

Curriculum Vitae

PERSONAL DATA

Name: Aud Larsen

Birth date: 18.11.62

Civil status: Single

Addresses:

Private: Krohnengsgaten 47, 5031 Bergen

Work: Uni Research Environment, Thormøhlensgate 49b, N-5006 Bergen

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Aud Larsen: aud.larsen@bio.uib.no: Researcher I, UNI Research Environment. (ISI: 55 publications cited >1100, times, h-index 23). Research interests: Mechanisms controlling abundances, biodiversity and activities of microbes in order to understand the structure and function of marine microbial food webs. Main focus: Single celled eukaryotes (especially phytoplankton) and their interactions with grazers and virus; integrated field and experimental studies of the lower levels of the marine pelagic community. Technical expertise: Flow cytometry, mesocosm experimental work and phytoplankton culturing.

EDUCATION AND QUALIFICATION

1998: Dr. scient., Department of Fisheries and Marine Biology, University of Bergen

1993: Pedagogic Seminary, University of Oslo

1992: Cand. scient., Marine Botany Section, Department of Biology, University of Oslo

EMPLOYMENT POST PhD

2015 - : Researcher I at Uni Research Environment, 2016-2017: Group leader

2015- : Professor 2 at University of Bergen

2010-2015: Researcher II at Uni Research Environment.

2008-2010: Science coordinator at Department of Biology with administration, promotion and coordination of research at UiB, fund raising, funding grants information; application procedures and quality control.

2005-2008: Researcher at the NRC financed projects "Bioprospecting Huge Marine Algal Viruses" UiB/UNIFOB and "DOC turnover in polar microbial food webs" BIO, UiB.

2001-2005: Postdoctor at BIO, UiB. Marine microbial research and teaching.

1999-2001: Researcher at Dept of Microbiol, UiB. Employed at the Strategic University Program "Marine Algal Viruses – Molecular Biology and Ecology"

PROJECT acquisition and project leadership (current and previous)

2013-2017: NRC Research project: MikroPolar (Processes and Playser in Arctic marine Pelagic Food Webs (Project manager and lead PI together with Prof Gunnar Bratbak) (31. 1 mill NOK).

2011-2014: Project manager and lead PI: NRC Research project: A novel cross-disciplinary approach to solve an old enigma: the food-web transfer of the mass-blooming phytoplankter *Phaeocystis* (8. 2 mill NOK).

2009-2010: Administrative project manager: MESOAQUA (4. 6 mill EUR = 36.8 NOK) - a FP7 EU Integrating Activity project.

- 2008-2011: NRC: Viral lysis and programmed cell death in marine phytoplankton (VIPMAP). Grant acquisition (4.7 mill NOK)
- 2004-2008: NRC: Strategic University Project “Biodiversity patterns: Blooms versus stable coexistence in the lower part of marine food webs” (tot. 31.5 mill NOK). Research scientist leading Work Package 1: “Algal-virus interactions”, Dept. of Biology, UiB.

Participation in other research Programs:

- 2017-2019: NRC - Diversity, taxonomy and distribution of marine protists in a changing Arctic (TaxMArc).
- 2016-2020: H2020 – Research and Innovation Framework Program: AQUACOSM
- 2013-2017: FP7- Collaborative project: OCEAN-CERTAIN - Ocean Food-web Patrol – Climate Effects: Reducing Targeted Uncertainties with an Interactive Network
- 2010-2015: FP7-ERC: MINOS (Microbial Network Organization (European Research Council)).
- 2009-2013: NRC: Diversity and dynamics of marine Haptophytes (HAPTODIV)
- 2011-2014: NRC: Sanntidsovervåkning av ballastvann med flow cytometry (MAROFF prosjekt)
- 2012-2015: BIOFEEDBACK - Biogeochemical feedbacks in the climate system - from processes to large scale effects. CO: C. Heinze (UiB). A research program at Centre for Climate Dynamics (SKD)
- 2011-2012: European project on Ocean Acidification (EPOCA)
- 2007-2010: DOC turnover in polar microbial food webs (PAME-Nor)

