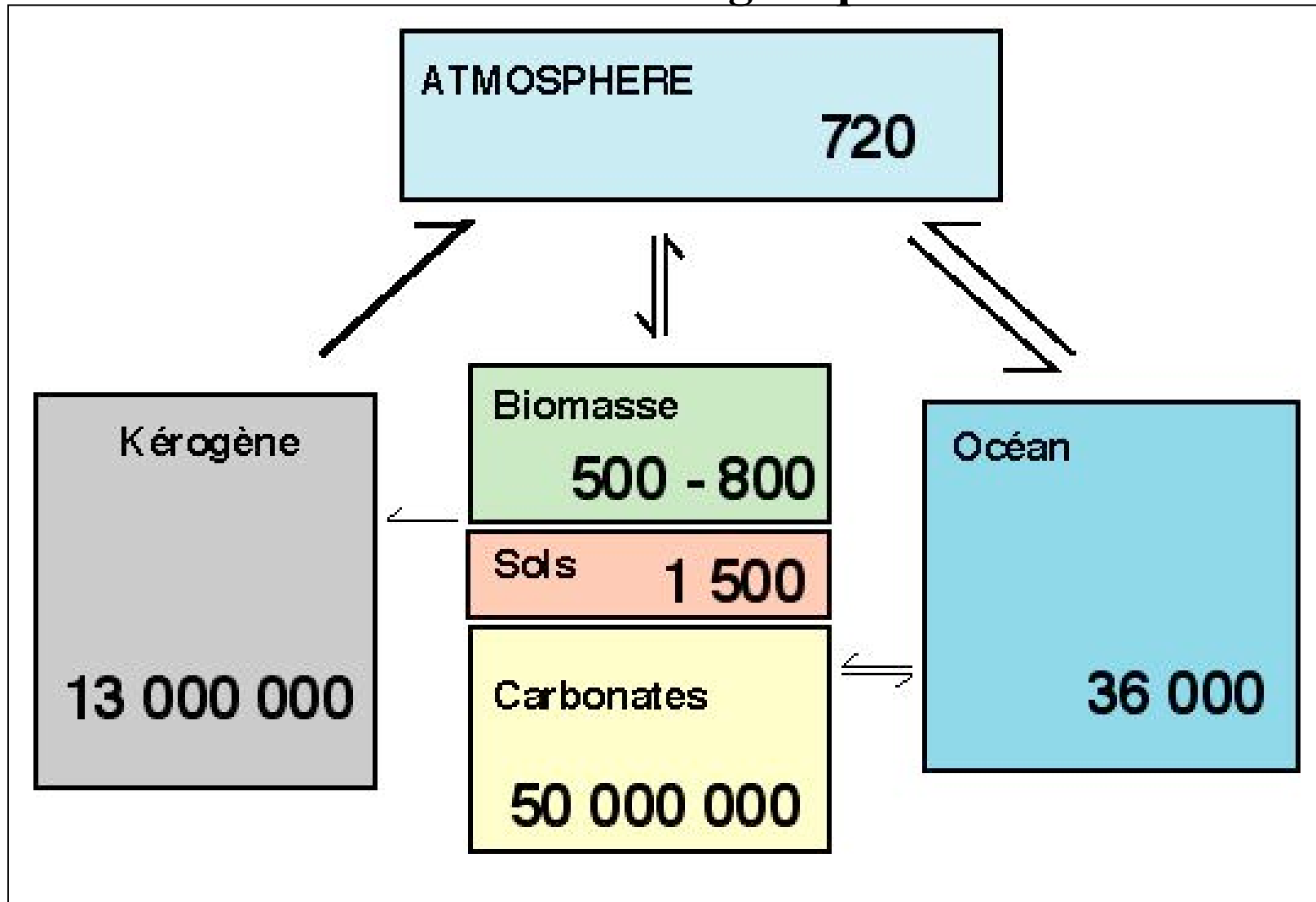


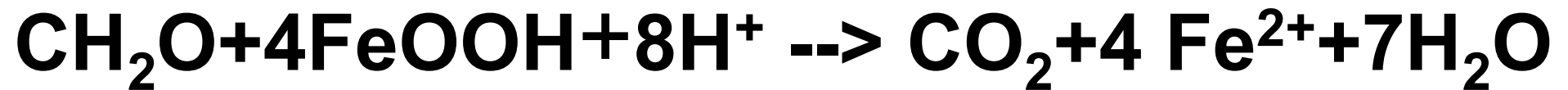
ASPECTS GÉNÉRAUX

