

Upper Rhine Cluster for Sustainability

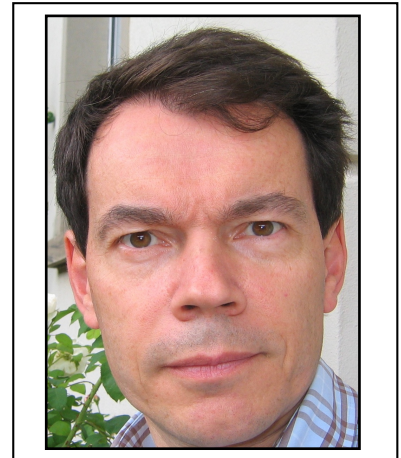
Researchers Profil

Name, Position & Affiliation

Didier Lièvreumont

Assistant Professor

*UMR-7156 "Génétique moléculaire, Génomique,
Microbiologie" Université de Strasbourg - CNRS*



Expertise in relation to the topics of the URCforSR (include max. 3 related and recent publications)

Environmental microbiology expertise related to bacteria/metals interactions, bacterial diversity in extreme environments, and bacterial multi-species interactions.

Delavat F, Lett M-C, Lièvreumont D. Novel and unexpected bacterial diversity in an arsenic-rich ecosystem revealed by culture-dependent approaches. *Biology Direct*, 7 (2012).

Delavat F, Lett M-C, Lièvreumont D. Remediation using arsenite-oxidizing bacteria. In "Series : Arsenic in the environment", *The metabolism of arsenite*, vol. 5., p. 145-159, Santini JM, Ward SA (eds.), CRC Press, ISBN : 978-0-415-69719-4, (2012).

Farasin J, Andres J, Casiot C, *et al.*. A Genomic island of *Thiomonas* sp. CB2 confers the capacity to degrade urea and to promote toxic metal precipitation in acid mine drainage waters supplemented with urea. *Frontiers in Microbiology*, 6, 00993 (Sept. 2015)

Special Interests in the topics of the URCforSR

Interested in the transition to a green economy (work group on sustainable innovations) : implementation of new biological approaches to reduce environmental risks.

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What you are searching for regarding the cooperation within the URCforSR

URCforSR should be a mean to develop, to initiate or to reinforce (cross-border) collaborations between research groups. It should allow to work more efficiently, in a concerted action which should be aimed to propose innovative works for European calls.