

## Introduction

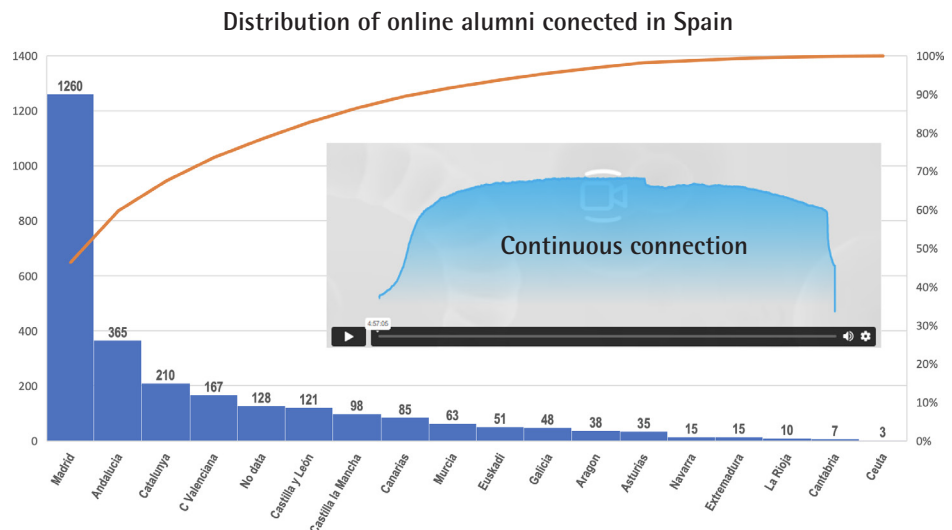
Francisco Javier Candel 

# Introduction to XIII Updating Course of Antimicrobials and Infectious Diseases

Department of Clinical Microbiology and Infectious Diseases. Transplant Coordination and Cell Tissue Bank. IdISSC and IML Health Research Institutes. Hospital Clínico Universitario San Carlos. Madrid.

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Users conected	Country
2751	Spain
28	Colombia
22	Argentina
19	Peru
13	Chile
11	Italy
10	Ecuador
7	Mexico
7	Costa Rica
6	United Kingdom
6	Uruguay
5	Paraguay
5	United States
4	Portugal
4	Bolivia
2	Brazil
1	El Salvador
1	Guatemala
1	Netherlands



**Figure 1** Distribution of "XIII Infeclinico" online alumni and their origin.

Last february, the XIII Updating Course of Antimicrobials and Infectious Diseases was held at the Hospital Clínico San Carlos in Madrid. It is a scientific activity accredited by the Community of Madrid (Commission for Continuing Education of Health Professions at the Community of Madrid, file number 07-AFOC-00085.6/2023, 1.3 credits) and endorsed by the Spanish Society of Clinical Microbiology and Infectious Diseases (SEIMC), the Spanish Society of Chemotherapy (SEQ) and the Madrid Society of Clinical Microbiology (SMMC). This year, the course was mix edited presental-online and reached 177 asistants and 2751 continuous connections from Spain and other european or american countries (Figure 1). The audience consisted of multidisciplinary professionals of all specialties related to infection, the teachers made an update of the most relevant aspects on bacteriology, mycology and virology.

Current issue of the magazine includes summaries of the lectures given in the presental course. It also includes the question-

naire with the evaluations made by the students and a sheet of correct answers to being able to contrast the results.

The supplement is divided into five headings. The first section, entitled "*Bacteremia and sepsis*" included topics such as the management of streptococcal bacteremia or the workflow of the microbiology laboratory in sepsis. The second one dealt with *respiratory infection*. It included an approach to the management of nosocomial pneumonia and the risk of SARS-COV-2 infection and its management in the solid organ recipient. The third section addressed the *main emerging infections* at the beginning of 2022, such as the monkeypox outbreak or invasive *Streptococcus* spp group A (GAS) infection. In the *clinical approach* round table, a practical vision of the management of skin and soft tissue infections was presented, taking into account the continuity of care, assessing the role of new antimicrobials against resistant gram-positive bacteria. A comparative analysis was also made between the different American, European and Spanish guidelines in the treatment of resistant gram-negative microorganisms. Finally, infection in patients undergoing CAR-T therapies was reviewed. In the last table of *trends in infectious diseases*, the present and future of resistance in *Pseudomonas aeruginosa*, the new antifungal treatment pipeline and a selection of outstanding articles in infectious diseases and clinical microbiology in the last two years were analyzed. I hope you enjoy reading it.

Correspondence:  
Francisco Javier Candel  
Department of Clinical Microbiology and Infectious Diseases. Transplant Coordination and Cell Tissue Bank.  
IdISSC and IML Health Research Institutes. Hospital Clínico Universitario San Carlos.  
School of Medicine. Complutense University. Madrid. Spai  
E- mail: franciscojavier.candel@salud.madrid.org