

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

2023

Al Rubaye M, Janice J, Bjørnholt JV, Kacelnik O, Haldorsen BC, Nygaard RM, Hegstad J, Sundsfjord A, Hegstad K, The Norwegian Vre Study Group. The population structure of vancomycin-resistant and -susceptible *Enterococcus faecium* in a low-prevalence antimicrobial resistance setting is highly influenced by circulating global hospital-associated clones. *Microb Genom*. 2023 Dec;9(12):001160. <https://doi.org/10.1099/mgen.0.001160>

Averina M, Huber S, Almås B, Brox J, Jacobsen BK, Furberg AS, Grimnes G. Early menarche and other endocrine disrupting effects of per- and polyfluoroalkyl substances (PFAS) in adolescents from Northern Norway. The Fit Futures study. *Environ Res*. 2024 Feb 1;242:117703. <https://doi.org/10.1016/j.envres.2023.117703>

Bachmann TT, Mitsakakis K, Hays JP, van Belkum A, Russom A, Luedke G, Simonsen GS, Abel G, Peter H, Goossens H, Moran-Gilad J, Vila J, Becker K, Moons P, Sampath R, Peeling RW, Luz S, van Staa T, Di Gregori V; JPIAMR AMR-RDT Working Group. Expert guidance on target product profile development for AMR diagnostic tests. *BMJ Glob Health*. 2023 Dec 18;8(12):e012319. <https://doi.org/10.1136/bmjgh-2023-012319>

Hartman EAR, van de Pol AC, Heltveit-Olsen SR, Lindbæk M, Høye S, Lithén SS, Sundvall PD, Sundvall S, Arnljots ES, Gunnarsson R, Kowalczyk A, Godycki-Cwirko M, Platteel TN, Groen WG, Monnier AA, Zuijhoff NP, Verheij TJM, Hertogh CMPM. Effect of a multifaceted antibiotic stewardship intervention to improve antibiotic prescribing for suspected urinary tract infections in frail older adults (ImpresU): pragmatic cluster randomised controlled trial in four European countries. *BMJ*. 2023 Feb 22;380:e072319. <https://doi.org/10.1136/bmj-2022-072319>

Jalava K, Sallinen V, Lampela H, Malmi H, Steinholt I, Augestad KM, Leppäniemi A, Mentula P. Role of preoperative in-hospital delay on appendiceal perforation while awaiting appendicectomy (PERFECT): a Nordic, pragmatic, open-label, multicentre, non-inferiority, randomised controlled trial. *Lancet*. 2023 Oct 28;402(10412):1552-1561. [https://doi.org/10.1016/S0140-6736\(23\)01311-9](https://doi.org/10.1016/S0140-6736(23)01311-9)

Jenssen M, Furberg AS, Jorde R, Wilsgaard T, Danielsen K. The association between serum 25-hydroxyvitamin D levels and psoriasis in a large population-based cohort, a cross-sectional analysis of The Tromsø Study 2015-16. *Br J Dermatol*. 2023 Nov 28:ljad472. <https://doi.org/10.1093/bjd/ljad472>

Jenssen M, Furberg AS, Jorde R, Wilsgaard T, Danielsen K. Effect of Vitamin D Supplementation on Psoriasis Severity in Patients With Lower-Range Serum 25-Hydroxyvitamin D Levels: A Randomized Clinical Trial. *JAMA Dermatol*. 2023 May 1;159(5):518-525. [Effect of Vitamin D Supplementation on Psoriasis Severity in Patients With Lower-Range Serum 25-Hydroxyvitamin D Levels - PMC \(nih.gov\)](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9500000/)

Kaci A, Jonassen CM, Skrede S, Sivertsen A; Norwegian Study Group on Streptococcus dysgalactiae; Steinbakk M, Oppegaard O. Genomic epidemiology of *Streptococcus dysgalactiae* subsp. *equisimilis* strains causing invasive disease in Norway during 2018. *Front Microbiol*. 2023 Apr 17;14:1171913. <https://doi.org/10.3389/fmicb.2023.1171913>

Marienborg K, Ambur OH, Økstad OAL, Skaare D. The alginate polymer OligoG alters susceptibility of biofilm-embedded non-typeable *Haemophilus influenzae* to ampicillin and ciprofloxacin. *JAC Antimicrob Resist*. 2023 Apr 18;5(2):dlad046. <https://doi.org/10.1093/jacamr/dlad046>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.

Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Norström M, Simonsen GS, Slettemeås JS, Furberg AS, Urdahl AM. Evaluation of the One Health-Ness of 20 Years of Antimicrobial Resistance Surveillance in Norway. *Antibiotics (Basel)*. 2023 Jun 21;12(7):1080. <https://doi.org/10.3390/antibiotics12071080>

Raffelsberger N, Buczek DJ, Svendsen K, Småbrekke L, Pöntinen AK, Löhr IH, Andreassen LLE, Simonsen GS; Norwegian E. coli ESBL Study Group; Sundsfjord A, Gravningen K, Samuelsen Ø. Community carriage of ESBL-producing *Escherichia coli* and *Klebsiella pneumoniae*: a cross-sectional study of risk factors and comparative genomics of carriage and clinical isolates. *mSphere*. 2023 Aug 24;8(4):e0002523. <https://doi.org/10.1128/msphere.00025-23>

Stubhaug TT, Giske CG, Justesen US, Kahlmeter G, Matuschek E, Sundsfjord A, Skaare D; Nordic Bacteroides AST Study Group. Antimicrobial susceptibility testing of Bacteroides species by disk diffusion: The NordicAST Bacteroides study. *Anaerobe*. 2023 Jun;81:102743. <https://doi.org/10.1016/j.anaerobe.2023.102743>

Wagner TM, Romero-Saavedra F, Laverde D, Johannessen M, Hübner J, Hegstad K. Enterococcal Membrane Vesicles as Vaccine Candidates. *Int J Mol Sci*. 2023 Nov 7;24(22):16051. <https://doi.org/10.3390/ijms242216051>

2022

Choonara FE, Haldorsen BC, Janice J, Mbanga J, Ndhlovu I, Saulosi O, Maida T, Lampiao F, Simonsen GS, Essack SY, Sundsfjord A. Molecular Epidemiological Characterisation of ESBL- and Plasmid-Mediated AmpC-Producing *Escherichia coli* and *Klebsiella pneumoniae* at Kamuzu Central Hospital, Lilongwe, Malawi. *Trop Med Infect Dis*. 2022 Sep 14;7(9):245.

<https://doi.org/10.3390/tropicalmed7090245>

Ferreira FA, Helmersen K, Visnovska T, Jørgensen SB, Aamot HV. Rapid nanopore-based DNA sequencing protocol of antibiotic-resistant bacteria for use in surveillance and outbreak investigation. *Microb Genom*. 2021 Apr;7(4):000557. <https://doi.org/10.1099/mgen.0.000557>

Flatby HM, Rasheed H, Ravi A, Thomas LF, Liyanarachi KV, Afset JE, DeWan AT, Brumpton BM, Hveem K, Åsvold BO, Simonsen GS, Furberg AS, Damås JK, Solligård E, Rogne T. Risk of lower respiratory tract infections: a genome-wide association study with Mendelian randomization analysis in three independent European populations. *Clin Microbiol Infect*. 2022 May;28(5):732.e1-732.e7. <https://doi.org/10.1016/j.cmi.2021.11.004>

Fostervold A, Hetland MAK, Bakksjø R, Bernhoff E, Holt KE, Samuelsen Ø, Simonsen GS, Sundsfjord A, Wyres KL, Löhr IH; Norwegian Study Group on Klebsiella pneumoniae. A nationwide genomic study of clinical *Klebsiella pneumoniae* in Norway 2001-15: introduction and spread of ESBLs facilitated by clonal groups CG15 and CG307. *J Antimicrob Chemother*. 2022 Feb 23;77(3):665-674. <https://doi.org/10.1093/jac/dkab463>

Frimodt-Møller N, Simonsen GS, Larsen AR, Kahlmeter G. Pivmecillinam, the paradigm of an antibiotic with low resistance rates in *Escherichia coli* urine isolates despite high consumption. *J Antimicrob Chemother*. 2022 Dec 23;78(1):289-295. <https://doi.org/10.1093/jac/dkac396>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Gravningen K, Henriksen S, Hungnes O, Svendsen K, MacDonald E, Schirmer H, Stene-Johansen K, Simonsen GS, Kacelnik O, Elstrøm P, Bragstad K, Rinaldo CH. Risk factors, immune response and whole-genome sequencing of SARS-CoV-2 in a cruise ship outbreak in Norway. *Int J Infect Dis.* 2022 May;118:10-20. <https://doi.org/10.1016/j.ijid.2022.02.025>

Hansen BÅ, Grude N, Lindbæk M, Stenstad T. The efficacy of pivmecillinam in oral step-down treatment in hospitalised patients with *E. coli* bacteraemic urinary tract infection; a single-arm, uncontrolled treatment study. *BMC Infect Dis.* 2022 May 19;22(1):478. [The efficacy of pivmecillinam in oral step-down treatment in hospitalised patients with *E. coli* bacteraemic urinary tract infection; a single-arm, uncontrolled treatment study - PMC \(nih.gov\)](#)

Heltveit-Olsen SR, Sundvall PD, Gunnarsson R, Snaebjörnsson Arnljots E, Kowalczyk A, Godycki-Cwirko M, Platteel TN, Koning HAM, Groen WG, Åhrén C, Grude N, Verheij TJM, Hertogh CMPM, Lindbaek M, Hoye S. Methenamine hippurate to prevent recurrent urinary tract infections in older women: protocol for a randomised, placebo-controlled trial (ImpresU). *BMJ Open.* 2022 Nov 1;12(11):e065217. [bmjopen-2022-065217.pdf \(nih.gov\)](#)

Johannessen H, Anthonisen IL, Zecic N, Hegstad K, Ranheim TE, Skaare D. Characterization and Fitness Cost of Tn7100, a Novel Integrative and Conjugative Element Conferring Multidrug Resistance in *Haemophilus influenzae*. *Front Microbiol.* 2022 Jul 22;13:945411. <https://doi.org/10.3389/fmicb.2022.945411>

Kinross P, Gagliotti C, Merk H, Plachouras D, Monnet DL, Höglberg LD; EARS-Net Study Group; EARS-Net Study Group participants. Large increase in bloodstream infections with carbapenem-resistant *Acinetobacter* species during the first 2 years of the COVID-19 pandemic, EU/EEA, 2020 and 2021. *Euro Surveill.* 2022 Nov;27(46):2200845. [Large increase in bloodstream infections with carbapenem-resistant *Acinetobacter* species during the first 2 years of the COVID-19 pandemic, EU/EEA, 2020 and 2021 - PMC \(nih.gov\)](#)

