

# List of publications, Jakob Löndahl

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## Four children aged 4-12 yrs. Parental leave for in total more than three years during 2007-2020.

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**Summary:** 51 accepted peer-reviewed original articles in international scientific journals (8 as first author, 14 as last), 157 peer-reviewed abstracts at international conferences, 5 chapters in books or reports, 1 accepted patent, 8 comprehensive computer programs (LabVIEW), >40 popular science articles both nationally and internationally, blog writer about science for Forskning&Framsteg.

**In total 77 talks:** 35 invited research talks at conferences and meetings, 12 invited popular science talks, 25 oral presentations at international scientific conferences and 6 times invited as lecturer on PhD courses outside Sweden.

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Author identifier: B-8217-2014 (Löndahl, J)

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Doctoral Thesis, Löndahl, J., 2009. Experimental Determination of the Deposition of Aerosol Particles in the Human Respiratory Tract. Lund University. ISBN 978-91-628-7702-6

Licentiate dissertation, Löndahl, J. 2006. Health-related aerosol particle studies – respiratory tract deposition and indoor source identification. Doc: LUTFD2/(TFKF-3099)/1-35/2006

## Peer-reviewed articles in international journals

- 51) Alsvéd, M., Widell, A., Dahlin, H., Karlson, S., Medstrand, P., **Löndahl, J.** (2020), “Aerosolization and Recovery of Viable Murine Norovirus in an Experimental Setup”, accepted for publication in *Scientific Reports*
- 50) Alsvéd, M., Matamis, A., Bohlin, R., Richter, M., Bengtsson, P-E, Fraenkel, C-J, Medstrand, P., **Löndahl, J.**, (2020), “Exhaled respiratory particles during singing and talking”, accepted for publication in *Aerosol Science and Technology*
- 49) Hussein, T., Alameer, A., Jaghbeir, O., Albeitshaweesh, K., Malkawi, M., Boor, B.E., Koivisto, A.J., **Löndahl, J.**, Alrifai, O., Al-Hunaiti, A., (2020) “Indoor Particulate Matter and Gaseous Pollutant Exposure levels inside Middle Eastern Microenvironments”, *Atmosphere*, 11:41
- 48) Alsvéd, M., Bourouiba, L., Duchaine, C., **Löndahl, J.**, Marr, L.C., Parker, S.T., Prussin II, A.J., Thomas, R.J. (2019), “Natural sources and experimental generation of bioaerosols: Challenges and Perspectives”, accepted for publication in *Aerosol Science and Technology*
- 47) Hussein, T., Saleh, S., dos Santos, V.N., Boor B.E., Koivisto, J., **Löndahl, J.**, (2019) “Regional Inhaled Deposited Dose of Urban Aerosols in an Eastern Mediterranean City”, *Atmosphere* 10, 530
- 46) Alsvéd, M., Fraenkel C-J., Bohgard, M., Widell A., Söderlund-Strand A., Lanbeck P., Holmdahl T., Isaxon C., Gudmundsson A., Medstrand P., Böttiger B., **Löndahl, J.**, (2020) “Sources of Airborne Noroviruses in Hospital Outbreaks”, accepted for publication in *Clinical Infectious Diseases*, 70(10), 2023-2028
- 45) Koivisto, J., Kling, K.I., Hänninen, O., Jayjock, M., **Löndahl, J.**, Wierzbicka, A., Fonseca, A.S., Uhrbrand, K., Boor, B.E., Jiménez, A.S., Hämeri, K., Dal Maso, M., Arnold, S.F., Jensen, K.A., Viana, M., Morawska, L., Hussein, T., “Source specific exposure and risk assessment for indoor aerosols”, *Science of the Total Environment*, 668:13-23
- 44) Madueño, L., Kecorius, S., **Löndahl, J.**, Müller, T., Pfeifer, S., Haudek, A., Mardoñez, V. and Wiedensohler, A., (2019) “A New Method to Measure Real-World Respiratory Tract Deposition of Inhaled Ambient Black Carbon”, *Environmental Pollution* 248: 295-303
- 43) Kecorius, S., Madueño, L., **Löndahl, J.**, Vallar, E., Galvez, M.C., Idolor, L.F., Gonzaga-Cayetano, M., Müller, T., Birmili, W., and Wiedensohler, A., (2019), “Respiratory Tract Deposition of Inhaled Roadside Ultrafine Refractory Particles in a Polluted Megacity of South-East Asia”, *Science of the Total Environment*, 663:265-274