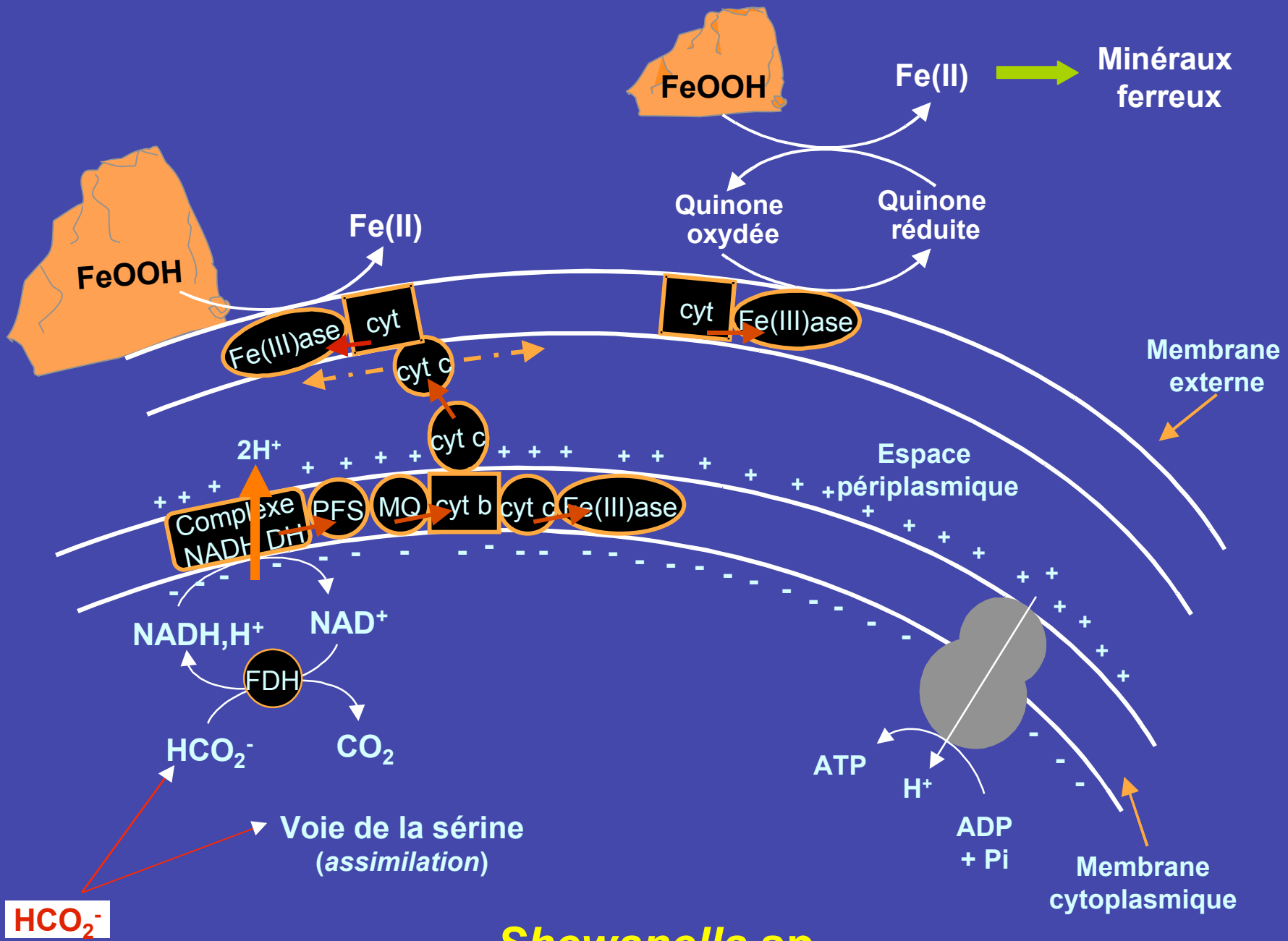
5. Interactions organismes/minéraux et état d'oxydo-réduction de la sub-surface