Mohus RM, Gustad LT, Furberg AS, Moen MK, Liyanarachi KV, Askim Å, Åsberg SE, DeWan AT, Rogne T, Simonsen GS, Nilsen TIL, Åsvold BO, Damås JK, Solligård E. Explaining sex differences in risk of bloodstream infections using mediation analysis in the population-based HUNT study in Norway. *Sci Rep.* 2022 May 19;12(1):8436. [Explaining sex differences in risk of bloodstream infections using mediation analysis in the population-based HUNT study in Norway \(nih.gov\)](#)

Røken M, Forfang K, Wasteson Y, Haaland AH, Eiken HG, Hagen SB, Bjelland AM. Antimicrobial resistance-Do we share more than companionship with our dogs? *J Appl Microbiol.* 2022 Aug;133(2):1027-1039. <https://doi.org/10.1111/jam.15629>

Simonsen GS. Gule stafylokokker hos barn. *Tidsskr Nor Laegeforen.* 2022 Nov 7;142(16). [Gule stafylokokker hos barn | Tidsskrift for Den norske legeforening \(tidsskriftet.no\)](#)

Stensen DB, Småbrekke L, Olsen K, Grimnes G, Nielsen CS, Ericson JU, Simonsen GS, Almås B, Furberg AS. Circulating sex-steroids and *Staphylococcus aureus* nasal carriage in a general male population. *Epidemiol Infect.* 2022 Apr 22;150:e93. <https://doi.org/10.1017/S0950268822000735>

Stensen DB, Cañadas RAN, Småbrekke L, Olsen K, Nielsen CS, Svendsen K, Hanssen AM, Ericson JU, Simonsen GS, Bongo LA, Furberg AS. Social network analysis of *Staphylococcus aureus* carriage in a general youth population. *Int J Infect Dis.* 2022 Oct;123:200-209. <https://doi.org/10.1016/j.ijid.2022.08.018>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

van Hal SJ, Willems RJL, Gouliouris T, Ballard SA, Coque TM, Hammerum AM, Hegstad K, Pinholt M, Howden BP, Malhotra-Kumar S, Werner G, Yanagihara K, Earl AM, Raven KE, Corander J, Bowden R; Enterococcal Study Group. The interplay between community and hospital Enterococcus faecium clones within health-care settings: a genomic analysis. Lancet Microbe. 2022 Feb;3(2):e133-e141. [https://doi.org/10.1016/S2666-5247\(21\)00236-6](https://doi.org/10.1016/S2666-5247(21)00236-6)

Villmones HC, Svanevik M, Ulvestad E, Stenstad T, Anthonisen IL, Nygaard RM, Dyrhovden R, Kommedal Ø. Investigating the human jejunal microbiota. Sci Rep. 2022 Jan 31;12(1):1682. [Investigating the human jejunal microbiota - PMC \(nih.gov\)](#)

2021

Bavelaar H, Justesen US, Morris TE, Anderson B, Copsey-Mawer S, Stubhaug TT, Kahlmeter G, Matuschek E. Development of a EUCAST disk diffusion method for the susceptibility testing of rapidly growing anaerobic bacteria using Fastidious Anaerobe Agar (FAA): a development study using Bacteroides species. Clin Microbiol Infect. 2021 Nov;27(11):1695.e1-1695.e6. [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(21\)00163-4/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(21)00163-4/fulltext)

Estaleva CEL, Zimba TF, Sekyere JO, Govinden U, Chenia HY, Simonsen GS, Haldorsen B, Essack SY, Sundsfjord A. High prevalence of multidrug resistant ESBL- and plasmid mediated AmpC-producing clinical isolates of Escherichia coli at Maputo Central Hospital, Mozambique. BMC Infect Dis. 2021 Jan 6;21(1):16. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7789290/>

Flatby HM, Rasheed H, Ravi A, Thomas LF, Liyanarachchi KV, Afset JE, DeWan AT, Brumpton BM, Hveem K, Åsvold BO, Simonsen GS, Furberg AS, Damås JK, Solligård E, Rogne T. Risk of lower respiratory tract infections: a genome-wide association study with Mendelian randomization analysis in three independent European populations. Clin Microbiol Infect. 2021 Nov 9:S1198-743X(21)00631-5. [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(21\)00631-5/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(21)00631-5/fulltext)

Fostervold A, Hetland MAK, Bakksjø R, Bernhoff E, Holt KE, Samuelsen Ø, Simonsen GS, Sundsfjord A, Wyres KL, Löhr IH; Norwegian Study Group on Klebsiella pneumoniae. A nationwide genomic study of clinical Klebsiella pneumoniae in Norway 2001-15: introduction and spread of ESBLs facilitated by clonal groups CG15 and CG307. J Antimicrob Chemother. 2022 Feb 23;77(3):665-674. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8865009/>

Gagliotti C, Höglberg LD, Billström H, Eckmanns T, Giske CG, Heuer OE, Jarlier V, Kahlmeter G, Lo Fo Wong D, Monen J, Murchan S, Simonsen GS, Šubelj M, Andrašević AT, Žabicka D, Žemličková H, Monnet DL; EARS-Net study group participants. Staphylococcus aureus bloodstream infections: diverging trends of meticillin-resistant and meticillin-susceptible isolates, EU/EEA, 2005 to 2018. Euro Surveill. 2021 Nov;26(46):2002094. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8603406/>

Gladstone RA, McNally A, Pöntinen AK, Tonkin-Hill G, Lees JA, Skytén K, Cléon F, Christensen MOK, Haldorsen BC, Bye KK, Gammelsrud KW, Hjetland R, Kümmel A, Larsen HE, Lindemann PC, Löhr IH, Marvik Å, Nilsen E, Noer MT, Simonsen GS, Steinbakk M, Tofteland S, Vattøy M, Bentley SD, Croucher NJ, Parkhill J, Johnsen PJ, Samuelsen Ø, Corander J. Emergence and dissemination of antimicrobial resistance in Escherichia coli causing bloodstream infections in Norway in 2002–17: a nationwide, longitudinal, microbial population genomic study. The Lancet Microbe Volume 2, Issue 7, July 2021, Pages e331-e341. [https://www.thelancet.com/journals/lamic/article/PIIS2666-5247\(21\)00031-8/fulltext](https://www.thelancet.com/journals/lamic/article/PIIS2666-5247(21)00031-8/fulltext)

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Phiri AFND, Abia ALK, Amoako DG, Mkakosya R, Sundsfjord A, Essack SY, Simonsen GS, Burden, Antibiotic Resistance, and Clonality of *Shigella* spp. Implicated in Community-Acquired Acute diarrhoea in Lilongwe, Malawi. *Trop Med Infect Dis*. 2021 Apr 28;6(2):63.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8167763/>

Sanabria AM, Janice J, Hjerde E, Simonsen GS, Hanssen AM. Shotgun-metagenomics based prediction of antibiotic resistance and virulence determinants in *Staphylococcus aureus* from periprosthetic tissue on blood culture bottles. *Sci Rep*. 2021 Oct 21;11(1):20848.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8531021/>

Stensen DB, Småbrekke L, Olsen K, Grimnes G, Nielsen CS, Sollid JUE, Simonsen GS, Almås B, Furberg AS. Circulating sex-steroids and *Staphylococcus aureus* nasal carriage in a general female population. *Eur J Endocrinol*. 2021 Feb;184(2):337-346.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7849480/>

Thaulow CM, Lindemann PC, Klingenberg C, Berild D, Salvesen Blix H, Myklebust TÅ, Harthug S. Epidemiology and Antimicrobial Susceptibility of Invasive Bacterial Infections in Children-A Population-Based Study From Norway. *Pediatr Infect Dis J*. 2021 May 1;40(5):403-410.
<https://pubmed.ncbi.nlm.nih.gov/33298760/>

van Hal SJ, Willems RJL, Gouliouris T, Ballard SA, Coque TM, Hammerum AM, Hegstad K, Westh HT, Howden BP, Malhotra-Kumar S, Werner G, Yanagihara K, Earl AM, Raven KE, Corander J, Bowden R and Enterococcal Group. 2021. The Global dissemination of hospital clones of *Enterococcus faecium*. *BMC Genome Medicine* 2021;13:52. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8008517/>

van Hal SJ, Willems RJL, Gouliouris T, Ballard SA, Coque TM, Hammerum AM, Hegstad K, Pinholt M, Howden BP, Malhotra-Kumar S, Werner G, Yanagihara K, Earl AM, Raven KE, Corander J, Bowden R; Enterococcal Study Group. The interplay between community and hospital *Enterococcus faecium* clones within health-care settings: a genomic analysis. *Lancet Microbe*. 2022 Feb;3(2):e133-e141.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8810393/>

Villmønes HC, Halland A, Stenstad T, Ulvestad E, Weedon-Fekjær H, Kommedal Ø. The cultivable microbiota of the human distal ileum. *Clin Microbiol Infect*. 2021 Jun;27(6):912.e7-912.e13.
[https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(20\)30504-8/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(20)30504-8/fulltext)

2020

Aars NA, Beldo S, Jacobsen BK, Horsch A, Morseth B, Emaus N, Furberg AS, Grimsgaard S. Association between objectively measured physical activity and longitudinal changes in body composition in adolescents: the Tromsø study fit futures cohort. *BMJ Open*. 2020 Oct 7;10(10):e036991.
<https://bmjopen.bmjjournals.org/content/10/10/e036991.long>

Beldo SK, Morseth B, Christoffersen T, Halvorsen PA, Hansen BH, Furberg AS, Ekelund U, Horsch A. Prevalence of accelerometer-measured physical activity in adolescents in Fit Futures - part of the Tromsø Study. *BMC Public Health*. 2020 Jul 17;20(1):1127.
<https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-020-09171-w>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetskist liste med førsteforfattere for hvert år 2005-2023.

Faife SL, Zimba T, Sekyere JO, Govinden U, Chenia HY, Simonsen GS, Sundsfjord A, Essack SY. β -lactam and fluoroquinolone resistance in *Enterobacteriaceae* from imported and locally-produced chicken in Mozambique. *J Infect Dev Ctries*. 2020 May 31;14(5):471-478.

<https://jidc.org/index.php/journal/article/view/32525833/2252>

Finton MD, Meisal R, Porcellato D, Brandal LT, Lindstedt BA. Whole Genome Sequencing and Characterization of Multidrug-Resistant (MDR) Bacterial Strains Isolated From a Norwegian University Campus Pond. *Front Microbiol*. 2020 Jun 17;11:1273.