- 42) Alsved, M., Holm, S., Christiansen, S., Smidt, M., Ling, M., Boesen, T., Finster, K., Bilde, M., **Löndahl, J.**, Šantl-Temkiv, T., (2018), "Effect of aerosolization and drying on the viability of *Pseudomonas syringae* cells", *Frontiers in Microbiology*, 9:3086
- 41) Andersen, C., Kraus, A.M., Eriksson, A.C., Jakobsson, J.K.F., **Löndahl, J.**, Nielsen, J., Lindh, C.H., Pagels, J., Gudmundsson, A., Wierzbicka, A., (2018) "Inhalation and dermal uptake of particle and gas phase phthalates – a human exposure study", *Environmental Science & Technology*, 52(21):12792-12800
- 40) Jakobsson, J.K., Wollmer, P., **Löndahl, J.**, (2018), "Charting the human respiratory tract with airborne nanoparticles - evaluation of the Airspace Dimension Assessment technique", *Journal of Applied Physiology*, 125(6):1832-1840
- 39) Jakobsson, J.K., Aaltonen, H.L., Nicklasson, H., Gudmundsson, A., Rissler, J., Wollmer, P. and **Löndahl, J.**, (2018) "Altered deposition of inhaled nanoparticles in subjects with chronic obstructive pulmonary disease", *BMC Pulmonary Medicine*, 18(129):1-11
- 38) Aaltonen, H.L., Jakobsson, J.K., Diaz, S., Zackrisson, S., Piitulainen, E., **Löndahl, J.**, Wollmer, P., (2018), "Deposition of inhaled nanoparticles is reduced in subjects with COPD and correlates with the extent of emphysema: proof of concept for a novel diagnostic technique", *Clinical Physiology and Functional Imaging*, 38:1008-1014
- 37) Aaltonen, H.L., Kindvall, S.S., Jakobsson, J.K., **Löndahl, J.**, Olsson, L.E., Diaz, S., Zackrisson, S. and Wollmer, P., (2018), "Airspace Dimension Assessment with nanoparticles reflects lung density as quantified by MRI", *International Journal of Nanomedicine*, 13, p.2989.
- 36) Ling, M.L., Wex, H., Grawe, S., Jakobsson, J., **Löndahl, J.**, Hartmann, S., Finster, K., Boesen, T. and Šantl-Temkiv, T., (2018), "Effects of ice nucleation protein repeat number and oligomerization level on ice nucleation activity", *Journal of Geophysical Research: Atmospheres*, 123(3):1802-1810.
- 35) Alsved, M., Civilis, A., Ekolind, P., Tammel, A., Erichsen Andersson, A., Jakobsson, J., Svensson, T., Ramstorp, M., Sadrizadeh, S., Larsson, P-A, Bohgard, M., Šantl-Temkiv, T., **Löndahl, J.**, (2018), "Temperature controlled airflow ventilation in operating rooms compared with laminar airflow and turbulent mixed airflow", *Journal of Hospital Infection*, 98(2):181-190
