

# Jesús García Martínez

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## ● WORK EXPERIENCE

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05/01/2005 – CURRENT – Fuenlabrada, Spain  
**CLINICAL MICROBIOLOGIST** – FUENLABRADA UNIVERSITY HOSPITAL

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Microbiology laboratory management, coordination and organization.  
Serology department and mycology laboratory responsibility.  
Molecular microbiology technical supervision.  
Bacteriology department supervision.  
Supervision and coordination of the microbiological training programme for laboratory medicine internal residents.  
Human health and social work activities |

[http://www.madrid.org/cs/Satellite?language=es&pagename=HospitalFuenlabrada/Page/HFLA\\_home](http://www.madrid.org/cs/Satellite?language=es&pagename=HospitalFuenlabrada/Page/HFLA_home) |

Molino Street, 28942, Fuenlabrada, Spain

01/08/2004 – 31/12/2004  
**CLINICAL MICROBIOLOGIST** – SEGOVIA GENERAL HOSPITAL

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Microbiology laboratory management.  
Bacteriology department responsibility.  
Acid alcohol fast bacilli stains supervision  
Parasite detection responsibility.  
Co-supervision of the microbiology training programme for the laboratory medicine internal residents.  
Human health and social work activities | <http://www.saludcastillayleon.es/CASegovia/es> |

Miguel Servet Street, 40002, Segovia, Spain

17/07/2004 – 15/01/2005  
**CLINICAL MICROBIOLOGIST** – 12 OCTUBRE UNIVERSITY HOSPITAL

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Serological support to organ donors.  
Clinical microbiology internal residents support.  
Human health and social work activities |

[http://www.madrid.org/cs/Satellite?pagename=Hospital12Octubre/Page/H12O\\_home](http://www.madrid.org/cs/Satellite?pagename=Hospital12Octubre/Page/H12O_home) |

Cordoba Avenue, 28041, Madrid, Spain

## ● EDUCATION AND TRAINING

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01/09/2011 – 29/09/2012 – Valencia, Spain  
**MASTER IN BIOBANKING AND USE OF HUMAN BIOLOGICAL SAMPLES IN BIOMEDICAL RESEARCH.** – Catholic University of Valencia

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Human biomedical research actual trends.  
Ethical and legal aspects of biobanking.  
Basics processes in biobanking of human samples  
Biobanking management.  
EQF level 8

01/10/2001 – 01/06/2002 – Madrid, Spain  
**RESEARCH SUFFICIENCY. ADVANCED STUDIES DIPLOME.** – Complutense University School of Medicine.

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EQF level 7

Etiology, pathogenesis, epidemiology, treatment and microbiological diagnosis of infectious diseases affecting human and its application to the control of communicable diseases in both the community and hospital setting.

Organization and management of clinical microbiology services, coordination and alignment of activities to the needs, resources and healthcare demands.

Study and interpretation of the factors and relationships involved in the infectious diseases to organize, develop, innovate, coordinate and implement diagnosis, prevention and treatment methods.

Acquisition of skills and abilities to work in care, research and teaching teams in areas that integrate the field of clinical microbiology.

EQF level 7

Anatomy and histology.

Organic and inorganic chemistry and formulation

Biochemistry and chemical analysis

Botanic

Microbiology and parasitology

Physiopathology

Pharmacology

Nutrition

Toxicology

Laboratory diagnosis

Molecular biology

Legislation and deontology

EQF level 6

## ● LANGUAGE SKILLS

**Mother tongue(s):** SPANISH

**Other language(s):**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C2	C2	C1	C1
<b>FRENCH</b>	B2	C2	B1	B2	B2

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

## ● DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Power Point | Microsoft Office | Social Media | Zoom | Google Docs | Instagram | Google Drive | LinkedIn | Organizational and planning skills | Good listener and communicator | Reliability | Analytical skills | Microsoft Powerpoint | Decision-making | Team-work oriented

## ● PUBLICATIONS

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### Publications

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Capnocytophaga spp bacteremia in two cancer patients. *An Esp Pediatr* 2002; 57: 382-3.

Capnocytophaga spp bacteremia: report of two cases. *Enferm Infecc Microbiol Clin* 2003; 21: 168-9.

A report of three cases of imported histoplasmosis in our hospital. *Rev Iberoam Micol* 2003; 19: 204-7.