<https://www.frontiersin.org/articles/10.3389/fmicb.2020.01273/full>

Hegstad K, Mylvaganam H, Janice J, Josefson E, Sivertsen A, Skaare D. Role of horizontal gene transfer in the development of multidrug resistance in *Haemophilus influenzae*. *mSphere*. 2020 Jan 29;5(1):e00969-19. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6992377/>

Helmersen K, Aamot HV. DNA extraction of microbial DNA directly from infected tissue: an optimized protocol for use in nanopore sequencing. *Sci Rep*. 2020 Feb 19;10(1):2985.

<https://www.nature.com/articles/s41598-020-59957-6>

Iordanova Schistad E, Kong XY, Furberg AS, Bäckryd E, Grimnes G, Emaus N, Rosseland LA, Gordh T, Stubhaug A, Engdahl B, Halvorsen B, Nielsen CS. A population-based study of inflammatory mechanisms and pain sensitivity. *Pain*. 2020 Feb;161(2):338-350.

<https://pubmed.ncbi.nlm.nih.gov/31651577/>

Kaspersen H, Fiskebeck EZ, Sekse C, Slettemeås JS, Urdahl AM, Norström M, Lagesen K, Simm R. Comparative Genome Analyses of Wild Type- and Quinolone Resistant *Escherichia coli* Indicate Dissemination of QREC in the Norwegian Broiler Breeding Pyramid. *Front Microbiol*. 2020 May 19;11:938. <https://www.frontiersin.org/articles/10.3389/fmicb.2020.00938/full>

Opdal IM, Morseth B, Handegård BH, Lillevoll KR, Nilsen W, Nielsen C, Furberg AS, Rosenbaum S, Rognmo K. Is change in mental distress among adolescents predicted by sedentary behaviour or screen time? Results from the longitudinal population study The Tromsø Study: Fit Futures. *BMJ Open*. 2020 Feb 12;10(2):e035549. <https://bmjopen.bmj.com/content/10/2/e035549.long>

Oppegaard O, Skrede S, Mylvaganam H, Kittang BR. Emerging Threat of Antimicrobial Resistance in β -Hemolytic Streptococci. *Front Microbiol*. 2020 May 15;11:797.

<https://www.frontiersin.org/articles/10.3389/fmicb.2020.00797/full>

Rørtveit G, Simonsen GS. The Primary Care Perspective on the Norwegian National Strategy against Antimicrobial Resistance. *Antibiotics (Basel)*. 2020 Sep 19;9(9):622. <https://www.mdpi.com/2079-6382/9/9/622>

Sanabria A, Hjerde E, Johannessen M, Sollid JE, Simonsen GS, Hanssen AM. Shotgun-metagenomics on positive blood culture bottles inoculated with prosthetic joint tissue: A proof of concept study. *Front Microbiol*. 2020 Jul 17;11:1687.

<https://www.frontiersin.org/articles/10.3389/fmicb.2020.01687/full>

Syre H, Hetland MAK, Bernhoff E, Bollestad M, Grude N, Simonsen GS, Löhr IH. Microbial risk factors for treatment failure of pivmecillinam in community-acquired urinary tract infections caused by ESBL-producing *Escherichia coli*. *APMIS*. 2020 Mar;128(3):232-241.

<https://pubmed.ncbi.nlm.nih.gov/31755584/>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetskifte liste med førsteforfattere for hvert år 2005-2023.

Ulvestad E, Kommedal Ø, Simonsen GS, Müller F, Leegaard TM, Löhr IH, Nordbø SA. Norges mikrobiologiske utbrudsberedskap er truet. Tidsskr Nor Laegeforen. 2020 Jun 29;140(11).
<https://tidsskriftet.no/2020/06/debatt/norges-mikrobiologiske-utbrudsberedskap-er-truet>

Vorobieva S Jensen V, Furberg AS, Slotved HC, Bazhukova T, Haldorsen B, Caugant DA, Sundsfjord A, Valentiner-Branth P, Simonsen GS. Epidemiological and molecular characterization of *Streptococcus pneumoniae* carriage strains in pre-school children in Arkhangelsk, northern European Russia, prior to the introduction of conjugate pneumococcal vaccines. BMC Infect Dis. 2020 Apr 15;20(1):279.
<https://bmccinfectdis.biomedcentral.com/articles/10.1186/s12879-020-04998-5>

2019

Averina M, Brox J, Huber S, Furberg AS, Sørensen M. Serum perfluoroalkyl substances (PFAS) and risk of asthma and various allergies in adolescents. The Tromsø study Fit Futures in Northern Norway. Environ Res. 2019 Feb;169:114-121.

<https://www.sciencedirect.com/science/article/abs/pii/S0013935118305760?via%3Dhub>

Cassini A, Höglberg LD, Plachouras D, Quattrocchi A, Hoxha A, Simonsen GS, Colomb-Cotinat M, Kretzschmar ME, Devleesschauwer B, Cecchini M, Ouakrim DA, Oliveira TC, Struelens MJ, Suetens C, Monnet DL; Burden of AMR Collaborative Group. Attributable deaths and disability-adjusted life-years caused by infections with antibiotic-resistant bacteria in the EU and the European Economic Area in 2015: a population-level modelling analysis. Lancet Infect Dis. 2019 Jan;19(1):56-66.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6300481/>

Devold JA, Furberg A-S. Atopic disease in relation to *Staphylococcus aureus* carriage and spa type distribution in a subarctic adult population. Norsk Epidemiologi, Supplement 2019; Volum 28. ISSN 0803-4206.s 26.

Dyar OJ, Beović B, Pulcini C, Tacconelli E, Hulscher M, Cookson B; ESCMID generic competencies working group. ESCMID generic competencies in antimicrobial prescribing and stewardship: towards a European consensus. Clin Microbiol Infect. 2019 Jan;25(1):13-19.

<https://pubmed.ncbi.nlm.nih.gov/30414817/>

Furberg, A-S, Simonsen, Gunnar Skov. Antibiotikaresistens i Norge i endring. Indremedisinen 2019; Volum 11 (1). ISSN 1891-1617.s 26-29.

Hays JP, Mitsakakis K, Luz S, van Belkum A, Becker K, van den Bruel A, Harbarth S, Rex JH, Simonsen GS, Werner G, Di Gregori V, Lüdke G, van Staa T, Moran-Gilad J, Bachmann TT; JPIAMR AMR-RDT consortium. The successful uptake and sustainability of rapid infectious disease and antimicrobial resistance point-of-care testing requires a complex 'mix-and-match' implementation package. Eur J Clin Microbiol Infect Dis. 2019 Jun;38(6):1015-1022.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6520316/>

Jarlier V, Diaz Höglberg L, Heuer OE, Campos J, Eckmanns T, Giske CG, Grundmann H, Johnson AP, Kahlmeter G, Monen J, Pantosti A, Rossolini GM, van de Sande-Bruinsma N, Vatopoulos A, Žabicka D, Žemličková H, Monnet DL, Simonsen GS; Ears-Net Participants. Strong correlation between the rates of intrinsically antibiotic-resistant species and the rates of acquired resistance in Gram-negative species causing bacteraemia, EU/EEA, 2016. Euro Surveill. 2019 Aug;24(33).

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6702794/>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetskist liste med førsteforfattere for hvert år 2005-2023.

Karlsen A, Simonsen GS, Olsen Karina, Sollid JUE, Grimnes G, Nielsen CS, Stensen DBB, Furberg A-S. Smokeless Tobacco and Carriage of *Staphylococcus aureus*; The Tromsø Study – Fit Futures 1. Norsk Epidemiologi, Supplement 2019; Volum 28. ISSN 0803-4206.s 25.

Lai, Y, Lim K, Aung KT, Ooi PL. Setting up an integrated antimicrobial resistance surveillance system. International Journal of Infectious Diseases 2019;79 (Supplement 1):41.
[https://www.ijidonline.com/article/S1201-9712\(18\)34692-7/fulltext](https://www.ijidonline.com/article/S1201-9712(18)34692-7/fulltext)

Littmann J, Simonsen GS. Antimicrobial resistance is a super wicked problem. Tidsskr Nor Laegeforen. 2019 Oct 31;139(16). <https://tidsskriftet.no/en/2019/11/kronikk/antimicrobial-resistance-super-wicked-problem>

Peñalva G, Högberg LD, Weist K, Vlahović-Palčevski V, Heuer O, Monnet DL; ESAC-Net Study Group; EARS-Net Study Group. Decreasing and stabilising trends of antimicrobial consumption and resistance in *Escherichia coli* and *Klebsiella pneumoniae* in segmented regression analysis, European Union/European Economic Area, 2001 to 2018. Euro Surveill. 2019 Nov;24(46).
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6864974/>

Saghaug CS, Klotz C, Kallio JP, Brattbakk HR, Stokowy T, Aebischer T, Kursula I, Langeland N, Hanevik K. Genetic variation in metronidazole metabolism and oxidative stress pathways in clinical *Giardia lamblia* assemblage A and B isolates. Infect Drug Resist. 2019 May 10;12:1221-1235.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6519707/>

Sanabria A, Røkeberg MEO, Johannessen M, Sollid JE, Simonsen GS, Hanssen AM. Culturing periprosthetic tissue in BacT/Alert® Virtuo blood culture system leads to improved and faster detection of prosthetic joint infections. BMC Infect Dis. 2019 Jul 10;19(1):607.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6621959/>

Steffensen A, Müller F, Ingebretsen A, Gammelsrud K. Phenotypic versus genotypic antimicrobial resistance in *Stenotrophomonas maltophilia*. ECCMID 2019 P0913

Stensen DB, Småbrekke L, Olsen K, Grimnes G, Nielsen CS, Simonsen GS, Sollid JUE, Furberg AS. Hormonal contraceptive use and *Staphylococcus aureus* nasal and throat carriage in a Norwegian youth population. PLoS One. 2019 Jul 5;14(7):e0218511.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6611591/>

Thaulow CM, Berild D, Blix HS, Brigtzen AK, Myklebust TÅ, Eriksen BH. Can We Optimize Antibiotic Use in Norwegian Neonates? A Prospective Comparison Between a University Hospital and a District Hospital. Front Pediatr. 2019 Oct 24;7:440.
<https://www.frontiersin.org/articles/10.3389/fped.2019.00440/full>

Thaulow CM, Blix HS, Eriksen BH, Ask I, Myklebust TÅ, Berild D. Using a period incidence survey to compare antibiotic use in children between a university hospital and a district hospital in a country with low antimicrobial resistance: a prospective observational study. BMJ Open. 2019 May 27;9(5):e027836. <https://bmjopen.bmjjournals.com/content/9/5/e027836.long>

Thaulow CM, Berild D, Eriksen BH, Myklebust TÅ, Blix HS. Potential for More Rational Use of Antibiotics in Hospitalized Children in a Country With Low Resistance: Data From eight Point Prevalence Surveys. Pediatr Infect Dis J. 2019 Apr;38(4):384-389.
<https://pubmed.ncbi.nlm.nih.gov/30882728/>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetsk liste med førsteforfattere for hvert år 2005-2023.