- 34) Šantl-Temkiv, T., Amato, P., Gosewinkel, U., Thyrhaug, R., Charton, A., Chicot, B., Finster, K., Bratbak, G., **Löndahl, J.**, (2017) "A high-flow-rate impinger for the study of concentration, viability, metabolic activity, and ice nucleation activity of airborne bacteria", *Environmental Science and Technology*, 51:11224–11234
- 33) Rissler, J., Nicklasson, H., Gudmundsson, A., Wollmer, P., Swietlicki, E., **Löndahl, J.** (2017) "Deposition efficiency of inhaled particles (15-5000 nm) related to breathing pattern and lung function: an experimental study in healthy children and adults", *Particle and Fibre Toxicology*, 14(1): 1-12.
- 33) Dierschke, K., Isaxon, C., Andersson, U.B.K., Assarsson, E., Axmon, A., Barregård, L., Gudmundsson, A., Jönsson, B.A.G., Kåredal, M., **Löndahl, J.**, Pagels, J., Wierzbicka, A., Bohgard, M., Nielsen, J., (2017), "Respiratory effects and biomarkers of inflammation due to welding derived nanostructured particles", *International Archives of Occupational and Environmental Health*, 90(5):451-463
- 31) Rissler, J., Nicklasson, H., Gudmundsson, A., Wollmer, P., Swietlicki, E., **Löndahl, J.** (2017) "A set-up for respiratory tract deposition efficiency measurements (15-5000 nm) and first results for a group of children and adults", *Aerosol and Air Quality Research*, 17(5): 1244-1255
- 30) **Löndahl, J.**, Jakobsson, J., Broday, D.M., Aaltonen, L., Wollmer, P. (2017), "Do nanoparticles provide a new opportunity for diagnosis of pulmonary disease?", *International Journal of Nanomedicine*, 12: 41–51
- 29) Jakobsson, J.K.F., Hedlund, J., Kumlin, J., Wollmer, P., **Löndahl, J.** (2016). "A new method for measuring lung deposition efficiency of airborne nanoparticles in a single breath", *Scientific Reports*, 6:36147
- 28) Tesson, S., Ambelas Skjøth, C., Šantl-Temkiv, T., and **Löndahl, J.**, (2016). "Airborne Microalgae: Insights, Opportunities and Challenges", *Applied and Environmental Microbiology*, 82(7), pp.1978-1991
- 27) Caplat, P., Edelaar, P., Dudaniec, R.Y., Green, A.J., Okamura, B., Cote, J., Ekroos, J., Jonsson, P.R., **Löndahl, J.**, Tesson, S.V.M., Petit, E.J. (2016), "Looking beyond the mountain: dispersal barriers in a changing world", *Frontiers in Ecology and the Environment*, 14(5): 261-268
- 26) Tesson, S.V.M., Okamura, B., Dudaniec, R.Y., Vyverman, W., **Löndahl, J.**, Rushing, C., Valentini, A., Green, A.J., (2016), "Integrating microorganism and macroorganism dispersal: modes, techniques and challenges with particular focus on co-dispersal", *Ecoscience*, 22:109-124