ADMINISTRATIVE TASKS

- 2014-2015: Appointed member of the “Programplan committee” for developing MARINFORSK (successor program following the research program Havet & Kysten (Norwegian Research Council)).
- 2001-2004: Secretary, Association of Norwegian Oceanographers Society
- 2002-2003: Faculty of Mathematics and Natural Sciences, Substitute member of the board
- 2002: Member of the local Organizing Committee of the 7th Symposium on Bacterial Genetics and Ecology, Bergen Norway 15-19. June 2002.
- 2001-2006: ”Information and Discussion group (IDU)”, Union ”Akademikerne”, substitute member.
- 2000-2001 : Department of Microbiology, board member.

SUPERVISION AND CENCORSHIP

Supervision:

- Presently: Eliana Ruiz Martinez (Phd student, UiB, co-supervisor)
 Maria Lund Paulsen (Phd student, UiB, main supervisor),
 Ana Paulino (Phd student, UiB, co-supervisor)
 Mathilde Lindivat (Phd student, UiB/Høgskulen på Vestlandet, co-supervisor)
- 2016: Ranveig Ottøy Olsen (PhD student, University of Bergen – not formally on supervision committee, but in practice)

- 2016: Bernadette Pree (PhD student, UiB, co-supervisor)
 2015: Torill Vik Johannessen (PhD student, UiB, co-supervisor)
 2012: Birte Töpper (Phd student, UiB, co-supervisor)
 2011: Kriss W. R. Iversen (PhD student, University of Tromsø, co-supervisor)
 2010: Daria Hinz (exchange PhD student, visiting on WUN grant from NOC, Southampton, U.K.)
 2009: Jens Borgaard Larsen (Phd student, UiB, main supervisor)
 2006: Joaquin Martinez-Martinez: (Phd student, Plymouth marine laboratories, UK, informal co-supervisor when he stayed one year in our lab)
 2002: Runar Thyrhaug (Phd student, UiB, co-supervisor)
- 2016 : Emily Maria Olesin (MSc, UiB)
 2014 : Ida Kessel Nordgård (MSc, UiB/UNIS)
 2013 : Ram Poudel (MSc, UiB)
 2007: André Sulen (MSc, UiB)
 2006: Lena Omli (Cand. Scient, UiB)
 2004: Birthe Thuesen Mathisen (Cand. Scient, UiB).
 2003: Mona Brandsdal (Cand. Scient., UiB).
 2003: Kriss Wenche Rokkan Iversen (Cand. Scient., UiB).
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- 2008: Sergio Martínez Sistac (Erasmus student).
 1996: Sarah L. Bryant. (Erasmus student).

Censor

- Lars Nersveen, University of Oslo, January 2011 (MSc)
 Tone Therese Nøklegaard, University of Oslo, January 2006 (MSc)

REVIEWER

- Review tasks for following International Journals: Applied and Environmental Microbiology, Aquatic Microbial Ecology, Environmental Microbiology, Journal of Phycology, J Exp Mar Biol Ecol, Protist, European Journal of Phycology, FEMS Microbial Ecology, Journal of Heredity, J Mar Systems, L&O Methods, Polar Biology
- Review tasks for following Research Councils: United States-Israel binational science foundation; Earth & Life Sciences Council (The Netherlands) ; NSF (US); NERC (U.K).

AWARDS

Awarded the Tyge Christensen prize for 1999 by The International Phycological Society for the paper: Larsen, A. & Edvardsen, B.: *Relative ploidy levels in Prymnesium parvum and P. patelliferum (Haptophyta) analyzed by flow cytometry*” (*Phycologia* 37: 412-424).