Ullmann IF, Tunsjø HS, Andreassen M, Nielsen KM, Lund V, Charnock C. Detection of Aminoglycoside Resistant Bacteria in Sludge Samples From Norwegian Drinking Water Treatment Plants. *Front Microbiol*. 2019 Mar 13;10:487. <https://www.frontiersin.org/articles/10.3389/fmicb.2019.00487/full>

Vandenbroucke-Grauls CMJE, Kahlmeter G, Kluytmans J, Kluytmans-van den Bergh M, Monnet DL, Simonsen GS, Skov RL, Wolff Sönksen U, Voss A. The proposed Drug Resistance Index (DRI) is not a good measure of antibiotic effectiveness in relation to drug resistance. *BMJ Glob Health*. 2019 Aug 21;4(4):e001838. <https://gh.bmjjournals.org/content/4/4/e001838.long>

2018

Bollestad M, Grude N, Solhaug S, Raffelsberger N, Handal N, Nilsen HS, Romstad MR, Emmert A, Tveten Y, Søraas A, Jenum PA, Jenum S, Møller-Stray J, Weme ET, Lindbaek M, Simonsen GS; (the Norwegian ESBL UTI study group). Clinical and bacteriological efficacy of pivmecillinam treatment for uncomplicated urinary tract infections caused by ESBL-producing Escherichia coli: a prospective, multicentre, observational cohort study. *J Antimicrob Chemother*. 2018 Sep 1;73(9):2503-2509. <https://academic.oup.com/jac/article-lookup/doi/10.1093/jac/dky230>

Cassini A, Höglberg LD, Plachouras D, Quattrocchi A, Hoxha A, Simonsen GS, Colomb-Cotinat M, Kretzschmar ME, Devleesschauwer B, Cecchini M, Ouakrim DA, Oliveira TC, Struelens MJ, Suetens C, Monnet DL; Burden of AMR Collaborative Group. Attributable deaths and disability-adjusted life-years caused by infections with antibiotic-resistant bacteria in the EU and the European Economic Area in 2015: a population-level modelling analysis. *Lancet Infect Dis*. 2019 Jan;19(1):56-66. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6300481/>

Chirindze LM, Zimba TF, Sekyere JO, Govinden U, Chenia HY, Sundsfjord A, Essack SY, Simonsen GS. Faecal colonization of *E. coli* and *Klebsiella* spp. producing extended-spectrum beta-lactamases and plasmid-mediated AmpC in Mozambican university students. *BMC Infect Dis*. 2018 May 30;18(1):244. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5975407/>

Cowley LA, Petersen FC, Junges R, Jimson D, Jimenez M, Morrison DA, Hanage WP. Evolution via recombination: Cell-to-cell contact facilitates larger recombination events in *Streptococcus pneumoniae*. *PLoS Genet*. 2018 Jun 13;14(6):e1007410. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6016952/>

Dyar OJ, Nathwani D, Monnet DL, Gyssens IC, Stålsby Lundborg C, Pulcini C; ESGAP Student-PREPARE Working Group. Do medical students feel prepared to prescribe antibiotics responsibly? Results from a cross-sectional survey in 29 European countries. *J Antimicrob Chemother*. 2018 Aug 1;73(8):2236-2242. <https://academic.oup.com/jac/article/73/8/2236/4994358>

Eliassen KE, Reiso H, Berild D, Lindbæk M. Comparison of phenoxymethypenicillin, amoxicillin, and doxycycline for erythema migrans in general practice. A randomized controlled trial with a 1-year follow-up. *Clin Microbiol Infect*. 2018 Dec;24(12):1290-1296. [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(18\)30203-9/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(18)30203-9/fulltext)

Haugen P, Simonsen GS, Primicerio R, Furberg AS, Småbrekke L. Antibiotics to outpatients in Norway-Assessing effect of latitude and municipality population size using quantile regression in a cross-sectional study. *Pharm Stat*. 2018 Feb;17(1):4-11. <https://onlinelibrary.wiley.com/doi/10.1002/pst.1831>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Lunde TM, Roberts AP, Al-Haroni M. Determination of copy number and circularization ratio of Tn916-Tn1545 family of conjugative transposons in oral streptococci by droplet digital PCR. *J Oral Microbiol.* 2018 Dec;6(1):1552060. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6292373/>

Nordøy I, Hesstvedt L, Torp Andersen C, Mylvaganam H, Kols NI, Falch BM, Tofteland S, Müller F, Denning DW. An Estimate of the Burden of Fungal Disease in Norway. *J Fungi (Basel).* 2018 Feb;21(4):1. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5872332/>

Salvadori G, Junges R, Åmdal HA, Chen T, Morrison DA, Petersen FC. High-resolution profiles of the *Streptococcus mitis* CSP signaling pathway reveal core and strain-specific regulated genes. *BMC Genomics.* 2018 Jun 13;19(1):453. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6001120/>

Simões AS, Maia MR, Gregório J, Couto I, Asfeldt AM, Simonsen GS, Póvoa P, Viveiros M, Lapão LV. Participatory implementation of an antibiotic stewardship programme supported by an innovative surveillance and clinical decision-support system. *J Hosp Infect.* 2018 Nov;100(3):257-264. [https://www.journalofhospitalinfection.com/article/S0195-6701\(18\)30399-2/fulltext](https://www.journalofhospitalinfection.com/article/S0195-6701(18)30399-2/fulltext)

Simonsen GS. Antimicrobial resistance surveillance in Europe and beyond. *Euro Surveill.* 2018 Oct;23(42). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6199866/>

Sturød K, Salvadori G, Junges R, Petersen FC. Antibiotics alter the window of competence for natural transformation in streptococci. *Mol Oral Microbiol.* 2018 Oct;33(5):378-387. <https://onlinelibrary.wiley.com/doi/10.1111/omi.12240>

Vik I, Bollestad M, Grude N, Bærheim A, Damsgaard E, Neumark T, Bjerrum L, Cordoba G, Olsen IC, Lindbæk M. Ibuprofen versus pivmecillinam for uncomplicated urinary tract infection in women-A double-blind, randomized non-inferiority trial. *PLoS Med.* 2018 May 15;15(5):e1002569. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5953442/>

Wagner TM, Janice J, Paganelli FL, Willems RJ, Askarian F, Pedersen T, Top J, de Haas C, van Strijp JA, Johannessen M, Hegstad K. Enterococcus faecium TIR-Domain Genes Are Part of a Gene Cluster Which Promotes Bacterial Survival in Blood. *Int J Microbiol.* 2018 Dec 3;2018:1435820. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6304867/>

Winje BA, White R, Syre H, Skutlaberg DH, Oftung F, Mengshoel AT, Blix HS, Brantsæter AB, Holter EK, Handal N, Simonsen GS, Afset JE, Bakken Kran AM. Stratification by interferon-gamma release assay level predicts risk of incident TB. *Thorax.* 2018 Apr 5. <https://thorax.bmj.com/content/73/7/652.long>

2017

Berg ES, Wester AL, Ahrenfeldt J, Mo SS, Slettemeås JS, Steinbakk M, Samuelsen Ø, Grude N, Simonsen GS, Løhr IH, Jørgensen SB, Tofteland S, Lund O, Dahle UR, Sunde M. Norwegian patients and retail chicken meat share cephalosporin-resistant *Escherichia coli* and IncK/bla_{CMY-2} resistance plasmids. *Clin Microbiol Infect.* 2017 Jun;23(6):407.e9-407.e15 [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(17\)30006-X/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(17)30006-X/fulltext)

Eliassen KE, Berild D, Reiso H, Grude N, Christophersen KS, Finckenhagen C, Lindbæk M. Incidence and antibiotic treatment of erythema migrans in Norway 2005-2009. *Ticks and Tick-borne Diseases,* Volume 8, Issue 1, January 2017, pages 1-8. <https://www.sciencedirect.com/science/article/abs/pii/S1877959X16300978?via%3Dihub>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.

Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Eliassen KE, Hjetland R, Reiso H, Lindbæk M, Tschudi-Madsen H. Symptom load and general function among patients with erythema migrans: a prospective study with a 1-year follow-up after antibiotic treatment in Norwegian general practice. Scandinavian Journal of Primary Health Care, Volume 35, 2017, Issue 1, pages 75- 83. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5361422/>

Esaiassen E, Hjerde E, Cavanagh JP, Simonsen GS, Klingenberg C; Norwegian Study Group on Invasive Bifidobacterial Infections. Bifidobacterium Bacteremia: Clinical Characteristics and a Genomic Approach To Assess Pathogenicity. J Clin Microbiol. 2017 Jul;55(7):2234-2248. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5483926/>

Giske A, Nymo LS, Fuskevåg OM, Amundsen S, Simonsen GS, Lassen K. Systemic antibiotic prophylaxis prior to gastrointestinal surgery - is oral administration of doxycycline and metronidazole adequate? Infect Dis (Lond). 2017 Nov - Dec;49(11-12):785-791.

<https://www.tandfonline.com/doi/abs/10.1080/23744235.2017.1342044>

Hanssen AM, Kindlund B, Stenklev NC, Furberg AS, Fismen S, Olsen RS, Johannessen M, Sollid JU. Localization of *Staphylococcus aureus* in tissue from the nasal vestibule in healthy carriers. BMC Microbiol. 2017 Apr 5;17(1):89. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5382455/>

Hesstvedt L, Arendrup MC, Poikonen E, Klingpor L, Friman V, Nordøy I; Swedish fungal Surveillance Group Collaborators. Differences in epidemiology of candidaemia in the Nordic countries - what is to blame? Mycoses. 2017 Jan;60(1):11-19. <https://onlinelibrary.wiley.com/doi/10.1111/myc.12535>

Jasienska G, Bribiescas RG, Furberg AS, Helle S, Núñez-de la Mora A. Human reproduction and health: an evolutionary perspective. Lancet. 2017 Jul 29;390(10093):510-520.

