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<i>Present position:</i>	<b>Senior Researcher, Ph.D</b>
<i>Personal data:</i>	Born 24.05.1957, Norwegian,
<i>Education:</i>	1985 M. Sc. - (Cand Scient). "Molecular Genetics", University of Trondheim (NTNU).  1986 Amanuensis in biology and aqua technich at highschool i Sogn og Fjordane, Sogndal.  1986-1990 Ph D –(Dr. Scient) "Molecular Genetics" The Norwegian college of Veterinary Medicine, Oslo,.
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<i>Publications:</i>	See list below.
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<i>Employment record:</i>	1991-2001 Scientific Research at SINTEF 2001-2015 Senior Scientific Research at Bioforsk 2015-2017 Senior Scientific Research at NIBIO - Environmental microbiology- (e.g. degradation of oil, creosote, PCB, phthalates), - Composting technology in reactor of : Sewage, oil and bio sludge , industrial sludge and sediments. - Detection of microorganisms and general microbiology - Odour analyser. - Composting of food waste & biodigests in piles - Archaeology - Environmental Monitoring , Preservation, cultural heritage, redox conditions
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## Publications

**H: Thesis**

**P: Scientific articles**

1. **Bergersen, O.** (1985) Construction of a restriction map of the 44kb plasmid from *Acetobacter xylinum*. Cand. scient-thesis, University of Trondheim. 89 pp. **(H)**
2. **Bergersen, O., Davies, W & Braend, M.** (1989) RFLP's in the *caprine* beta -globin gene cluster. *Anim. Genet.* 20, *Suppl. 1*, 109.
3. **Bergersen, O & Braend, M.** (1990). Characterization by RFLP analysis, of the caprine beta -globin gene cluster in Norwegian dairy goats. *Hemoglobin* 14, 1, 87-102. **(P)**
4. **Nesse L.L., Bergersen O., Eide D.M. and Braend M.** (1990) Linkage studies on erythrocyte antigen loci, the major histocompatibility complex and the haemoglobin beta - gene cluster in goats. *Anim. Genet.* 21, 329-331. **(P)**
5. **Bergersen, O.** (1990) An *Alu I* polymorphism near the 5'end of the goat epsilon <sup>IV</sup> globin gene. *Anim. Genet.* 21, 339. **(P)**
6. **Bergersen, O & Fosse, V.M.** (1990) Differential expression of <sup>I</sup> alpha- and <sup>II</sup> alpha--globin genes in goats. *J. Reprod. Fert. Suppl.* 41, 231
7. **Bergersen, O.**(1990) Polymorphism and structure of alpha- and beta -globin genes in Norwegian dairy goats. Dr. scient-thesis, The Norwegian college of Veterinary Medicine, Oslo, 72pp **(H)**
8. **Bergersen, O and Braend M.** (1991) RFLP analysis associated with the Hb beta - globin chain variants of the *caprine* beta -globin gene cluster. *Anim. Genet.* 22, 53-65. **(P)**
9. **Bergersen, O., Fosse V.M. and Nesse L.L.** (1991) Differential expression of <sup>I</sup> alpha - and <sup>II</sup> alpha- globin genes in goats. *Anim. Genet.* 22, 77-86. **(P)**
10. **Bergersen, O.** (1991) Evolution of RFLP haplotypes and Hb protein variants in Norwegian dairy goats". *Anim. Genet. Suppl. 1* . 22, 31-32.
11. **L. Williams, and O. Bergersen.** 2001. "Towards an Integrated Platform for Combinatorial Library Synthesis and Screening". *J. Planar Chrom.* 2001, 14, 318-321. **(P)**
12. **H. Lystad, J. Hammer, R. Sørheim, O. Molland, O. Bergersen and P. Smits,** 2002. Using Lime To Reduce Odors From Biowaste Composting. *Biocycle.* Sept. 38-41. **(P)**.
13. **Hanslin, H. M., A. Sæbø and O. Bergersen.** (2005) Estimation of oxygen concentration in soil gas phase beneath compost mulch by means of a simple methods. *Urban Forestry & Urban Greening* 4 , 37-40. **(P)**.
14. **Haarstad. K., O. Bergersen, R. Sørheim.** (2006) Occurrence of carbon monoxide during organic waste degradation. *Journal of the Air & Waste Management Association* 56:575-580 **(P)**
15. **Bergersen, O and Haarstad. K.** (2008) Metal Oxides Remove Hydrogen Sulphide from Landfill Gas Produced from Waste Mixed with Plaster Board under Wet Conditions. *Journal of the Air & Waste Management Association* 58: (1014-1021) **(P)**
16. **Bergersen, O., Bøen, A., and Sørheim, R.** (2008) Strategies to reduce short-chain organic acids and synchronously establish high-rate composting in acidic household waste. *Bioresource Technology.* 100. s 521-526 **(P)**
17. **Terje Vasskog, Ove Bergersen, Trude Anderssen, Einar Jensen and Trine Eggen** (2009) Depletion of selective serotonin reuptake inhibitors during sewage sludge composting. *Waste Management.* 29: 2809-2816. **(P)**