PUBLICATION LIST

Published Scientific publications

1. Segovia M, Lorenzo MR, Maldonado MT, **Larsen A**, Berger SA, Tsagaraki TM, Lázaro FJ, Iñiguez C, García-Gómez C, Palma A, Mausz MA, Gordillo FJL, Fernández JA, Ray JL, Egge JK 2017. Iron availability modulates the effects of future CO₂ levels within the marine planktonic food web. *Mar Ecol Prog Ser*. doi: 10.3354/meps12025
2. Riebesell U, Bach LT, Bellerby RGJ, Bermúdez Monsalve JR, Boxhammer T, Czerny J, **Larsen A**, Ludwig A, Schulz KG 2017. Ocean acidification can impair competitive

- fitness of a predominant pelagic calcifier. *Nature Geoscience* Vol 10 p19-24 DOI: 10.1038/NGEO2854
3. Pree B, **Larsen A**, Egge JK, Simonelli P, Madhusoodhanan R, Tsagaraki TM, Våge S, Erga SR, Bratbak G, Thingstad TF 2016. Dampened copepod-mediated trophic cascades in a microzooplankton dominated microbial food web: A mesocosm study. *Limnol. Oceanogr* doi: 10.1002/lno.10483
 4. Ray JL, Althammer J, Skaar KS, Simonelli P, **Larsen A**, Stoecker D, Sazhin A, Ijaz UZ, Quince C, Nejstgaard JC, Frischer M, Pohnert G, Troedsson C. 2016. Metabarcoding and metabolome analysis of copepod grazing reveals feeding preference and linkage to metabolite classes in dynamic microbial plankton communities. *Molecular Ecology* (2016) doi: 10.1111/mec.13844
 5. Paulsen ML, Doré H, Garczarek L, Seuthe L, Müller O, Sandaa R-A, Bratbak G, **Larsen A** 2016. *Synechococcus* in the Atlantic gateway to the Arctic. *Frontiers in Marine Science* 3:191. doi: 10.3389/fmars.2016.00191
 6. Bach LT, Boxhammer T, **Larsen A**, Hildebrandt N, Schulz KG, Riebesell U. 2016. Influence of plankton community structure on the sinking velocity of marine aggregates, *Global Biogeochem. Cycles*, 30,1145–1165, doi:10.1002/2016GB005372.
 7. Olsen RO, Hess-Erga O-K, **Larsen A**, Hoffmann F, Thuestad G, Hoell IA. 2016. Flow cytometry analysis is applicable to evaluate vitality of UV irradiated *Tetraselmis suecica* dual stained with CFDA-AM and SYTOX Blue. *Aquatic Biology* 25: 39-52 doi: 10.3354/ab00662
 8. Bermúdez, J. R., Riebesell U, **Larsen A**, Winder, M. 2016. Ocean acidification reduces transfer of essential biomolecules in a natural plankton community. *Sci. Rep.* **6**, 27749; doi: 10.1038/srep27749
 9. Ray JL, Skaar KS, Simonelli P, **Larsen A**, Sazhin A, Jakobsen H, Nejstgaard JC, Troedsson C 2016. In situ molecular gut content analysis demonstrates that *Calanus* grazing on *Phaeocystis pouchetii* and *Skeletonema marinoi* in mesocosms is uncoupled from prey density but sensitive to bloom phase. *Marine Ecology Progress Series*. 542: 63-77. DOI: 10.3354/meps11560.
 11. Olsen RO, Hoffmann F, Hess-Erga O-K, **Larsen A**, Thuestad G, Hoell I. 2016. Ultraviolet radiation as a ballast water treatment strategy: Inactivation of phytoplankton measured with flow cytometry. *Marine Pollution Bulletin* 103: 270-275 [10.1016/j.marpolbul.2015.12.008](http://dx.doi.org/10.1016/j.marpolbul.2015.12.008)
 12. Webb AL, Malin G, Hopkins FE, Ho KL, Riebesell U, Schulz KG, **Larsen A**, Liss PS 2015. Ocean acidification has different effects on the production of dimethylsulfide and dimethylsulfoniopropionate measured in cultures of *Emiliania huxleyi* and a mesocosm study: a comparison of laboratory monocultures and community interactions. *Environ. Chem.* <http://dx.doi.org/10.1071/EN14268>
 13. Olsen RO, Hess-Erga O-K, **Larsen A**, Thuestad G, Tobiesen A, Hoell IA. 2015. Flow cytometric applicability to evaluate UV inactivation of phytoplankton in marine water samples. *Marine Pollution Bulletin*.96: 279-285. <http://dx.doi.org/10.1016/j.marpolbul.2015.05.012>
 14. Stoecker, DK, Nejstgaard JC, Madhusoodhanan R, Pohnert G, Wolfram S, Jakobsen HH, Šulčius S, Simonelli P, **Larsen A**. 2015. Under-estimation of microzooplankton grazing in dilution experiments due to inhibition of phytoplankton growth. *Limnol. Oceanogr.* doi: 10.1002/lno.10106.
 15. Egge, E. S., Andersen, T., Eikrem, W., Johannessen, T.V., Bittner, L., **Larsen, A.**, Sandaa, R.-A. & Bente Edvardsen. 2015. Seasonal dynamics of haptophytes in Skagerrak explored by 454 pyro sequencing of SSU. *Molecular Ecology* 24: 3026-3042. DOI: 10.1111/mec.13160