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(17\)30573-1/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(17)30573-1/fulltext)

Johnsen BO, Handal N, Meisal R, Bjørnholt JV, Gaustad P, Leegaard TM. erm gene distribution among Norwegian *Bacteroides* isolates and evaluation of phenotypic tests to detect inducible clindamycin resistance in *Bacteroides* species. Anaerobe. 2017 Oct;47:226-232. <https://www.sciencedirect.com/science/article/abs/pii/S1075996417301221?via%3Dihub>

Junges R, Salvadori G, Shekhar S, Åmdal HA, Periselneris JN, Chen T, Brown JS, Petersen FC. A Quorum-Sensing System That Regulates *Streptococcus pneumoniae* Biofilm Formation and Surface Polysaccharide Production. mSphere. 2017 Sep 13;2(5). <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5597970/>

Knudsen PK, Brandtzaeg P, Høiby EA, Bohlin J, Samuelsen Ø, Steinbakk M, Abrahamsen TG, Müller F, Gammelsrud KW. Impact of extensive antibiotic treatment on faecal carriage of antibiotic-resistant enterobacteria in children in a low resistance prevalence setting. PLoS One. 2017 Nov 7;12(11):e0187618. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5675440/>

Magiorakos AP, Burns K, Rodríguez Baño J, Borg M, Daikos G, Dumpis U, Lucet JC, Moro ML, Tacconelli E, Simonsen GS, Szilágyi E, Voss A, Weber JT. Infection prevention and control measures and tools for the prevention of entry of carbapenem-resistant Enterobacteriaceae into healthcare settings: guidance from the European Centre for Disease Prevention and Control. Antimicrob Resist Infect Control. 2017 Nov 15;6:113. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5686856/>

Mehl A, Åsvold BO, Kümmel A, Lydersen S, Paulsen J, Haugan I, Solligård E, Damås JK, Harthug S, Edna TH. Trends in antimicrobial resistance and empiric antibiotic therapy of bloodstream infections at a general hospital in Mid-Norway: a prospective observational study. BMC Infect Dis. 2017 Feb 2;17(1):116. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5288893/>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetsk liste med førsteforfattere for hvert år 2005-2023.

Mehl A, Åsvold BO, Lydersen S, Paulsen J, Solligård E, Damås JK, Harthug S, Edna TH. Burden of bloodstream infection in an area of Mid-Norway 2002-2013: a prospective population-based observational study. *BMC Infect Dis*. 2017 Mar 11;17(1):205.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5346205/>

Paulsen J, Askim Å, Mohus RM, Mehl A, Dewan A, Solligård E, Damås JK, Åsvold BO. Associations of obesity and lifestyle with the risk and mortality of bloodstream infection in a general population: a 15-year follow-up of 64 027 individuals in the HUNT Study. *Int J Epidemiol*. 2017 Oct 1;46(5):1573-1581. <https://academic.oup.com/ije/article/46/5/1573/3868541?login=false>

Pulcini C, Mohrs S, Beovic B, Gyssens I, Theuretzbacher U, Cars O; ESCMID Study Group for Antibiotic Policies (ESGAP), ReAct Working Group on Old Antibiotics. Forgotten antibiotics: a follow-up inventory study in Europe, the USA, Canada and Australia. *Int J Antimicrob Agents*. 2017 Jan;49(1):98-101. <https://www.sciencedirect.com/science/article/abs/pii/S0924857916303363?via%3Dhub>

Simonsen GS, Eriksen HM, Steinbakk M. Antibiotikaresistens må bekjempes globalt. *Tidsskr Nor Laegeforen*. 2017 Nov 13;137(21). <https://tidsskriftet.no/2017/11/debatt/antibiotikaresistens-ma-bekjempes-globalt>

Simonsen GS. Use of antibiotics in hospitals and nursing homes. *Tidsskr Nor Laegeforen*. 2017 Mar 7;137(5):340. <https://tidsskriftet.no/en/2017/03/editorial/use-antibiotics-hospitals-and-nursing-homes>

Sørensen M, Klingenberg C, Wickman M, Sollid JUE, Furberg AS, Bachert C, Bousquet J. Staphylococcus aureus enterotoxin sensitization is associated with allergic poly-sensitization and allergic multimorbidity in adolescents. *Allergy*. 2017 Oct;72(10):1548-1555. <https://onlinelibrary.wiley.com/doi/10.1111/all.13175>

Youngster I, Avorn J, Belleudi V, Cantarutti A, Díez-Domingo J, Kirchmayer U, Park BJ, Peiró S, Sanfélix-Gimeno G, Schröder H, Schüssel K, Shin JY, Shin SM, Simonsen GS, Blix HS, Tong A, Trifirò G, Ziv-Baran T, Kim SC. Antibiotic Use in Children - A Cross-National Analysis of 6 Countries. *J Pediatr*. 2017 Mar;182:239-244.e1. <https://pubmed.ncbi.nlm.nih.gov/28012694/>

2016

Andersen KM, Kristoffersen AK, Ingebretsen A, Vikholt KJ, Örtengren UT, Olsen I, Enersen M, Gaustad P. Diversity and antifungal susceptibility of Norwegian *Candida glabrata* clinical isolates. *J Oral Microbiol*. 2016 Feb 8;8:29849. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4748091/>

Askim Å, Mehl A, Paulsen J, DeWan AT, Vestrheim DF, Åsvold BO, Damås JK, Solligård E. Epidemiology and outcome of sepsis in adult patients with *Streptococcus pneumoniae* infection in a Norwegian county 1993-2011: an observational study. *BMC Infect Dis*. 2016 May 23;16:223. <https://bmccinfectdis.biomedcentral.com/articles/10.1186/s12879-016-1553-8>

Berg AS, Inchley CS, Aase A, Fjaerli HO, Bull R, Aaberge I, Leegaard TM, Nakstad B. Etiology of Pneumonia in a Pediatric Population with High Pneumococcal Vaccine Coverage: A Prospective Study. *Pediatr Infect Dis J*. 2016 Mar;35(3):e69-75. <https://pubmed.ncbi.nlm.nih.gov/26599568/>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetsk liste med førsteforfattere for hvert år 2005-2023.

Berg AS, Inchley CS, Fjaerli HO, Leegaard TM, Nakstad B. Microbial aetiology of paediatric pneumonia complicated with parapneumonic effusion in the era of pneumococcal vaccination. *Infect Dis (Lond)*. 2016 Sep;48(9):712-4. <https://pubmed.ncbi.nlm.nih.gov/27301332/>

Cavanagh JP, Wolden R, Heise P, Esaiassen E, Klingenberg C, Aarag Fredheim EG. Antimicrobial susceptibility and body site distribution of community isolates of coagulase-negative staphylococci. *APMIS*. 2016 Nov;124(11):973-978. <https://pubmed.ncbi.nlm.nih.gov/27599662/>

Eliassen KE, Berild D, Reiso H, Grude N, Christophersen KS, Finckenhagen C, Lindbæk M. Incidence and antibiotic treatment of erythema migrans in Norway 2005-2009. *Ticks Tick Borne Dis*. 2017 Jan;8(1):1-8. <https://pubmed.ncbi.nlm.nih.gov/27475874/>

Esaiassen E, Cavanagh P, Hjerde E, Simonsen GS, Støen R, Klingenberg C. Bifidobacterium longum Subspecies infantis Bacteremia in 3 Extremely Preterm Infants Receiving Probiotics. *Emerg Infect Dis*. 2016 Sep;22(9):1664-6. https://wwwnc.cdc.gov/eid/article/22/9/16-0033_article

Fjalstad JW, Stensvold HJ, Bergseng H, Simonsen GS, Salvesen B, Rønnestad AE, Klingenberg C. Early-onset Sepsis and Antibiotic Exposure in Term Infants: A Nationwide Population-based Study in Norway. *Pediatr Infect Dis J*. 2016 Jan;35(1):1-6. <https://pubmed.ncbi.nlm.nih.gov/26368059/>

Høgli JU, Garcia BH, Skjold F, Skogen V, Småbrekke L. An audit and feedback intervention study increased adherence to antibiotic prescribing guidelines at a Norwegian hospital. *BMC Infect Dis*. 2016 Feb 27;16:96. <https://bmcinfectdis.biomedcentral.com/articles/10.1186/s12879-016-1426-1>

Sørensen M, Wickman M, Sollid JU, Furberg AS, Klingenberg C. Allergic disease and *Staphylococcus aureus* carriage in adolescents in the Arctic region of Norway. *Pediatr Allergy Immunol*. 2016 Nov;27(7):728-735. <https://onlinelibrary.wiley.com/doi/10.1111/pai.12595>

Torsvik M, Gustad LT, Mehl A, Bangstad IL, Vinje LJ, Damås JK, Solligård E. Early identification of sepsis in hospital inpatients by ward nurses increases 30-day survival. *Crit Care*. 2016 Aug 5;20(1):244. <https://ccforum.biomedcentral.com/articles/10.1186/s13054-016-1423-1>

Zykov IN, Sundsfjord A, Småbrekke L, Samuelsen Ø. The antimicrobial activity of mecillinam, nitrofurantoin, temocillin and fosfomycin and comparative analysis of resistance patterns in a nationwide collection of ESBL-producing *Escherichia coli* in Norway 2010-2011. *Infect Dis (Lond)*. 2016 Feb;48(2):99-107. <https://pubmed.ncbi.nlm.nih.gov/26414659/>

Aanensen DM, Feil EJ, Holden MT, Dordel J, Yeats CA, Fedosejev A, Goater R, Castillo-Ramírez S, Corander J, Colijn C, Chlebowicz MA, Schouls L, Heck M, Pluister G, Ruimy R, Kahlmeter G, Åhman J, Matuschek E, Friedrich AW, Parkhill J, Bentley SD, Spratt BG, Grundmann H; European SRL Working Group. Whole-Genome Sequencing for Routine Pathogen Surveillance in Public Health: a Population Snapshot of Invasive *Staphylococcus aureus* in Europe. *MBio*. 2016 May 5;7(3). <https://journals.asm.org/doi/pdf/10.1128/mBio.00444-16>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

2015

Albiger B, Glasner C, Struelens MJ, Grundmann H, Monnet DL; European Survey of Carbapenemase-Producing Enterobacteriaceae (EuSCAPE) working group. Carbapenemase-producing Enterobacteriaceae in Europe: assessment by national experts from 38 countries, May 2015. Euro Surveill. 2015;20(45). <https://www.eurosurveillance.org/content/10.2807/1560-7917.ES.2015.20.45.30062>

Fjalstad JW, Stensvold HJ, Bergseng H, Simonsen GS, Salvesen B, Rønnestad AE, Klingenberg C. Early-onset Sepsis and Antibiotic Exposure in Term Infants: A Nationwide Population-based Study in Norway. Pediatr Infect Dis J. 2016 Jan;35(1):1-6. <https://pubmed.ncbi.nlm.nih.gov/26368059/>

Hesstvedt L, Gaustad P, Andersen CT, Haarr E, Hannula R, Haukland HH, Hermansen NO, Larssen KW, Mylvaganam H, Ranheim TE, Sandven P, Nordøy I; Norwegian Yeast Study Group, Kanestrøm A, Grub C, Onken A, Thielsen C, Skaare D, Tofteland S, Sønsteby LJ, Hjetland R, Hide R, Vik E, Kümmel A, Åsheim S. Twenty-two years of candidaemia surveillance: results from a Norwegian national study. Clin Microbiol Infect. 2015 Oct;21(10):938-45. <https://pubmed.ncbi.nlm.nih.gov/26093076/>