La biominéralisation agit sur l'enfouissement de matière organique



**Bactéries (ferriréductrices)
respirant les oxydes de fer**



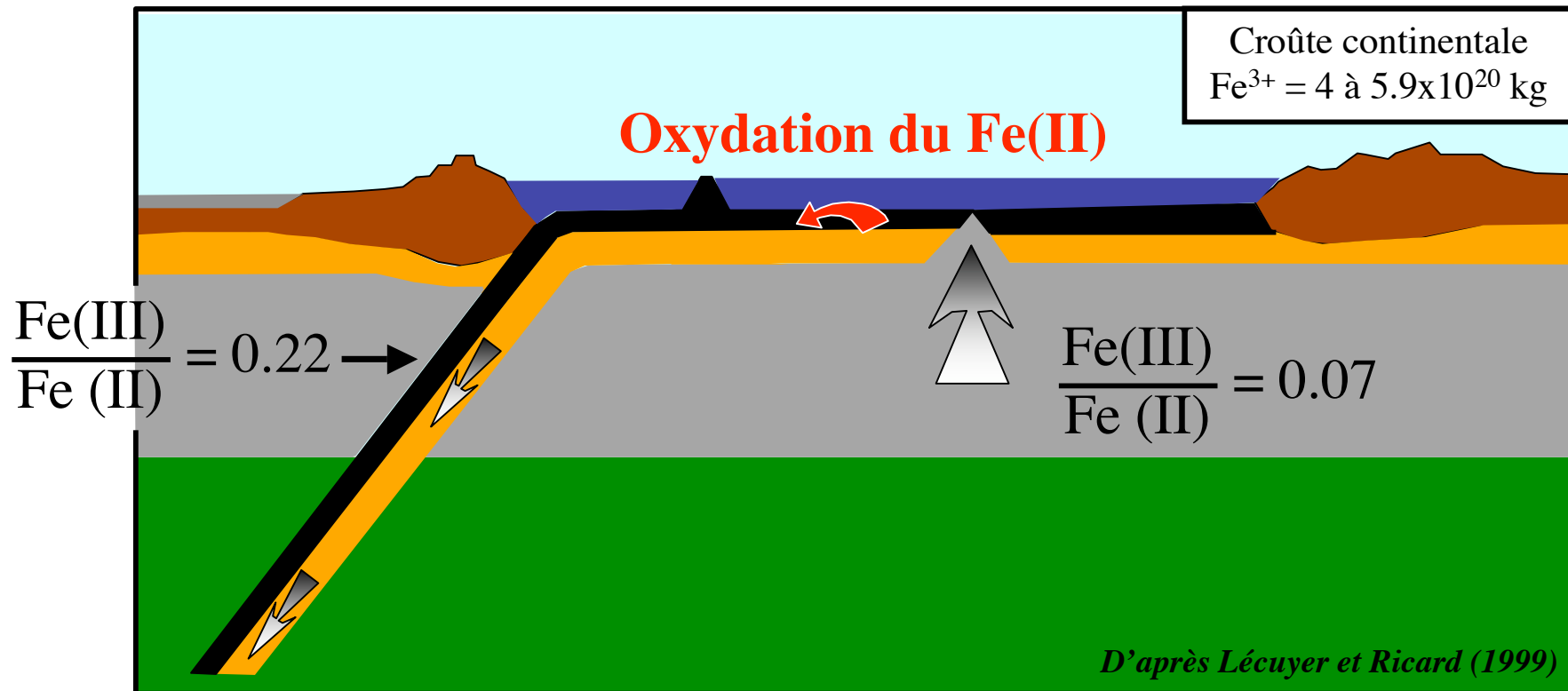


Shewanella sp.