16. Pree, B, Kuhlisch, C, Pohnert, G, Sazhin, A, Jakobsen, HH, Lund Paulsen, M, Frischer, ME, Stoecker, D, Nejstgaard, JC, **Larsen, A**. 2015. A simple adjustment to test reliability of bacterivory rates derived from the dilution method. *Limnol. Oceanogr Methods* doi: 10.1002/lom3.10076.
17. **Larsen A**, Egge JK, Nejstgaard JC, Capua ID, Thyrhaug R, Bratbak G, Thingstad TF. 2015. Contrasting response to nutrient manipulation in Arctic mesocosms are reproduced by a minimum microbial food web model. *Limnol. Oceanogr.* 60: 360–374. doi:10.1002/lno.10025
18. Johannessen TV, Bratbak G, **Larsen A**, Ogata H, Egge ES, Edvardsen B, Eikrem W, Sandaa R-A. 2014. Characterisation of three novel giant viruses reveals huge diversity among viruses infecting Prymnesiales (Haptophyta). *Virology*, **476**, 180-188. doi:10.1016/j.virol.2014.12.014
19. Ray, JL, Haramaty L, Thyrhaug R, Fredricks, HF, Van Mooy BAS, **Larsen A**, Bidle KD, Sandaa R-A. 2014. Virus infection of *Haptolina ericina* and *Phaeocystis pouchetii* implicates evolutionary conservation of programmed cell death induction in marine haptophyte-virus interactions. *J Pl Res* doi: 10.1093/plankt/fbu029
20. Pagarete A, Lanzén A, Puntervoll P, Sandaa R-A, **Larsen A**, Larsen J, Allen MJ, Bratbak G. 2013. *Genomic sequence and analysis of EbV-99b1, a new coccolithovirus from the Norwegian fjords. Intervirology* 53: 60-66. DOI: 10.1159/000341611.
21. Vardi A, Haramty L, Van Mooy B, Fredricks H, Kimmance S, **Larsen A**, Bidle K 2012. *Host–virus dynamics and subcellular controls of cell fate in a natural coccolithophore population* PNAS 109 (47): 19327–19332.
22. Heldal M, Norland S, Erichsen ES, Sandaa R-A, **Larsen A**, Thingstad F Bratbak G 2012. *Mg²⁺ as an indicator of nutritional status in marine bacteria*. The ISME Journal doi:10.1038/ismej.2011.130
23. Bratbak G, Jacquet S, **Larsen A**, Pettersson LH, Sazhin AF, Thyrhaug R. 2011 The plankton community in Norwegian coastal waters - abundance, composition, spatial distribution and diel variation. *Continental Shelf Research* doi:10.1016/j.csr.2011.06.014
24. Töpper B, **Larsen A**, Thingstad TF, Thyrhaug R Sandaa R-A. 2010. Bacterial community composition in an Arctic phytoplankton mesocosm bloom: the impact of silicate and glucose. 2011. *Polar Biology* DOI 10.1007/s00300-010-0846-4
25. Thingstad TF, Strand E, **Larsen A**. 2010. Stepwise building of plankton functional type (PFT) models: A feasible route to complex models. *Progress in Oceanography* 84: 6-15.
26. Iversen KR, Primicerio R, **Larsen A**, Egge JK, Peters F, Guadayol O, Jacobsen A, Havskum H & Marrase C 2010. Effects of small-scale turbulence on lower trophic levels under different nutrient conditions. *Journal of Plankton Research* 32: 197-208
27. Egge JK, Thingstad TF, **Larsen A**, Engel, A, Wohlers J, Bellerby RGJ, Riebesell U. 2009. Primary production during nutrient-induced blooms at elevated CO₂ concentrations. *Biogeoscience* 6, 877–885.
28. **Larsen A**, Tanaka, T., Zubkov, M. V. & Thingstad F. 2008. P-uptake measurements of specific osmotroph populations using cell-sorting flow cytometry. *Limnology and Oceanography Methods* 6: 355-363.
29. Thingstad TF, R.G.J. Bellerby, G Bratbak, KY Børsheim, JK Egge, M Heldal, **A Larsen**, C Neill, J Nejstgaard, S Norland, R-A Sandaa, EF Skjoldal, T Tanaka, R Thyrhaug, B Töpper. 2008. Counterintuitive food web response to organic carbon enrichment in an arctic pelagic ecosystem. *Nature* 455: 387-390 (doi:10.1038/nature07235).