Löhr IH, Hütter N, Bernhoff E, Johnsen PJ, Sundsfjord A, Naseer U. Persistence of a pKPN3-like CTX-M-15-encoding IncFIIK plasmid in a Klebsiella pneumonia ST17 host during two years of intestinal colonization. PLoS One. 2015 Mar 4;10(3):e0116516. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0116516>

Mehl A, Harthug S, Lydersen S, Paulsen J, Åsvold BO, Solligård E, Damås JK, Edna TH. Prior statin use and 90-day mortality in Gram-negative and Gram-positive bloodstream infection: a prospective observational study. Eur J Clin Microbiol Infect Dis. 2015 Mar;34(3):609-17. <https://link.springer.com/article/10.1007/s10096-014-2269-6>

Paulsen J, Mehl A, Askim Å, Solligård E, Åsvold BO, Damås JK. Epidemiology and outcome of *Staphylococcus aureus* bloodstream infection and sepsis in a Norwegian county 1996-2011: an observational study. BMC Infect Dis. 2015 Mar 4;15:116. <https://bmcinfectdis.biomedcentral.com/articles/10.1186/s12879-015-0849-4>

Pulcini C, Wencker F, Frimodt-Møller N, Kern WV, Nathwani D, Rodríguez-Baño J, Simonsen GS, Vlahović-Palčevski V, Gyssens IC; ESGAP Curriculum Working Group. European survey on principles of prudent antibiotic prescribing teaching in undergraduate students. Clin Microbiol Infect. 2015 Apr;21(4):354-61. [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(14\)00101-3/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(14)00101-3/fulltext)

Raastad R, Tvete IF, Abrahamsen TG, Berild D, Leegaard TM, Walberg M, Müller F. A worrying trend in weight-adjusted paediatric antibiotic use in a Norwegian tertiary care hospital. Acta Paediatr. 2015 Jul;104(7):687-92. <https://onlinelibrary.wiley.com/doi/10.1111/apa.12994>

Rettedal S, Löhr IH, Bernhoff E, Natås OB, Sundsfjord A, Øymar K. Extended-spectrum β-lactamase-producing Enterobacteriaceae among pregnant women in Norway: prevalence and maternal-neonatal transmission. J Perinatol. 2015 Nov;35(11):907-12. <https://www.nature.com/articles/jp201582>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Sunde M, Simonsen GS, Slettemeås JS, Böckerman I, Norström M. Integron, Plasmid and Host Strain Characteristics of Escherichia coli from Humans and Food Included in the Norwegian Antimicrobial Resistance Monitoring Programs. *PLoS One*. 2015 Jun 5;10(6):e0128797.
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0128797>

2014

Fagan M, Lindbæk M, Reiso H, Berild D. A simple intervention to reduce inappropriate ciprofloxacin prescribing in the emergency department. *Scand J Infect Dis*. 2014 Jul;46(7):481-5.
<https://www.tandfonline.com/doi/full/10.3109/00365548.2014.880187?journalCode=inf19>

Geilhufe M, Held L, Skrøvseth SO, Simonsen GS, Godtliebsen F. Power law approximations of movement network data for modeling infectious disease spread. *Biom J*. 2014 May;56(3):363-82.
<https://onlinelibrary.wiley.com/doi/10.1002/bimj.201200262>

Haldorsen BC, Simonsen GS, Sundsfjord A, Samuelsen O; Norwegian Study Group on Aminoglycoside Resistance. Increased prevalence of aminoglycoside resistance in clinical isolates of Escherichia coli and Klebsiella spp. in Norway is associated with the acquisition of AAC(3')-II and AAC(6')-Ib. *Diagn Microbiol Infect Dis*. 2014 Jan;78(1):66-9. <https://pubmed.ncbi.nlm.nih.gov/24231381/>

Haug JB, Berild D, Walberg M, Reikvam Å. Hospital- and patient-related factors associated with differences in hospital antibiotic use: analysis of national surveillance results. *Antimicrob Resist Infect Control*. 2014 Dec 24;3(1):40. <https://aricjournal.biomedcentral.com/articles/10.1186/s13756-014-0040-5>

Hegstad K, Longva JÅ, Hide R, Aasnæs B, Lunde TM, Simonsen GS. Cluster of linezolid-resistant Enterococcus faecium ST117 in Norwegian hospitals. *Scand J Infect Dis*. 2014 Oct;46(10):712-5.
<https://www.tandfonline.com/doi/full/10.3109/00365548.2014.923107>

Høgås JU, Småbrekke L, Garcia BH. MAT-CAP: a novel medication assessment tool to explore adherence to clinical practice guidelines in community-acquired pneumonia. *Pharmacoepidemiol Drug Saf*. 2014 Sep;23(9):933-41. <https://pubmed.ncbi.nlm.nih.gov/24797586/>

Sollid JU, Furberg A-S, Hanssen AM, Johannessen M. *Staphylococcus aureus*: determinants of human carriage. *Infect Genet Evol*. 2014 Jan;21:531-41.
<https://www.sciencedirect.com/science/article/pii/S1567134813000932?via%3Dihub>

Strand L, Jenkins A, Henriksen IH, Allum AG, Grude N, Kristiansen BE. High levels of multiresistance in quinolone resistant urinary tract isolates of Escherichia coli from Norway; a non clonal phenomenon? *BMC Res Notes*. 2014 Jun 19;7:376. <https://bmcresearchnotes.biomedcentral.com/articles/10.1186/1756-0500-7-376>

Søraas A, Sundsfjord A, Jørgensen SB, Liestøl K, Jenum PA. High rate of per oral mecillinam treatment failure in community-acquired urinary tract infections caused by ESBL-producing Escherichia coli. *PLoS One*. 2014 Jan 15;9(1):e85889.
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0085889>

Vik I, Bollestad M, Grude N, Bærheim A, Mölstad S, Bjerrum L, Lindbæk M. Ibuprofen versus mecillinam for uncomplicated cystitis- a randomized controlled trial study protocol. *BMC Infect Dis*. 2014 Dec 17;14:693. <https://bmcinfectdis.biomedcentral.com/articles/10.1186/s12879-014-0693-y>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

2013

Aldrin M, Raastad R, Tveten IF, Berild D, Frigessi A, Leegaard T, Monnet DL, Walberg M, Müller F. Antibiotic resistance in hospitals: a ward-specific random effect model in a low antibiotic consumption environment. *Stat Med*. 2013 Apr 15;32(8):1407-18.
<https://pubmed.ncbi.nlm.nih.gov/23027651/>

Gravning K, Simonsen GS, Furberg A-S, Wilsgaard T. Factors associated with Chlamydia trachomatis testing in a high school based screening and previously in clinical practice: a cross-sectional study in Norway. *BMC Infectious Diseases*. 2013;13:361.
<https://bmccentres.biomedcentral.com/articles/10.1186/1471-2334-13-361>

Löhr IH, Rettedal S, Natås OB, Naseer U, Øymar K, Sundsfjord A. Long-term faecal carriage in infants and intra-household transmission of CTX-M-15-producing *Klebsiella pneumoniae* following a nosocomial outbreak. *J Antimicrob Chemother*. 2013 May;68(5):1043-8.
<https://academic.oup.com/jac/article/68/5/1043/682782?login=false>

Nilsen E, Haldorsen BC, Sundsfjord A, Simonsen GS, Ingebretsen A, Naseer U, Samuelsen O; Norwegian Study Group on Invasive Enterobacter. Large IncHI2-plasmids encode extended-spectrum β -lactamases (ESBLs) in *Enterobacter* spp. bloodstream isolates, and support ESBL-transfer to *Escherichia coli*. *Clin Microbiol Infect*. 2013 Nov;19(11):E516-8.
[https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(14\)63023-8/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(14)63023-8/fulltext)

Olsen K, Danielsen K, Wilsgaard T, Sangvik M, Sollid JU, Thune I, Eggen AE, Simonsen GS, Furberg AS. Obesity and *Staphylococcus aureus* nasal colonization among women and men in a general population. *PLoS One*. 2013 May 7;8(5):e63716.
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0063716>

Olsen K, Sangvik M, Simonsen GS, Sollid JUE, Sundsfjord A, Thune I, Furberg A-S. Prevalence and population structure of *Staphylococcus aureus* nasal carriage in healthcare workers in a general population. The Tromsø Staph and Skin Study. *Epidemiology and Infection*. 2013;141(1):143-52.
<https://pubmed.ncbi.nlm.nih.gov/22440487/>

Rettedal S, Høyland Löhr I, Natås O, Sundsfjord A, Øymar K. Risk factors for acquisition of CTX-M-15 extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* during an outbreak in a neonatal intensive care unit in Norway. *Scand J Infect Dis*. 2013; 45(1):54-8.
<https://www.tandfonline.com/doi/full/10.3109/00365548.2012.713116>

Søraas A, Sundsfjord A, Sandven I, Brunborg C, Jenum PA. Risk factors for community-acquired urinary tract infections caused by ESBL-producing Enterobacteriaceae- a case-control study in a low prevalence country. *PLoS One*. 2013 Jul 23;8(7):e69581.
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0069581>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

2012

Fagan M, Mæhlen M, Lindbæk M, Berild D. Antibiotic prescribing in nursing homes in an area with low prevalence of antibiotic resistance: compliance with national guidelines. *Scand J Prim Health Care*. 2012 Mar;30(1):10-5. <https://www.tandfonline.com/doi/full/10.3109/02813432.2011.629156>

Gravningen KM, Christerson L, Furberg A-S, Simonsen GS, Ödman K, Ståhlsten A, Herrmann B. Multilocus Sequence Typing of Genital Chlamydia trachomatis in Norway Reveals Multiple New Sequence Types and a Large Genetic Diversity. *PLoS ONE* 2012;7(3):e34452. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0034452>

Gravningen KM, Furberg A-S, Simonsen GS, Wilsgaard T. Early sexual behaviour and Chlamydia trachomatis infection - a population based cross-sectional study on gender differences among adolescents in Norway. *BMC Infectious Diseases* 2012; 12:319. <https://bmcinfectdis.biomedcentral.com/articles/10.1186/1471-2334-12-319>

Hegge AB, Bruzell E, Kristensen S, Tønnesen HH. Photoinactivation of *Staphylococcus epidermidis* biofilms and suspensions by the hydrophobic photosensitizer curcumin-effect of selected nanocarrier: studies on curcumin and curcuminoïdes XLVII. *Eur J Pharm Sci*. 2012 Aug 30;47(1):65-74. <https://pubmed.ncbi.nlm.nih.gov/22609527/>

Hegge AB. Formulering av antibiotika i behandling av motstandsdyktige bakterieinfeksjoner. *Norsk Farmaceutisk Tidsskrift* 2012(10):25-29.