- 18 Bergersen, Ove., Kine Østnes Hanssen and Terje Vasskog** (2012) Anaerobic treatment of sewage sludge containing selective serotonin reuptake inhibitors. *Bioresource Technology*. 117. s 325-332 (P)
- 19 Anna Petersén & Ove Bergersen** (2012). An assessment of the status and condition of archaeological remains preserved in situ in the medieval town of Trondheim based on archaeological investigations conducted during the period 2007 – 2010. *Conservation and Management of Archaeological Sites*. Vol. 14 Nos 1–2, 2012, s227–37. (P)
- 20 Vibeke Vandrup Martens, Carl Einar Amundsen & Ove Bergersen** (2012). Research on conservation state and preservation conditions in unsaturated archaeological deposits in Oslo. *Conservation and Management of Archaeological Sites*. Vol. 14 Nos 1–2, 2012, s72-83. (P)
- 21 Bergersen, O & Haarstad, K.** (2014) Treating landfill gas hydrogen sulphide with mineral wool waste (MWW) and rod mill waste (RMW) *Journal of Waste Management* 34. 141-147. (P)
- 22. Solli, L., Bergersen, Ove., Sørheim, Roald., & Tormod Briseid.** (2014) Effects of a gradually increased load of fish waste silage in co-digestion with cow manure methane production. *Journal of Waste Management*. 34: 1553-1559. (P).
- 23. Vibeke Vandrup Martens, & Ove Bergersen** (2015). *In situ* site preservation in the unsaturated zone: Case Avaldsnes. In *Quaternary International*. 368: 68-79 (P)
- 24. Bergersen, Ove., Kine Østnes Hanssen and Terje Vasskog** (2015). Aerobic-treatment of selective serotonin reuptake inhibitors in landfill leachate. *Environmental Sciences Europe*. 2015. 27:6 (P)
- 25 Anna Petersén & Ove Bergersen** (2016). The *In Situ* Preservation in the Unsaturated Zone: Results from Environmental Investigations at the ‘Schultz Gate’ Case Study in the Medieval Town of Trondheim, Norway. *Conservation and Management of Archaeological Sites*. Vol. 18 Nos 1–3, 2016, s 181-204. (P)
- 26 Vibeke Vandrup Martens, Ove Bergersen, Michel Vorenhout, Paula Utigard Sandvik & Jørgen Hollesen** (2016). Research and monitoring on conservation state and preservation conditions in unsaturated archaeological deposits of a medieval farm mound in Troms and a late Stone Age midden in Finnmark, Northern Norway. *Conservation and Management of Archaeological Sites*. Vol. 18 Nos 1–3, 2016, s 8-29. (P)

### Articles without scientific referee.

1. **Norgaard E , Bergersen O , Lystad H , Ugland T and Briseid T .**(1997). A simple respirometric Technique (SOUR) compared with other Methods used for Compost Stability Assessment Proceedings on the ORBIT conference, 3-5 september Harrogate, United Kingdom. (335-337).
2. **Briseid T, Sørheim,R., Bergersen, O.,Eidså, G., Kringstad, A., and Røneid, T. (1998).**, Anaerobic dechlorination of PCB in Marine sediments possibilities for enhancement. The first International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, California May 18-22.*Battelle Press C1-6,(237-242)*.
3. **Bergersen O., T. Briseid, G. Eidså and Vaa, A. (1999).** Microbial degradation of oil contaminated biosludge in full scale compost reactor. Fifth International Symposium "In situ and On-site Bioremediation" San Diego California, April 17-22 *Battle press 5(5)(37-42)*
4. **Rike, A.G., M. Borresen, O. Bergersen, T. Briseid, C. Lysebo and E. Lundanes. (1999).** Bioremediation potential of phthalate esters in sediments from sub-arctic and arctic sites. . Fifth International Symposium "In situ and On-site Bioremediation" San Diego California, April 17-22. *Battle press 5 (6) (187-192)*
5. **Fagervold, S.,T. Briseid,O. Bergersen ans G. Eidså.(2000).**Dechlorination of Aroclor and specific congeners in marine, estuarine and freshwater sediments. Bioremediation of chlorinated and recalcitrant compound. Monterey, California May 22-25, 2000.Eds. Wickramanayake,G.B. and Gavaskar, A.R., ISBN:1-57477-094-2.
6. **Rike, A. G., Lysebo, C., Bergersen, O., Børresen, M., Lie, A. G. and Lundanes, E. (2000)** Biodegradation and environmental fate of di(2-ethylhexyl) phthalate in cold climate, Imanaka, CD-ROM, Fifth international symposium on environmental biotechnology (ISBE 2000), Kyoto, Japan, page 1-4.
7. **L. Williams, O. Bergersen, 2001.** Combinatorial Library Synthesis and Screening. Proceedings of Planar Chromatography 2001, Lillafured Hungary, June 23-25, 2001.
8. **Haarstad, K., Lystad, H., Bergersen, O., Hammer, J., R. Østli, B. Ø. ( 2003)** Organic waste degradation in cold climates-5 years' experience with a medium size biocell. In: Orbit 2003, Organic Recovery and Biological Treatment. Fourth International Conference of Orbit on Biological Processing of Organics: Advances for a Sustainable Society. Part 1, 155-162.
9. **Haarstad, K., O. Bergersen, R. Sørheim and B. Berg (2003).** Sorted MSW landfill odour due to H<sub>2</sub>S– Sources and removal. Proceedings, 9<sup>th</sup> Sardinia 2003 conference s 410.
10. **Aasen, R., Bøen, A. and Bergersen, O. (2006).** Effect of increased porosity on short organic acids, bacterial counts and respiration rate during composting of acidic organic waste. Orbit 2006. Part 1 119-124.
11. **Bøen, A., Aasen, R. and Bergersen, O. (2006).** Strategies for quick establishment of high-rate composting in acidic household waste. Orbit 2006. Part 1 31-35.
12. **Christian Vogelsang, Kevin V. Thomas, Katherine Langford, Merete Grung, Benedek G. Plósz, Ove Bergersen. (2011).** Fate, risk and management of pharmaceuticals in the Norwegian sewage system. 12th Nordic Wastewater Conference, 14-16 November 2011, Helsinki.