- 25) Muala, A., Nicklasson, H., Boman, C., Swietlicki, E., Nyström, R., Pettersson, E., Bosson, J.A., Rissler, J., Blomberg, A., Sandström, T., **Löndahl, J.**, (2015), "Respiratory tract deposition of inhaled wood smoke particles in healthy volunteers", *Journal of Aerosol Medicine*, 28:237-246
- 24) Levin, M., Gudmundsson, A.; Pagels, J., Fierz, M., Mølhave, K., **Löndahl, J.**, Jensen, K., Koponen, I., (2015), "Limitations in the use of unipolar charging for electrical mobility sizing instruments: A study of the Fast Mobility Particle Sizer", *Aerosol Science and Technology*, 49:556–565
- 23) **Löndahl, J.**, Möller, W., Pagels, J., Kreyling, W.G., Swietlicki, E., Schmid, O., (2014), "Measurement Techniques for Respiratory Tract Deposition of Airborne Nanoparticles: A Critical Review", *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, 27:229-254 [most read paper in 2014 in JAMPDD]
- 22) Kuklane, K., Lundgren, K., Gao, C., **Löndahl, J.**, Swietlicki, E., Becker, P., Olsson, L., Taj, T., Persson, K., Östergren, P.O., Malmqvist, E., Sternudd, C., Samuels, M., Gooch, P., Dalholm Hornyanszky, E., Alkan Olsson, J., Kjellstrom, T. (2014) "Ebola: improved design of protective clothing for emergency workers could enhance the efforts to contain the epidemic, due to better coping with heat stress", *Annals of Occupational Hygiene*, 59:258-261
- 21) Markowicz, P., **Löndahl, J.**, Wierzbicka, A., Suleimanc, R., Shihadeh, A, Larsson, A., (2014), "A study on particles and some microbial markers in waterpipe tobacco smoke", *Science of the Total Environment*, 499:107-113
- 20) Wierzbicka, A., Bohgard, M., Pagels, J.H., Dahl, A., **Löndahl, J.**, Hussein, T., Swietlicki, E. and Gudmundsson, A., (2014), "Quantification of differences between occupancy and total monitoring periods for better assessment of exposure to particles in indoor environments", *Atmospheric Environment*, 106:419-428
- 19) Hussein, T., Wierzbicka, A., **Löndahl, J.**, Lazaridis, M., Hänninen, O., 2014, "Indoor aerosol modeling for assessment of exposure and respiratory tract deposited dose", *Atmospheric Environment*, 106:402-411
- 18) Rissler, J., Nordin, E.Z., Eriksson, A.C., Nilsson, P.T., Frosch, M., Sporre, M.K., Wierzbicka, A., Svenningsson, B., **Löndahl, J.**, Messing, M.E., Sjogren, S, Hemmingsen, J.G., Loft, S., Pagels, J.H., Swietlicki, E., (2014), "Effective density and mixing state of aerosol particles in a near-traffic urban environment", *Environmental Science and Technology*, 48: 6300-6308
- 17) Nordin, E.Z., Eriksson, A. C., Roldin, P., Nilsson, P. T., Carlsson, J. E., Kajos, M. K., Hellén, H., Wittbom, C., Rissler, J., **Löndahl, J.**, Swietlicki, E., Svenningsson, B., Bohgard, M., Kulmala, M., Hallquist, M., and Pagels, J., (2013), "Secondary organic aerosol formation from gasoline passenger vehicle emissions investigated in a smog chamber", *Atmospheric Chemistry and Physics*, 13:6101-6116
- 16) Hussein, T., **Löndahl, J.**, Paasonen, P., Koivisto, A.J., Petäjä, T., Hämeri, K., and Kulmala, M., (2013), "Modeling regional inhaled dose of submicron aerosol particles", *Science of the Total Environment*, 458-460:140-149
- 15) Isaxon, C. Dierschke, K., Pagels, J., Wierzbicka, A., Gudmundsson, A., **Löndahl, J.**, Hagerman, I., Berglund, M., Assarsson, A., Andersson, U.B., Jönsson, B.A.G, Nøjgaard, J.K., Eriksson, A., Nielsen, J., Bohgard, M. (2013), "Realistic indoor nano-aerosols for a human exposure facility", *Journal of Aerosol Science*, 60:55-66
- 14) Kristensson, A., Rissler, J., **Löndahl, J.**, Johansson, C., Swietlicki, E. (2013), "Size-resolved respiratory tract deposition of sub-micrometer aerosol particles in a residential area with wintertime wood combustion", *Aerosol and Air Quality Research*, 13:24-35
- 13) Isaxon, C., Dierschke, K., Pagels, J., **Löndahl, J.**, Gudmundsson, A., Hagerman, I., Berglund, M., Wierzbicka, A., Assarsson, A., Andersson, A.B., Jönsson, B.A.G, Messing, M.E., Nielsen, J. & Bohgard, M., (2013), "A novel system for source characterization and controlled human exposure to nanoparticle aggregates generated during gas-metal arc welding", *Aerosol Science and Technology*, 47:52-59
- 12) **Löndahl, J.**, Swietlicki, E., Rissler, J., Bengtsson, A., Boman, C., Blomberg, A. and Sandström, T. (2012). "Experimental Determination of the Respiratory Tract Deposition of Diesel Combustion Particles in Patients with Chronic Obstructive Pulmonary Disease", *Particle and Fibre Toxicology*, 9:30, 1-8
- 11) Rissler, J., Swietlicki, E., Bengtsson, A., Boman, C., Pagels, J., Sandström, T., Blomberg, A., **Löndahl, J.** (2012). "Experimental determination of deposition of diesel exhaust particles in the human respiratory tract", *Journal of Aerosol Science*, 48:18-33

