Lab Clin. 2018;11(2):104-111.

Recommendations for the care of patients with community-acquired pneumonia in the Emergency Department. [2018] Rev Esp Quimioter 2018; 31(2): 186-202.

### Projects

Participation in the validation of a new analytical method of the Operon laboratories for the study of serology in the diagnosis of celiac disease. [ 2004 – 2005 ]

Effect of vancomycin, linezolid, daptomycin and ceftaroline on *S. aureus* and *S. epidermidis* biofilms. [ 2013 – 2014 ]

Effect of amphotericin B, caspofungin, micafungin and anidulafungin on *Candida* biofilms. [ 2014 – 2015 ]

### Memberships

Spanish Society of Infectious Diseases and Clinical Microbiology (SEIMC) [ Spain, 2001 – Current ]

European Society of Clinical Microbiology and Infectious Diseases (ESCMID) [ Europe, Current ]

Society of Castilla La Mancha Clinical Microbiology (SOMICCAM) [ Spain, 2007 – Current ]

Comission of Infections and Antibiotic Policy Ntra. Sra. del Prado Hospital General. [ Talavera de la Reina, Toledo., 2007 – Current ]

Network of Experts and Professionals in Emergencies, Study Group of Infections in Emergencies. REPU. [ Spain, 01/12/2016 – Current ]

Expert Group Sepsis Code Regional Network. [ Spain, 2017 – Current ]

Study group in Medical Mycology. GEMICOMED. [ Spain, 2019 – Current ]

Study group health care related infections. GEIRAS. [ Spain, 2019 – Current ]

Study Group of the Mechanisms of Action and Antimicrobial Resistance. GEMARA. [ Spain, 2019 – Current ]

Study Group Infection in Transplanted Patients. GESITRA. [ Spain, 2019 – Current ]

### Other Relevant Information