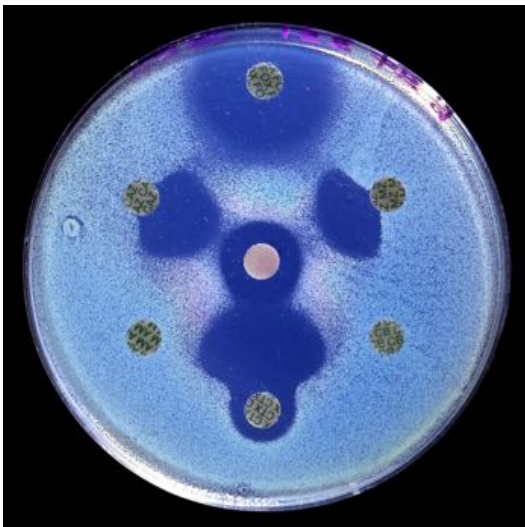


# International Course Antibiotics and Resistance (ICARe)

November 11-19, 2017, Les Pensières, Annecy, France



**Director:** P. Courvalin, Institut Pasteur

**Scientific Advisors:** M. S. Gilmore, Harvard Medical School,  
G. D. Wright, McMaster University

**Scientific Committee:** C. Arias, K. Bush, S. Lory, A. Myers,  
S. Projan, H.-G. Sahl, M.-W. Tan

**Objective:** The emergence and spread of multidrug resistant bacteria seriously threaten all branches of medicine. There is no course providing advanced instruction on antibiotics and resistance. The goal of ICARe is to bring leaders in academics and industry together with early career scientists.

**Course:** The faculty, composed of 35 internationally recognized scientists and physicians who have made important contributions to antibiotic development and resistance management, will be in residence for a minimum of 2 days for informal interactions. Graduates will emerge with a state-of-the-art understanding of existing antibiotics, modes of action and mechanisms of resistance, approaches for mining chemical space for antimicrobial activity, advancing hits to leads, the application of nucleic acid-based technologies for antibiotic discovery and resistance detection, and, most importantly, training in thinking innovatively about solutions to the problem. The course aims to build an international cadre of collaborative, well networked, and highly trained specialists.

**Audience:** ICARe is designed for assistant professors, new industry scientists, MDs, and postdoctoral research associates. Attendance will be limited to 40 students and will reflect the global nature of the problem.

**Format:** The course will be administered over 8 days and will consist of formal instruction, review of the literature, small group problem solving including hands-on use of bioinformatic tools.

**Organizing committee:** C. Grillot-Courvalin, B. Pansier, M. Sala

**Application deadline : June 15, 2017**

[www.pasteur.fr/en/ICARe](http://www.pasteur.fr/en/ICARe)