30. Larsen JB, **Larsen A**, Bratbak G, and Sandaa R.-A. 2008. Phylogenetic Analysis of Members of the *Phycodnaviridae* Virus Family, Using Amplified Fragments of the Major Capsid Protein Gene. *Applied and Environmental Microbiology* 74: 3048–3057.
31. Paulino, A.I., Egge JK, **Larsen A**. 2008. Effects of increased atmospheric CO₂ on small and intermediate sized osmotrophs during a nutrient induced phytoplankton bloom. *Biogeoscience* 5, 739–748.
32. Tanaka T, Thingstad TF, Løvdaal T, Grossart H-P, **Larsen A**, Allgaier M, Meyerhöfer M, Schulz KG, Wohlers J, Zöllner E, Riebesell U. 2008. Availability of phosphate for phytoplankton and bacteria and of glucose for bacteria at different pCO₂ levels in a mesocosm study. *Biogeoscience* 5: 669–678.
33. Larsen, J. B., **Larsen, A.**, Thyrhaug, R., Bratbak, G, and Sandaa, R-A. 2008. Response of marine viral populations to a nutrient induced phytoplankton bloom at different pCO₂ levels. *Biogeosciences* 5: 523-533.
34. Jacobsen A, **Larsen A**, Martínez-Martínez J, Frischer ME, Verity PG. 2007. Susceptibility of colonies and colonial cells of *Phaeocystis pouchetii* (Haptophyta) to viral infection. *Aquatic Microbial Ecology*. 48: 105-112.
35. Whipple SJ, BC Patten, PG Verity, ME Frischer, JD Long, JC Nejtgaard, JT Anderson, A Jacobsen, **A Larsen**, J Martinez-Martinez, and SR Borrett. 2007. Gaining integrated understanding of *Phaeocystis* spp. through model-driven laboratory and mesocosm studies. *Biogeochemistry* DOI 10.1007/s10533-007-9089-z
36. Wingenter OW, Haase KB, Zeigler M, Blake DR, Rowland FS, Sive BC, Varner RK, Paulino A, Thyrhaug R, **Larsen A**, Schulz K, Meyerhöfer M, Riebesell U. 2007. Unexpected consequences of increasing CO₂ and ocean acidity on marine production of DMS and CH₂Cl₂: Potential climate impacts *Geophysical Research Letters*, 34, L05710, doi:10.1029/2006GL028139 .
37. Sinha V, Williams J, Meyerhöfer M, Riebesell U, Paulino AI, **Larsen A**. 2007. Air-sea fluxes of methanol, acetone, acetaldehyde, isoprene and DMS from a Norwegian fjord following a phytoplankton bloom in a mesocosm experiment. *Atmos. Chem. Phys.* 7: 739-755.
38. Martínez-Martínez J, Schroeder DC, **Larsen A**, Bratbak G & Wilson WH. 2007. Molecular dynamics of *Emiliana huxleyi* and their co-occurring viruses during two separate mesocosm studies. *Applied and Environmental Microbiology*. 73 (2): 554-562.
39. Nejtgaard JC, Frischer ME, Verity PG, Anderson JT, Jacobsen A, Zirbel MJ, **Larsen A**, Martínez-Martínez J, Sazhin AF, Walters T, Bronk DA, Whipple SJ, Borrett SR, Patten BC, Long JD. 2006. Plankton development and trophic transfer in sea water enclosures added nutrients and *Phaeocystis pouchetii*. *Marine Ecology Progress Series* 321: 99-121.
40. Sandaa, R-A & **Larsen A**. 2006. Seasonal variations in viral-host populations in Norwegian coastal waters: Focusing on the cyanophage community infecting marine *Synechococcus* species. *Applied and Environmental Microbiology* 72 (7): 4610-4618.
41. Martínez- Martínez J, Norland S, Thingstad TF, Schroeder DC, Bratbak G, Wilson WH & **A. Larsen**. 2006. Variability in microbial population dynamics between similarly perturbed mesocosms. *Journal of Plankton Research* 28 (8): 783-791.
42. Muller, FLL, **Larsen A**, Stedmon CA & Søndergaard M. 2005. Interactions between algal-bacterial populations and trace metals in fjord surface waters during a nutrient-stimulated summer bloom. *Limnol. Oceanogr.* 50 (6): 1855-1871.
43. **Larsen A**, Flaten GA Fonnes, Sandaa RA, Castberg T, Thyrhaug R, Erga SR, Jacquet S & Bratbak G. 2004. Spring phytoplankton bloom dynamics in Norwegian coastal waters: Microbial community succession and diversity. *Limnol. Oceanogr.* 49: 180-190.
44. Thyrhaug R, **Larsen A**, Thingstad TF & Bratbak G. 2003. Stable coexistence in marine algal host-virus systems. *Mar. Ecol. Progr. Ser.* 254: 27-35.