- 10) Roldin, P., Swietlicki, E., Massling, A., Kristensson, A., **Löndahl, J.**, Eriksson, A., Pagels, J., and Gustafsson, S. (2011). "Aerosol ageing in an urban plume – implications for climate and health", *Atmospheric Chemistry and Physics*, 11, 5897-5915
- 9) **Löndahl, J.**, Swietlicki, E., Lindgren, E. and Loft, S. (2010). "Aerosol exposure versus aerosol cooling of climate: What is the optimal emission reduction strategy for human health?", *Atmospheric Chemistry and Physics*, 10, 9441-9449
- 8) Sehlstedt, M., Dove, R. Boman, C., Mudway, I.S., Pagels, J., Swietlicki, E., **Löndahl, J.**, Westerholm, R., Bosson, J., Barath, S., Behndig, A.F., Pourazar, J., Sandström, T., Blomberg, A. (2010). "Antioxidant airway responses following experimental exposure to wood smoke in man", *Particle and Fibre Toxicology*, 7:21
- 7) Barath, S., Mills, N. L., Lundbäck, M., Törnqvist, H., Lucking, A. J., Langrish, J. P., Söderberg, S., Boman, C., Westerholm, R., **Löndahl, J.**, Donaldson, K., Mudway, I. S., Sandström, T., Newby, D. E., Blomberg, A. (2010). "Impaired vascular endothelial function after exposure to diesel exhaust generated at urban conditions" *Particle and Fibre Toxicology*, 7:19
- 6) **Löndahl, J.**, Massling, A., Vaclavik Bräuner, E., Swietlicki, E., Ketznel, M., Pagels, J. and Loft, S. (2009). "Experimentally Determined Human Respiratory Tract Deposition of Airborne Particles at a Busy Street" *Environmental Science & Technology* 43:4659-4664
- 5) Nilsson, E., Swietlicki, E., Sjögren, S., **Löndahl, J.** and Nyman, M. (2009). "Development of an H-TDMA for long-term unattended measurement of the hygroscopic properties of atmospheric aerosol particles", *Atmospheric Measurement Techniques*, 2:313-318
- 4) **Löndahl, J.**, Pagels, J., Boman, C., Swietlicki, E., Massling, A., Rissler, J., Blomberg, A. and Sandström, T. (2008). "Deposition of Biomass Combustion Aerosol Particles in the Human Respiratory Tract", *Inhalation Toxicology* 20:923-933
- 3) Gudmundsson, A., **Löndahl, J.**, Bohgard, M. (2007). "Methodology for identifying particle sources in indoor environments" *Journal of Environmental Monitoring* 9:831-839
- 2) **Löndahl, J.**, Massling, A., Pagels, J., Swietlicki, E., Vaclavik, E. and Loft, S. (2007). "Size-Resolved Respiratory Tract Deposition of Fine and Ultrafine Hydrophobic and Hygroscopic Particles during Rest and Exercise" *Inhalation Toxicology* 19:109-116
- 1) **Löndahl, J.**, Pagels, J., Swietlicki, E., Zhou, J., Ketznel, M., Massling, A. and Bohgard, M. (2006). "A Set-up for Field Studies of Respiratory Deposition in Humans" *Journal of Aerosol Science* 37:1152-1163