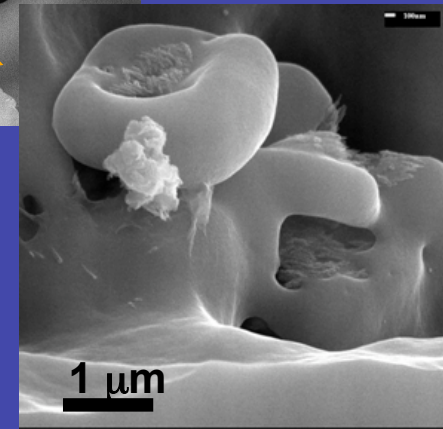
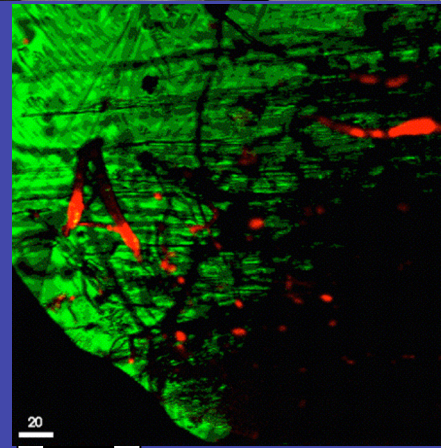
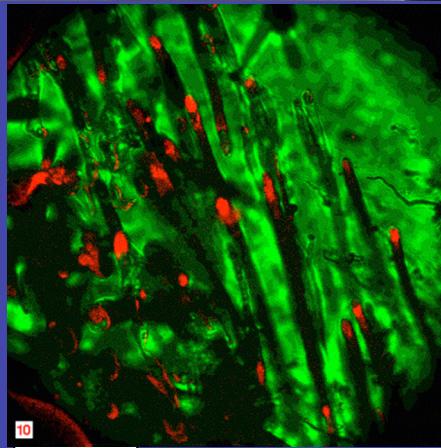
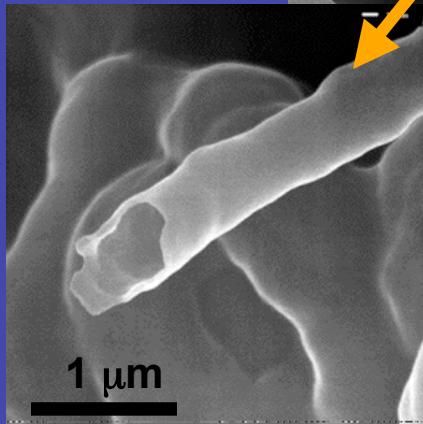
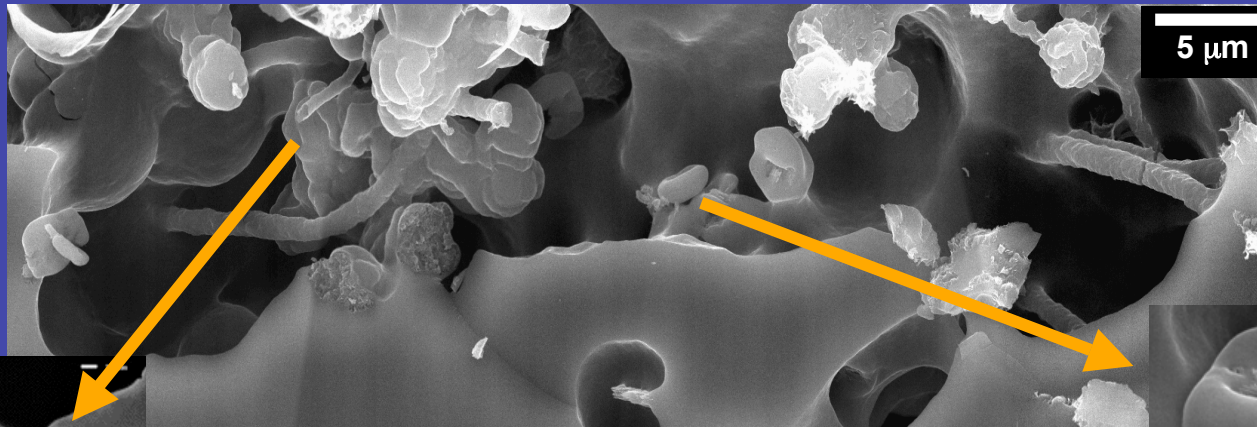
**Bactéries (ferro-oxydantes)
se nourrissant de fer**



Régulation de O₂ par l'hydrothermalisme océanique



Altération biologique des basaltes



Ethidium Bromide staining in channels (DNA?)

Channels have been interpreted as biogenic weathering features



Important implications for global geochemistry and search for ancient traces of life