45. Castberg T, Thyrhaug R, **Larsen A**, Sandaa R-A, Heldal M, van Etten JL & Bratbak G. 2002. Isolation and characterization of a virus that infects *Emiliana huxleyi* (Haptophyta). *J. Phycol.* 38: 767-774.
46. Thyrhaug T, **Larsen A**, Brussaard CPD & Bratbak G. 2002. Cell cycle dependent virus production in marine phytoplankton. *J. Phycol.* 38: 338-343.
47. Jacquet S, Heldal M, Iglesias-Rodriguez D, **Larsen A**, Wilson W & Bratbak G. 2002. Flow cytometric analysis of an *Emiliana huxleyi* bloom terminated by viral infection. *Aq. Microb. Ecol.* 27:111-124.
48. Castberg T, **Larsen A**, Brussaard CPD, Egge J, Heldal M, Paulino A, Sandaa R-A, Thyrhaug R, van Hannen E & Bratbak G. 2001. Microbial population dynamics and diversity during blooms of the marine coccolithophorid *Emiliana huxleyi* (Haptophyta). *Mar. Ecol. Progr. Ser.* 221: 39-46.
49. **Larsen A**, Castberg T, Sandaa R-A, Brussaard CPD, Egge J, Heldal M, Paulino A, Thyrhaug R, van Hannen E & Bratbak G. 2001. Population dynamics and diversity of phytoplankton, bacteria and virus in a seawater enclosure. *Mar. Ecol. Progr. Ser.* 221: 47-57.
50. Medlin L K, Lange M, Edvardsen B. & **Larsen A**. 2000. Cosmopolitan flagellates and their genetic links. In: *The Flagellates: Unity, diversity and evolution*, Green JC & Leadbeater BSC (ed.), Taylor & Francis Limited, London, p. 288-308.
51. **Larsen A**. 1999. Research Note: *Prymnesium parvum* and *P. patelliferum* (Haptophyta) – one species. *Phycologia* 38 (6): 541-543.
52. **Larsen A** & Bryant S. 1998. Growth rate and toxicity of *Prymnesium parvum* and *Prymnesium patelliferum* (Haptophyta) in response to changes in salinity, light, and temperature. *Sarsia* 83: 409-418.
53. **Larsen A** & Edvardsen B. 1998. A study of relative ploidy levels in *Prymnesium parvum* and *P. patelliferum* (Haptophyta) analysed by flow cytometry. *Phycologia* 37: 412-424.
54. **Larsen A.** & Medlin LK. 1997. Inter - and intraspecific genetic variation in twelve *Prymnesium* (Haptophyta) clones. *J. Phycol.* 33: 1007-1015.
55. **Larsen A**, Eikrem W & Paasche E. 1993. Growth and toxicity in *Prymnesium patelliferum* isolated from Norwegian waters. *Can. J. Bot.* 71: 1357-136.

