**University of Bergen (UoB)**

Lise ØVREÅS, Dr. Scient ­ 49 years old, Microbial Ecologist, Professor in Geomicrobiology

EXPERTISE: Microbial diversity, ecology and evolution. Genetic diversity and population dynamics of Bacteria and Archaea. Regulation of biodiversity and adaptability of microbial communities to external stress factors. Molecular adaptation mechanisms to extreme environments. More than 50 papers in scientific journals. Average citations per item 99 and h­index 24 (ISI database), 6 book chapters.

STUDIES

(1994­1998) Doctorate in Microbiology, University of Bergen (UoB), Norway; (1993­1994) Pedagogic exam for lecturers, UoB, Norway, (1991­1993) Master of Science in Microbiology, UoB, Norway; (1986­1989) Bioenginees, authorized, Fysiokjemikerhøgskolen i Bergen.

PROFESSIONAL POSITIONS

(2007­ 2014) Professor in Geomicrobiology, UoB, Norway; (2007­2010) Group leader for Geomicrobiology, UoB; (2006­2007) Associate professor in Geomicrobiology, UoB; (1997­2006) Research Scientist Unifob/ UniReseach (EU and NRC fundings); (1992) research assistant UoB; (1986­1989) Bioingineer at Lab. for Clin. Biochem, Haukeland University Hospital. Norway

PUBLICATIONS – selection

(1) Urich T, Lanzèn A, Stokke R, Pedersen RB, Baye C, Thorseth IH, Schleper C, Steen IH, Øvreås L (2013) Microbial community structure and function in marine sediments associated with diffuse hydrothermal venting assessed by integrated meta­omics. Environ Microbiol 16:2699­710;

(2) Storesund JE, Øvreås L (2013) Diversity of Planctomycetes in iron­hydroxide deposits from the Arctic Mid Ocean Ridge (AMOR) and description of Bythopirellula goksoyri gen. nov., sp. nov., a novel Planctomycete from deep sea iron­hydroxide deposits. Antonie Van Leeuwenhoek 104: 569­84;

(3) Jorgensen SL, Hannisdal B, Lanzén A, Baumbergerb T, Flesland K, Fonsecae R, Øvreås L, Steen IH, Thorseth IH, Pedersen RB, Christa Schlepe (2012) Correlating microbial community profiles with geochemical data in highly stratified sediments from the Arctic Mid­Ocean Ridge. PNAS 109:E2846­55;

(4) Baskar S, Baskar R, Thorseth IH, Øvreås L, Pedersen RB (2012). Microbially Induced Iron Precipitation Associated with a Neutrophilic Spring at Borra Caves, Vishakhapatnam, India. Astrobiology 12: 327­346;

(5) Lanzén A, Jørgensen SL, Bengtsson MM, Jonassen I, Øvreås L, Urich T (2011). Exploring the composition and diversity of microbial communities at the Jan Mayen hydrothermal vent field using RNA and DNA. FEMS Microbiol Ecol 77: 577­589

RESEARCH FUNDING (9 current grants) ­ selection

(1) NFR funding Micro Polar: Process and Players in the Arctic (2013 – 2017) CoPI, 23 Million NOK.

(2) NFR funding Microorganisms in the Arctic. Major Drivers of biogeochemical cycles and climate changes; (2013 – 2017) 1.2 Million NOK.

(3) NENUN Nordic Environmental Nucelotide Network, funded by NorForsk. 20 laboratories (2011 – 2014);

(4) NUFU/NORAD Biotechnology and Microbial Diversity of Ethiopian Soda Lakes PI. 2007­2012. 5.5 Million NOK.

(5) EU FP7­PEOPLE project “MicVirEcolHotSprings” (2009 – 2013) 2.4 Mill NOK.

(6)NFR Centre for Geobiology, Norwegian Centre of Excellence 11 Mill NOK, Co­PII (2007 – 2017)