## Patent

**Löndahl, J.**, Wollmer, P., (2012), "Device and method for pulmonary function measurement", application no PCT/EP2013/073977, US patent: 2015-0297118, accepted by the Chinese patent office

## Book chapters

**Löndahl, J.**, Stroh, E., Rissler, J., (2017) "Skapa bättre luftmiljö för barn", In "Luft och Miljö", Naturvårdsverket

**Löndahl, J.** (2013). "Physical and biological properties of bioaerosols". In "Bioaerosol Detection Technologies", Edited by Jonsson, P. Olofsson, G. and Tjärnhage, T., pp. 33-48, Springer

Swietlicki, E., Svenningsson, B., **Löndahl, J.** (2013). "Balansgång mellan klimat och hälsa". In "15 nedslag i klimatforskningen", Edited by Hall, M. and Björck, I., pp. 209-222, Lund University

## Reports

Swietlicki, E. and **Löndahl, J.**, Task 3.2. "Respiratory tract deposition measurements" in the report "Health effects of particulate emissions from small scale biomass combustion (Biohealth)", coordinated by Jokiniemi, J., ERA-NET bioenergy program, 2013

**Löndahl, J.**, Pagels, J., Massling, A., Swietlicki, E., Boman, C., Vaclavik, E., Loft, S., Rissler, J., Blomberg, A., Sandström, T., Zhou, J., Ketznel, M., Bohgard, M. (2008), "Experimental determination of the respiratory

tract deposition in humans of fine aerosol particles from various real-world sources”, Report Series in Aerosol Science (published by the Finnish Association for Aerosol Research), pp. 127-132

## Invited talks

35 invited research talks: The Aerosol Society Bristol 2020, NFA Copenhagen 2019, AMM Göteborg May 2019, SFVH Visby April 2019, LURN Dec 2018, Aarhus lectures 2018, Swesiac 2018, Smittdagarna 2017 (Stockholm), Johnson&Johnson 2017, Airmon 2017 (Dresden), 2<sup>nd</sup> Oxford annual inhalation and respiratory drug delivery congress 2017 (London), Svensk förening för vårdhygien (2017), Ventilationsseminarium SUS 2017, LURN seminar 2016, Tema Renrum 2016 (Stockholm), Framtidens Operations-salar 2016 (Stockholm), Tema Renrum 2015 (Stockholm), **European Respiratory Society Congress 2014 (Münschen)**, seminar on nanomaterials 2014 (Stockholm), seminar day in Lund on heat and coolness 2014 (LU), Medicon Valley Inhalation Symposium 2014, Helsingborg General hospital 2014, LABIB 2014 (LU), University of Gothenburg 2013, Organism Dispersal Symposium Lund 2013, Avidicare opening ceremony 2013, Tema RenRum Stockholm 2012, Aarhus University 2012, Metalund seminar 2012, OPSIS Stockholm 2010, University of Gothenburg 2009, CAST seminar Lund 2009, University of Copenhagen 2007 and 2008, Environmental administration Trelleborg 2005

12 invited popular science talks (~1 hour each) for a non-scientific audience 2010-2019 (total 400 people – Medicinteknik Skåne 2019, Bunkeflostrand, Höllviken, Tranemo, Lund, Åhus, Helsingborg, Lomma [Petrusakademien], Slottstaden Malmö, Rotary central Malmö).

## Popular science or public service publications

Blog writer at *Forskning & Framsteg* ([www.fof.se/blogg](http://www.fof.se/blogg)).

DN debatt, March 2019, ”Vi klimatforskare stödjer Greta och skolungdomarna”, by 270 scientists

Löndahl, J., ”The particles we never exhale...”, By assistans of the organization ”Atomium Culture” this article was published in the following major European newspapers: *Der Standard* (Dec 2010, Austria, 350 000 readers), *Frankfurter Allgemeine Zeitung* (Dec 2010, Germany, circulation around 300 000), *Postimees* (Oct 2010, Estonia, 240 000 readers), *Rzeczpospolita* (Oct 2010, Poland, 200 000 readers), *The Irish Times* (Jun 2011, Ireland, 340 000 readers)

Löndahl, J., ”Konspirationsteorier om klimatet i SPT”, *Svensk Pastoraltidskrift*, nr 17, årgång 56, 2014

Löndahl, J., Bohgard, M., Larsson, P-A, Ramstorp, M., ”Operationssal är inte detsamma som ren industri”, *Dagens Medicin*, nr 26-27, June 2012

Löndahl, J., ”Vem bestämmer över klimatet?”, *Forskning & Framsteg*, nr 8, 2011

Löndahl, J., ”Världens farligaste industri”, *Forskning & Framsteg*, nr 5, 2011

Löndahl, J., ”Luftföroreningar som är bra för hälsan?”, *Forskning & Framsteg*, nr 1, 2011

Löndahl, J., ”Partiklarna vi aldrig andas ut igen”, *Forskning & Framsteg*, nr 3, pp 36-39, 2009

Löndahl, J., ”Particles that remain in the body”, FORMAS magazine, *Sustainability*, no 1, March 2007

Löndahl, J., ”Hett om baken om vi sticker huvudet i sanden”, *Svenska Dagbladet*, ”Synpunkt”, 31 januari 2007

Löndahl, J., ”Människan bakom varmare klimat”, *Svenska Dagbladet*, ”Synpunkt”, 5 januari 2007