Invited speaker

Larsen, A. [µP] - why, where, what? Fort Hjort-seminar, Bergen 13. 02. 15.

Larsen, A., Bødker, G. "Olje er en kilde til organisk karbon for mikroorganismer – Hvordan kan oljesol påvirke strukturen til det mikrobielle næringsnett i nordområdene?" "Oljeforurensning i nordområdene med fokus på Barentshavet" UNI-Research WS Bergen 18. 01. 2011

Larsen, A. *The microbial loop and viruses.* ARCTOS (Arctic marine ecosystem research network) - all meeting October 7th 2008, University of Tromsø.

Larsen, A. *Flow Sorting in a Marine Microbial World.* BD FACS Users Meeting. Living Cells in Focus – Cell Function in Cytometry. Oslo, Norway. February 6-7, 2006.

Larsen A. Thyrhaug R, Sandaa R-A, Castberg T, Brussaard, CPD, Jacobsen A, Jacquet S, Heldal M, Thingstad TF, Bratbak G. *Marine Phytoplankton viruses – ecology, physiology and host virus interactions.* Ocean Science Meeting, ASLO (American Society of Limnology and Oceanography), Honolulu, Hawaii. 11-15. February 2002.

Popular science

From the NFR funded MicroPolar project (co-PI-ed by Aud Larsen):

Norwegian Broadcast documentary: "The invisible helpers"

Other links to pop-vit from MicroPolar:

<https://tv.nrk.no/serie/schrodingers-katt/DMPV73002315/26-11-2015>
<https://www.facebook.com/themicropolarproject>
<http://micropolar.blogspot.no/>
<http://www.uib.no/en/rg/mm/94105/invisible-helpers-nrk>
<http://www.uib.no/en/rg/mm/97022/chasing-polar-microbes>

- “*Phaeocystis pouchetii bloom from the perspective of heterotrophic bacteria*”. Pree B, **Larsen** et al. 2014. IMBER Newsletter No. 27, sept 2014.
- «*The secrets of the Sea*» - FOCUS Article in HUBRO International edition 2013/2014 (University of Bergen’s research and education magazine)
- ”*Føling med fjara*” – På Høyden 12. 05. 2011. (**Larsen, A.** mfl.). Interview during participation in an international research project on ocean acidification (http://nyheter.uib.no/?modus=vis_nyhet&id=48858)
- ”*Klimautslipp tar knekken på virus*”- På Høyden 21.04.08 and forskning.no 23.04.08 (Larsen, J. & **Larsen, A.**) http://nyheter.uib.no/?modus=vis_nyhet&id=40007
<http://www.forskning.no/artikler/2008/april/179915>
- ”*Av og til er en nanometer nok*” Talk at ”Forskningsdagene 2007 i Bergen” 22.09.07 (Larsen, A. & Sandaa, R-A.)
- ”*Maneter, virus og bakterier*” - Participation at NRK P2 ”Verdt å vite” 20.08.04 http://www.nrk.no/programmer/radioarkiv/verdt_a_vite/4012748.html (**Larsen, A.** & Sandaa, R-A)
- ”*Alger og virus: Kampen for tilværelsen på mikronivå*” - Lecture at ”Faglig Pedagogisk dag”, UiB, 02.02.01 (**Larsen, A** & Thyrhaug, R)
- ”*Molekylærbiologiske teknikker - hva kan de brukes til innen algeforskningen?*” Lecture at ”Faglig Pedagogisk dag”, UiB, 07.02.97 (**Larsen, A.**)