Effective treatment with voriconazole of a pulmonar fungoma by *Pseudallescheria boydii* in a patient with HIV infection and previous tuberculosis. *Rev Iberoam Micol* 2003; 20: 64-7.

Progressive pulmonary disease in a patient infected with HIV. *Enferm Infecc Microbiol Clin* 2003; 21: 459-60.

Molecular characterization of resistance to mupirocin in methicillin-susceptible and -resistant isolates of *Staphylococcus aureus* from nasal samples. *J Clin Microbiol* 2004; 42: 822-4.

*Chlamydia trachomatis* respiratory infection in infants. Clinical presentation and outcome of 18 cases. *An Pediatr (Barc)* 2004; 60: 349-53.

Prevalence of *Malassezia* spp in healthy pigs. *Mycoses* 2005; 48 17-20.

Epidemiology and clonality of methicillin-resistant and methicillin-susceptible *Staphylococcus aureus* bacteremia in a tertiary hospital in Spain. *Infect Control Hosp. Epidemiol* 2005; 26: 150-6.

Brain abscess by *Gemella haemolysans*. *Enferm Infecc Microbiol Clin*. 2005;23:385-6.

Mycological diagnosis of superficial fungal infections. *Actualizaciones en el laboratorio clínico*. 2006; 7: 1-12.

Real-time PCR, immunofluorescence and culture for the detection of *Bordetella pertussis*: prospective evaluation and molecular epidemiology. *Enferm Infecc Microbiol Clin*. 2006; 24: 500-4.

Viral monitoring and successful treatment of a ganciclovir-resistant cytomegalovirus infection in a heart transplant recipient. *Transpl Infect Dis* 2008; 10: 123-8.

Rhinocerebral Zygomycosis Caused by *Saksenae vasiformis* in a Diabetic Patient. *Mycoses*; 2008; 59: 549-53.

Herpes esophagitis in healthy adults and adolescents: report of 3 cases and review of the literature. *Medicine (Baltimore)*. 2010 Jul;89(4):204-10.

Seroprevalence of antibodies against measles, rubella, mumps, varicella-zoster, and *Bordetella pertussis* in young adults of Madrid, Spain. *Human Vacc Immunother*; 2013; 9(9): 1-8.

Atypical presentation in adults in the largest community outbreak of leishmaniasis in Europe (Fuenlabrada, Spain). *Clin Microbiol Infect* 2015 Mar; 21 (3): 269-73.

IL-2 as a marker for detecting asymptomatic individuals in areas where *Leishmania infantum* is endemic. *Clin Microbiol Infect* 2016 Jun 3. pii: S1198-743X(16)30164-1.

### Acceptance, yield and feasibility of attaching HCV birth cohort screening to colorectal cancer screening in Spain

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*Digestive and Liver Disease*. 2016. 48, pp.1237-1242.  
2016

### Evaluation of a Method for Long-Term Cryopreservation of Fungal Strains

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*Biopreserv Biobank*. 2018 Apr;16(2):128-137. doi: 10.1089/bio.2017.0101.  
2018

### Clinical aspects of visceral leishmaniasis caused by *L. infantum* in adults. Ten years of experience of the largest outbreak in Europe: what have we learned?

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*Parasit Vectors* . 2019 Jul 24;12(1):359. doi: 10.1186/s13071-019-3628-z  
2019

### Colonization rates by *Streptococcus agalactiae* in Spanish and foreign pregnant women in the Fuenlabrada University Hospital

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*Rev Esp Quimioter* . 2018 Jun;31(3):274-277  
2018

### Diagnostic model of visceral leishmaniasis based on bone marrow findings. Study of patients with clinical suspicion in which the parasite is not observed

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*Eur J Intern Med* . 2019 Nov;69:42-49. doi: 10.1016/j.ejim.2019.08.015  
2019

## **Role of asymptomatic and symptomatic humans as reservoirs of visceral leishmaniasis in a Mediterranean context**

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PLoS Negl Trop Dis . 2020 Apr 23;14(4):e0008253. doi: 10.1371/journal.pntd.0008253.  
2020

## **Matched-paired analysis of patients treated for invasive mucormycosis: standard treatment versus posaconazole new formulations (MoveOn)**

