

HOW DEAD IS DEAD ?

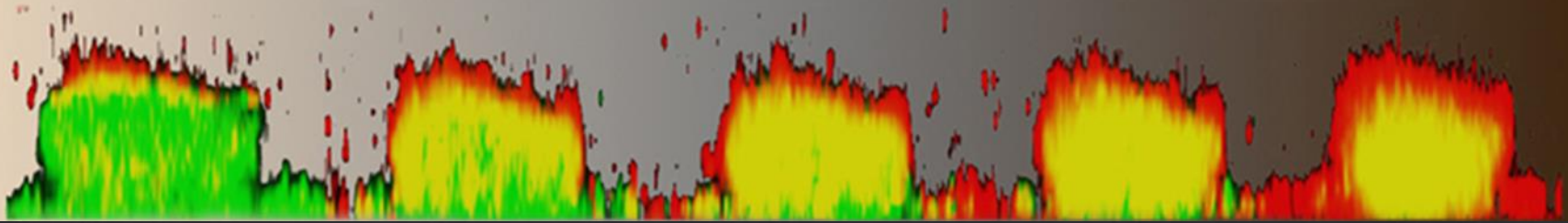
6th conference on exploring the edge
of bacterial life

14-15 May 2020, Jouy-en-Josas, France

<https://symposium.inra.fr/hdid2020>

Keywords:

Persisters, VBNC, resuscitation, regulation, pathogens,
methods, biofilm, microbiota



This conference series points to the difficulties of defining and proving the borders of bacterial life and death, and the consequences of these problems as regards its relevance for human, plant and animal health, but also for the functioning of technical and natural ecosystems.

Important questions arising are:

- >How can the status of viable but non-culturable (VBNC) cells, persisters, sleepers, etc. be described?
- >Are bacteria that cannot grow (anymore) on standard media dead and non-hazardous?
- >How can they be detected?
- >Which cellular mechanisms allow them to cope with a variety of stress conditions?
- >What is influence of biofilms and microbiota on pathogens survival?
- >Which relevance do they have for health, technological processes and ecosystems?

>Contest of the most ugly image of dead microbes

>Contest of the best video of bacterial agony

Organization: Micalis Institute, INRA, AgroParisTech, Université Paris-Saclay, Department of "Bacterial Adaptation and Pathogenesis".

Contact > Romain.briandet@inra.fr

