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Bacterial infections: antimicrobial therapies group

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New strategies to combat bacterial infections

Disease-causing bacteria that resist antibiotic treatment are now widespread in every part of the world and have reached "alarming levels" in many areas as stated by the World Health Organization. Nowadays, bacterial biofilm-based infections have emerged as a major public health concern. It is urgent to investigate new strategies to treat infections caused by bacteria living in a biofilm.

Recent publications:

- Crespo, A. et al. (2017). *Scientific Reports*. 7:14051.
- Basas, J. et al (2016). *Journal of Antimicrobial Chemotherapy*. 71(10):2895-2901.
- Crespo, A. et al. (2016). *Frontiers in Microbiology*. 7:688.
- Noguera-Otega, E. (2016). *Scientific reports*. 6:27232.
- Baelo, A. et al. (2015). *Journal Controlled Release*. 209:150-159.
- Dreux, N. et al. (2015). *Infection and Immunity* 83:1305-1317
- Torrents, E. (2014). *Frontiers in Cellular and Infection Microbiology* 4:52.

See additional information on:

<https://sites.google.com/site/eduardtorrentswebpage>

Job position description

Development of multidisciplinary research on new therapeutic strategies to treat bacterial chronic infections from different perspective (microbiological, bacterial genetics, nanomedicine, new drug delivery systems, etc).