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J Antimicrob Chemother . 2019 Nov 1;74(11):3315-3327. doi: 10.1093/jac/dkz344.  
2019

## **Significance of a polymerase chain reaction method in the detection of *Clostridioides difficile***

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Rev Esp Quimioter . 2021 Apr;34(2):141-144. doi: 10.37201/req/010.2020. Epub 2021 Feb 19.  
2021

## **COVID-19 in Spanish and immigrant patients in a sanitary district of Madrid**

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Rev Esp Quimioter . 2020 Aug;33(4):289-291. doi: 10.37201/req/041.2020. Epub 2020 May 20.  
2020

## **Impact of SARS-CoV-2 pandemic among health care workers in a secondary teaching hospital in Spain**

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PLoS One . 2021 Jan 14;16(1):e0245001. doi: 10.1371/journal.pone.0245001. eCollection 2021.  
2021

## ● **NETWORKS AND MEMBERSHIPS**

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### **Memberships**

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Member of the Spanish society of clinical microbiology and infectious diseases since 2002.  
Expert member of the Quality, management, security and evidence committee of the Spanish Medical biopathology association since 2012.

## ● **PROJECTS**

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### **Projects**

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Seroprevalence of preventable infectious diseases. 2007-2010.  
New catalytic processes for the production of products with potential therapeutic application. 2009-2013  
Study on the cellular response of patients cured of different clinical forms of leishmaniasis. 2013.  
Survey on Leishmaniasis in solid organ transplant during the outbreak in Fuenlabrada, Madrid. 2013-2014.  
Survey on the evolution of the cellular response of sick patients with different clinical forms of leishmaniasis. 2013-2014.  
Identification of asymptomatic patients in the Leishmaniasis outbreak of Fuenlabrada. 2014-2016.

## ● PRESENTATIONS

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### Presentations

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- Role of Clostridium difficile toxin in recurrence and severity of inflammatory bowel disease. Madrid, 3/2001.
- Evolution of the etiology of candidemia in the Hospital October 12 over four years. Sevilla, 3/2002.
- Molecular epidemiology of bacteremias due to methicillin-resistant and methicillin-susceptible Staphylococcus aureus in a tertiary hospital in Madrid. Praha, 5/2004.
- Detection of Herpes simplex virus and Enteroviruses in cerebrospinal fluid by Real-Time PCR. Praha 5/2004.
- Ganciclovir-resistant Cytomegalovirus infection in a heart transplant recipient. Praha, 5/2004.
- Evaluation of the MicroScan ESBL Plus confirmation panel for Enterobacteriaceae-producing extended-spectrum beta-lactamases. Praha, 5/2004.
- Molecular characterization of mupirocin resistance in Staphylococcus aureus methicillin sensitive and resistant isolates from nasal swabs. Bilbao, 5/2004.
- Detection by real-time PCR and molecular epidemiology of Bordetella pertussis. Bilbao, 5/2004.
- Clonal diversity of Klebsiella pneumoniae beta-lactamase producing extended spectrum in a tertiary hospital in Madrid. Bilbao, 5/2004.
- Molecular epidemiology of Staphylococcus aureus bacteremia sensitive and resistant to methicillin in a tertiary hospital in Madrid. Bilbao, 5/2004.
- Epidemiology of dermatophytoses in a southern area of Madrid, Spain. Paris, 6/2006.
- Long-term cryopreservation of dermatophyte strains. Paris, 6/2006.
- Performance of the detection of IgM antibodies to Toxoplasma gondii in screening for Toxoplasma primoinfection in pregnant women. Bilbao, 10 2006.
- Long term cryopreservation of dermatophyte fungi strains. Bilbao, 10 2006.
- Epidemiology of dermatophytosis in a south area of Madrid. Bilbao 10/2006.
- Determination of the resistance pattern of Stenotrophomonas maltophilia according to CLSI interpretive standards. Barcelona, 10/2012.
- Study of serotypes and phage types of Salmonella spp and antibiotic sensitivity. Barcelona, 10/2012.
- Review of correspondences ("mapping") of antimicrobials in a Microbiology laboratory with SNOMED CT and LOINC terminologies using SERTECAM. Bilbao 10/2013.

## ● CITATIONS

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### Citations

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- Best image in microbiology. Gilead award, 2002.