Löndahl, J., ”Partiklar som stannar i kroppen”, FORMAS tidning, *Miljöforskning*, nr 5/6 2006

## Popular science, others

**Publications written by journalists after interview and (in most cases) revision by me (last 5 years)**

*Sveriges Företagshälsa*, ”Buller och dålig hörsel kan öka risken att bli smittad”, 22 Sep 2020  
<https://arbetsmiljoforskning.se/buller-och-dalig-horsel-kan-oka-risken-att-bli-smittad/>

*Västerbottenskuriren*, ”Dokument: Därför vägrar Sverige munskydd”, 14 Sep 2020  
<https://www.vk.se/2020-09-10/dokument-darfor-vagrar-sverige-munskydd>

About our study on aerosols and virus from singing (list not complete): *Science Daily*, *U.S. News*, *StudyFinds*, *The Weather Channel*, *The Hindu BusinessLine*, *National Herald India*, *Daily Sabah*, *Business Insider India*, *Philippines Report*, *The Print*, *Scroll India*, *TheHealthSite.com*, *Discover Magazine*, *Ladders*, *Independent Record*, *Madison Magazine*, *The Conversation*, *India.com*, also numerous of news articles in other languages (spanish being the major) and in local newspapers around the world, ETNT... 8-14 Sep 2020

*News Medical*, "Researchers study if singing could contribute to Covid-19 spread", 8 Sep 2020  
<https://www.news-medical.net/news/20200908/Researchers-study-if-singing-could-contribute-to-Covid-19-spread.aspx>

*Daily Mirror*, "Singing 'Happy Birthday' could spread coronavirus, scientists claim in new study", 8 Sep 2020  
<https://www.mirror.co.uk/news/uk-news/singing-happy-birthday-could-spread-22651133>

*Fox News*, "Can singing 'Happy Birthday' spread coronavirus?", 8 Sep 2020  
<https://www.foxnews.com/health/singing-happy-birthday-coronavirus>

*The Science Times*, "Experts Warn Singing Happy Birthday Increases Risk of COVID-19 Transmission", 8 Sep 2020, <https://www.sciencetimes.com/articles/27211/20200908/experts-warn-singing-happy-birthday-increases-risk-covid-19-transmission.htm>

*Science Magazine*, "Could singing spread COVID-19", 8 September 2020  
<https://scienmag.com/could-singing-spread-covid-19/>

*New York Post*, "Why singing 'Happy Birthday' hand-washing song can spread COVID-19: study", 8 Sept 2020  
<https://nypost.com/2020/09/08/singing-happy-birthday-hand-washing-song-spreads-covid-study/>

*France 24*, "Chanter Joyeux anniversaire pourrait propager Covid-19, selon une nouvelle étude", 8 September 2020, <https://www.fr24news.com/fr/a/2020/09/chanter-joyeux-anniversaire-pourrait-propager-covid-19-selon-une-nouvelle-etude.html>

*India Times*, "Singing Happy Birthday can spread droplets in the air", 8 September 2020  
<https://www.indiatimes.com/technology/science-and-future/singing-happy-birthday-aerosols-covid-19-risk-522247.html>

*Daily Mail*, "Singing Happy Birthday could spread Covid-19 because the enunciation of Bs and Ps releases large droplets which may be infectious, study warns", 7 September 2020 (printed paper 8 September)  
<https://www.dailymail.co.uk/sciencetech/article-8706711/Singing-Happy-Birthday-spread-Covid-19-new-study-warns.html>

*Medical Press*, "Could singing spread COVID-19", 7 September 2020  
<https://medicalxpress.com/news/2020-09-covid-1.html>

*Dagen*, "Högljudd sång i kyrkan sprider mer smitta", 7 September 2020  
<https://www.dagen.se/nyheter/hogljudd-sang-i-kyrkan-sprider-mer-smitta-1.1768414?paywall=true>

*Ämnesläraren*, "Forskare: Sång kan sprida mer covid-19 än tal", 2 September 2020  
<https://www.lararen.se/praktisk-estetiska-amnen/coronaviruset/forskare-sang-riskerar-att-sprida-mer-covid-19-an-tal>

*Vetenskap & Hälsa*, "Tala är silver, tiga är guld – och sjunga värst"  
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