Hjelmevoll SO, Golparian D, Dedi L, Skutlaberg DH, Haarr E, Christensen A, Jørgensen S, Nilsen ØJ, Unemo M, Skogen V. Phenotypic and genotypic properties of *Neisseria gonorrhoeae* isolates in Norway in 2009: antimicrobial resistance warrants an immediate change in national management guidelines. *Eur J Clin Microbiol Infect Dis*. 2012 Jun;31(6):1181-6. <https://link.springer.com/article/10.1007/s10096-011-1426-4>

Kuch A, Willems RJ, Werner G, Coque TM, Hammerum AM, Sundsfjord A, Klare I, Ruiz-Garbajosa P, Simonsen GS, van Luit-Asbroek M, Hryniewicz W, Sadowy E. Insight into antimicrobial susceptibility and population structure of contemporary human *Enterococcus faecalis* isolates from Europe. *J Antimicrob Chemother*. 2012;67:551-8. <https://academic.oup.com/jac/article/67/3/551/799201?login=false>

Lindemann PC, Risberg K, Wiker HG, Mylvaganam H. Aminoglycoside resistance in clinical *Escherichia coli* and *Klebsiella pneumoniae* isolates from Western Norway. *APMIS*. 2012 Jun;120(6):495-502. <https://pubmed.ncbi.nlm.nih.gov/22583362/>

Olsen K, Falch BM, Danielsen K, Johannessen M, Ericson Sollid JU, Thune I, Grimnes G, Jorde R, Simonsen GS, Furberg A-S. *Staphylococcus aureus* nasal carriage is associated with serum 25-hydroxyvitamin D levels, gender and smoking status. The Tromsø Staph and Skin Study. *Eur. J. Clin. Microbiol. Infect. Dis.*, 2012;31:465-473. <https://link.springer.com/article/10.1007/s10096-011-1331-x>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Pulcini C, Bush K, Craig WA, Frimodt-Møller N, Grayson ML, Mouton JW, Turnidge J, Harbarth S, Gyssens IC, Hysa A, Pipero P, Theuretzbacher U, Kantardjiev T, Lowe D, Vlahovic-Palcevski V, Laius O, Lutsar I, Bergman M, Matz S, Ziegelmann A, Giambarelli H, Benkő R, Nagy E, Arnórsson M, Bergin C, O'Connor M, Tacconelli E, Raka L, Dumpis U, Jurkevičienė A, Bruch M, Heisbourg E, Bosevska G, Zarb P, Simonsen GS, Hryniwicz W, Ramos Dias LC, Lupse M, Carevic B, Beović B, Paño Pardo JR, Hanberger H, Akova M, Kennedy H, Marwick C. Forgotten antibiotics: an inventory in Europe, the United States, Canada, and Australia. *Clin Infect Dis*. 2012;54(2):268-74.

<https://academic.oup.com/cid/article/54/2/268/471278?login=false>

Rettedal S, Löhr IH, Natås O, Giske CG, Sundsfjord A, Øymar K. First outbreak of extended-spectrum β-lactamase-producing Klebsiella pneumoniae in a Norwegian neonatal intensive care unit; associated with contaminated breast milk and resolved by strict cohorting. *APMIS*. 2012 Aug;120(8):612-21. <https://pubmed.ncbi.nlm.nih.gov/22779683/>

Rosvoll TC, Lindstad BL, Lunde TM, Hegstad K, Aasnaes B, Hammerum AM, Lester CH, Simonsen GS, Sundsfjord A, Pedersen T. Increased high-level gentamicin resistance in invasive Enterococcus faecium is associated with aac(6')Ie-aph(2')Ia-encoding transferable megaplasmids hosted by major hospital-adapted lineages. *FEMS Immunol Med Microbiol*. 2012 Nov;66(2):166-76.

<https://pubmed.ncbi.nlm.nih.gov/22672387/>

Tofteland S, Dahl K, Aasnæs B, Sundsfjord A, Naseer U. A nationwide study of mechanisms conferring reduced susceptibility to extended-spectrum cephalosporins in clinical Escherichia coli and Klebsiella spp. isolates. *Scand. J. Infect. Dis.* 2012;44:927-933.

<https://www.tandfonline.com/doi/full/10.3109/00365548.2012.707330>

Aamot HV, Blomfeldt A, Eskesen AN. Genotyping of 353 Staphylococcus aureus bloodstream isolates collected between 2004 and 2009 at a Norwegian university hospital and potential associations with clinical parameters. *J Clin Microbiol*. 2012 Sep;50(9):3111-4.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3421811/>

2011

Eliassen KE. Lyme borreliose - nordens "tropesykdom". *Bioingeniøren*. 2011(4):14-18.

Gagliotti C, Balode A, Baquero F, Degener J, Grundmann H, et al. Escherichia coli and Staphylococcus aureus: bad news and good news from the European Antimicrobial Resistance Surveillance Network (EARS-Net, formerly EARSS), 2002 to 2009. *Euro Surveill*. 2011;16:19819.

<https://www.eurosurveillance.org/content/10.2807/ese.16.11.19819-en>

Haug JB, Berild D, Walberg M, Reikvam A. Increased antibiotic use in Norwegian hospitals despite a low antibiotic resistance rate. *J Antimicrob Chemother*. 2011 Nov;66(11):2643-6.

<https://academic.oup.com/jac/article/66/11/2643/750796?login=false>

Johnsen PJ, Townsend JP, Bøhn T, Simonsen GS, Sundsfjord A, Nielsen KM. Retrospective evidence for a biological cost of vancomycin resistance determinants in the absence of glycopeptide selective pressures. *J Antimicrob Chemother*. 2011;66:608-10.

<https://academic.oup.com/jac/article/66/3/608/732874?login=false>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetskist liste med førsteforfattere for hvert år 2005-2023.

Karah N, Haldorsen B, Hegstad K, Simonsen GS, Sundsfjord A, Samuelsen Ø; Norwegian Study Group of Acinetobacter. Species identification and molecular characterization of Acinetobacter spp. blood culture isolates from Norway. *J Antimicrob Chemother*. 2011 Apr;66(4):738-44.
<https://academic.oup.com/jac/article/66/4/738/723294?login=false>

Nilsson LE, Frimodt-Møller N, Vaara M, Simonsen GS. Comparative activity of tigecycline and tetracycline on Gram-negative and Gram-positive bacteria revealed by a multicentre study in four North European countries. *Scand J Infect Dis*. 2011;43:707-13.
<https://www.tandfonline.com/doi/full/10.3109/00365548.2011.581305>

Rørtveit S, Skutlaberg DH, Langeland N, Rortveit G. Impetigo in a population over 8.5 years: incidence, fusidic acid resistance and molecular characteristics. *J Antimicrob Chemother*. 2011 Jun;66(6):1360-4. <https://academic.oup.com/jac/article/66/6/1360/717826?login=false>

Sangvik M, Olsen RS, Olsen K, Simonsen GS, Furberg A-S, Sollid JU. Age- and gender-associated Staphylococcus aureus spa types found among nasal carriers in a general population: the Tromso Staph and Skin Study. *J Clin Microbiol*. 2011;49:4213-8.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3232966/>

2010

Fagan M, Skotheim SB. Fluorokinolonbruk i sykehjem. *Tidsskr Nor Laegeforen*, 2010;130(20):2022-4.
<https://tidsskriftet.no/2010/10/aktuelt/fluorokinolonbruk-i-sykehjem>

Grundmann H, Aanensen DM, van den Wijngaard CC, Sabat AJ, Muilwijk J, et al. Geographic distribution of *Staphylococcus aureus* causing invasive infections in Europe: a molecular epidemiological analysis. *PLoS Med* 2010;7(1):e1000215.
<https://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1000215>

Grundmann H, Livermore DM, Giske CG, Canton R, Rossolini GM, et al. Carbapenem-non-susceptible Enterobacteriaceae in Europe: conclusions from a meeting of national experts. *Euro Surveill* 2010;15(46):pii:19711. <https://www.eurosurveillance.org/content/10.2807/ese.15.46.19711-en>

Karah N, Poirel L, Bengtsson S, Sundqvist M, Kahlmeter G, et al. Plasmid-mediated quinolone resistance determinants qnr and aac(6')-Ib-cr in *Escherichia coli* and *Klebsiella* spp. from Norway and Sweden. *Diagn Microbiol Infect Dis* 2010;66(4):425-31.
<https://www.sciencedirect.com/science/article/abs/pii/S0732889309004817?via%3Dihub>

Naseer U, Haldorsen B, Simonsen GS, Sundsfjord A. Sporadic occurrence of CMY-2-producing multidrugresistant *Escherichia coli* of ST-complexes 38 and 448, and ST131 in Norway. *Clin Microbiol Infect* 2010;16(2):171-8. [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(14\)61541-X/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(14)61541-X/fulltext)

Petersen FC, Scheie AA. Natural transformation of oral streptococci. *Methods Mol Biol*, 2010;666:167-80. <https://pubmed.ncbi.nlm.nih.gov/20717785/>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.

Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

Rosvoll TC, Pedersen T, Sletvold H, Johnsen PJ, Sollid JE, Simonsen GS, Jensen LB, Nielsen KM, Sundsfjord A. PCR-based plasmid typing in *Enterococcus faecium* strains reveals widely distributed pRE25-, pRUM-, pIP501-and pHb-related replicons associated with glycopeptide resistance and stabilizing toxin-antitoxin systems. *FEMS Immunol Med Microbiol* 2010;58(2):254-68.

<https://pubmed.ncbi.nlm.nih.gov/20015231/>

Rørtveit S, Skutlaberg DH, Langeland N, Rørtveit G. Impetigo in a population over 8.5 years: incidence, fusidic acid resistance and molecular characteristics. *J Antimicrob Chemother*. 2011;66(6):1360-1364. <https://academic.oup.com/jac/article/66/6/1360/717826?login=false>

Skaare D, Allum AG, Anthonisen IL, Jenkins A, Lia A, Strand L, Tveten Y, Kristiansen BE. Mutant ftsI genes in the emergence of penicillin-binding protein-mediated β-lactam resistance in *Haemophilus influenzae* in Norway. *Clin Microbiol Infect*, 2010;16(8):1117-24.

[https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(14\)64203-8/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(14)64203-8/fulltext)

Sletvold H, Johnsen PJ, Wikmark OG, Simonsen GS, Sundsfjord A, Nielsen KM. Tn1546 is part of a larger plasmid-encoded genetic unit horizontally disseminated among clonal *Enterococcus faecium* lineages. *J Antimicrob Chemother* 2010;65(9):1894-906.

