

GHI Seminar

Special seminar by invited speaker

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Environmental vibrios : « a walk on the wild side »

The vast majority of our knowledge on vibrio pathogenesis is based on the ancient and well-studied human pathogen, *V. cholerae*. Often neglected and relegated to specialized journals are vibrio infections in non-human species. While the studies of animal pathogens have benefited from the era of genomics, the search for pathogenesis determinants is often biased by what is known from human pathogens, precluding the discovery of new mechanisms specific to marine animal species. Here I will describe why vibrios from the wild (as opposed to laboratory model strains) are pertinent to address basic questions such as evolutionary and ecological dynamics of pathogens, as well as how they are a source of original molecular mechanisms for virulence.

Hey molecular biologist “take a walk on the wild side” Lou Reed, 1972

Host: Melanie Blokesch

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12:15, SV 1717