



Contribution ID : 14

Type : **Oral**

## **Microbial Biota in Anaerobic and Microaerobic Habitats**

*Wednesday, 5 September 2018 11:15 (35)*

Anaerobic zones occur in stratified water columns and almost universally in aquatic sediments at various depths. Anaerobic zones are covered by zones characterized by more or less steep oxygen gradients. These habitats harbor characteristic biota of unicellular organisms with zonation patterns determined by oxygen tension. The presentation will especially emphasize eukaryotic microbes in microaerobic and anaerobic habitats with respect to physiological adaptations and constraints and to zonation patterns exemplifying both sediments and the stratified water column.

### **Position**

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**Session Classification :** 06 Physiological Effects of Oxygen & Interactions with Multiple Stressors