<https://academic.oup.com/jac/article/65/9/1894/719134?login=false>

Vestrheim DF, Høiby EA, Aaberge IS, Caugant DA. Impact of a pneumococcal conjugate vaccination program on carriage among children in Norway. *Clin Vaccine Immunol*, 2010;17(3):325-34.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2837970/>

Vorobieva V, Naseer U, Bazhukova T, Semenova N, Haldorsen BC, Aasnæs B, Simonsen GS, Sundsfjord A. Urinary tract isolates of Enterobacteriaceae from hospitalized patients in the Arkhangelsk region, Russia: antimicrobial susceptibility and characterization of extended-spectrum β-lactamases strains. *Scand J Infect Dis* 2010;42(10):797-800.

<https://www.tandfonline.com/doi/full/10.3109/00365541003798292>

2009

Boivin G, Goyette N, Rollag H, Jardine AG, Pescovitz MD, Asberg A, Ives J, Hartmann A, Humar A. Cytomegalovirus resistance in solid organ transplant recipients treated with intravenous ganciclovir or oral valganciclovir. *Antivir Ther*, 2009;14(5):697-704. <https://pubmed.ncbi.nlm.nih.gov/19704173/>

Earnshaw S, Monnet DL, Duncan B, O'Toole J, Ekdahl K, Goossens H; European Antibiotic Awareness Day Technical Advisory Committee; European Antibiotic Awareness Day Collaborative Group. European Antibiotic Awareness Day, 2008 - the first Europe-wide public information campaign on prudent antibiotic use: methods and survey of activities in participating countries. *Euro Surveill*. 2009;14:19280. <https://www.eurosurveillance.org/content/10.2807/ese.14.30.19280-en>

Furberg A-S, Simonsen GS. Antibiotikaresistens i Norge - hvilken rolle spiller Norsk overvåkingssystem for antibiotikaresistens hos mikrober? *Indremedisineren* 2009; 1:10-11.

Johnsen PJ, Townsend JP, Bøhn T, Simonsen GS, Sundsfjord A, Nielsen KM. (2009) Factors affecting the reversal of antimicrobial-drug resistance. *Lancet Infect Dis*. 2009; 9:357-64.

<https://pubmed.ncbi.nlm.nih.gov/19467475/>

Klingenbergs C, Småbrekke L, Døllner H, Simonsen GS. Peroral antibiotikabehandling av urinveisinfeksjon hos barn. *Tidsskr Nor Laegeforen*. 2009; 129:1342-4.

<https://tidsskriftet.no/2009/06/legemidler-i-praksis/peroral-antibiotikabehandling-av->

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

[urinveisinfeksjon-hos-barn](#)

Naseer U, Haldorsen B, Tofteland S, Hegstad K, Scheutz F, Simonsen GS, Sundsfjord A. Molecular characterisation of CTX-M-15-producing clinical isolates of *Escherichia coli* reveals the spread of multi-drug resistant ST-131 (O25:H4) and ST-964 (O102:H6) strains in Norway. *APMIS*. 2009;117:526-36. <https://pubmed.ncbi.nlm.nih.gov/19594493/>

Simonsen GS. Overvåking og forekomst av antibiotikaresistens i Norge. *Tidsskr Nor Laegeforen*. 2009; 129:623-7. <https://tidsskriftet.no/2009/03/oversiktsartikkel/overvaking-og-forekomst-av-antibiotikaresistens-i-norge>

Trobos M, Christensen H, Sunde M, Nordentoft S, Agerso Y, Simonsen GS, Hammerum AM, Olsen JE. Characterization of sulphonamide-resistant *Escherichia coli* using comparison of sul2 gene sequences and multilocus sequence typing. *Microbiology* 2009; 155:831-836.

<https://www.microbiologyresearch.org/content/journal/micro/10.1099/mic.0.024190-0#tab2>

2008

Al-Haroni M, Skaug N, Bakken V, Cash P. Proteomic analysis of ampicillin-resistant oral *Fusobacterium nucleatum*. *Oral Microbiol Immunol*, 2008;23(1)36-42.

<https://pubmed.ncbi.nlm.nih.gov/18173796/>

Dudman SG, Stene-Johansen K, Vik ISS. Resistens ved virusinfeksjoner. *Tidsskr Nor Lægeforen*, 2008;128(22):2597-600. <https://tidsskriftet.no/2008/11/tema-antibiotika-og-resistens/resistens-ved-virusinfeksjoner>

Haldorsen B, Aasnaes B, Dahl KH, Hanssen AM, Simonsen GS, Walsh TR, Sundsfjord A, Lundblad EW. The AmpC phenotype in Norwegian clinical isolates of *Escherichia coli* is associated with an acquired ISEcp1-like ampC element or hyperproduction of the endogenous AmpC. *J Antimicrob Chemother*. 2008;62:694-702. <https://pubmed.ncbi.nlm.nih.gov/18583329/>

Hammerstrøm J, Røym AL, Gran FW. Bakteriemi ved maligne blodsykdommer. *Tidsskr Nor Laegeforen*. 2008;128:1655-9. <https://tidsskriftet.no/2008/08/originalartikkel/bakteriemi-ved-maligne-blodsykdommer>

Samuelson Ø, Buarø L, Giske CG, Simonsen GS, Aasnaes B, Sundsfjord A. Evaluation of phenotypic tests for the detection of metallo-β-lactamase-producing *Pseudomonas aeruginosa* in a low prevalence country. *J Antimicrob Chemother*. 2008;61:827-30.

<https://academic.oup.com/jac/article/61/4/827/845215?login=false>

Simonsen GS. Antibiotikaresistens - et globalt folkehelseproblem. *Tidsskr Nor Laegeforen*. 2008;128:2552. <https://tidsskriftet.no/2008/11/leder/antibiotikaresistens-et-globalt-folkehelseproblem>

Sletvold H, Johnsen PJ, Hamre I, Simonsen GS, Sundsfjord A, Nielsen KM. Complete sequence of *Enterococcus faecium* pVEF3 and the detection of an omega-epsilon-zeta toxin-antitoxin module and an ABC transporter. *Plasmid*. 2008;60:75-85. <https://pubmed.ncbi.nlm.nih.gov/18511120/>

Stabell N, Nordal E, Stensvold E, Gammelsrud KW, Lund B, Taxt A, Buhring F, Greve-Isdahl M, Fornebo HP, Simonsen GS, Klingenberg C. Febrile neutropenia in children with cancer: A retrospective Norwegian multicenter study of clinical and microbiological outcome. *Scand J Infect Dis*. 2008;40:301-7.

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

<https://www.tandfonline.com/doi/full/10.1080/00365540701670436?journalCode=inf19>

Straand J, Gradmann C, Lindbæk M, Simonsen GS. Antibiotic development and resistance. In: International Encyclopedia of Public Health, Vol 1. San Diego: Academic Press; 2008. pp. 200-211.

Sundsfjord A, Simonsen GS, Haldorsen B, Lundblad EW, Samuelsen Ø. Bredspektrede betalaktamaser hos gramnegative stavbakterier. Tidsskr Nor Laegeforen. 2008;128:2741-5.

<https://tidsskriftet.no/2008/12/tema-antibiotika-og-resistens/bredspektrede-betalaktamaser-hos-gramnegative-stavbakterier>

Vestrheim DF, Høiby AE, Aaberge IS, Caugan DA. Phenotypic and genotypic characterization of *Streptococcus pneumoniae* strains colonizing children attending day-care centers in Norway. J Clin Microbiol, 2008; 46(8):2508-2518. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2519506/>

Vorobieva V, Bazhukova T, Hanssen AM, Caugant DA, Semenova N, Haldorsen BC, Simonsen GS, Sundsfjord A. Clinical isolates of *Staphylococcus aureus* from the Arkhangelsk region, Russia: antimicrobial susceptibility, molecular epidemiology, and distribution of Panton-Valentine leucocidin genes. APMIS 2008;116:877-87. <https://pubmed.ncbi.nlm.nih.gov/19132981/>

Werner G, Coque TM, Hammerum AM, Hope R, Hryniwicz W, Johnson A, Klare I, Kristinsson KG, Leclercq R, Lester CH, Lillie M, Novais C, Olsson-Liljequist B, Peixe LV, Sadowsky E, Simonsen GS, Top J, Vuopio-Varkila J, Willems RJ, Witte W, Woodford N. Emergence and spread of vancomycin resistance among enterococci in Europe. Euro Surveill. 2008;13:1-11.

<https://www.eurosurveillance.org/content/10.2807/ese.13.37.18977-en>

2007

Haugum K, Aas L, Lindstedt BA. Effect of quinolone antibiotics and chemicals on mutation types in *Salmonella enterica* serovars Enteritidis Hadar and Virchow. J of Chinese Clin Med 2007;2;241-51.

Sletvold H, Johnsen PJ, Simonsen GS, Aasnaes B, Sundsfjord A, and Nielsen KM. Comparative DNA analysis of two vanA plasmids of *Enterococcus faecium* isolated from poultry and a poultry farmer in Norway. Antimicrob Agents Chemother. 2007 Feb;51(2):736-739.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1797720/>

Stabell N, Nordal E, Stensvold E, Gammelsrud KW, Lund B, Taxt A, Buhring F, Greve-Isdahl M, Fornebo HP, Simonsen GS, Klingenberg C. Febrile neutropenia in children with cancer: A retrospective Norwegian multicentre study of clinical and microbiological outcome. Scand J Infect Dis. 2007 Oct 4:1-7. <https://www.tandfonline.com/doi/full/10.1080/00365540701670436>

Tofteland S, Haldorsen B, Dahl KH, Simonsen GS, Steinbakk M, Walsh TR, Sundsfjord A. Effects of phenotype and genotype on methods for detection of extended-spectrum beta-lactamase-producing clinical isolates of *Escherichia coli* and *Klebsiella pneumoniae* in Norway. J Clin Microbiol. 2007 Jan;45(1):199-205. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1828980/>

Publikasjoner relatert til NORM. NORM-data, NORM-finansiering eller NORM-ansatt.
Alfabetisk liste med førsteforfattere for hvert år 2005-2023.

2006

Kahlmeter G, Brown DF, Goldstein FW, MacGowan AP, Mouton JW, Odenholt I, Rodloff A, Soussy CJ, Steinbakk M, Soriano F, Stetsiouk O. European Committee on Antimicrobial Susceptibility Testing (EUCAST) Technical Notes on antimicrobial susceptibility testing. Clin Microbiol Infect. 2006 Jun;12(6):501-3. [https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X\(14\)62843-3/fulltext](https://www.clinicalmicrobiologyandinfection.com/article/S1198-743X(14)62843-3/fulltext)

Littauer P, Caugant DA, Sangvik M, Hoiby EA, Sundsfjord A, Simonsen GS. Macrolide-resistant *Streptococcus pyogenes* in Norway: population structure and resistance determinants. Antimicrob Agents Chemother. 2006 May;50(5):1896-9.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1472204/>

Sørum M, Johnsen PJ, Aasnes B, Rossvold T, Kruse H, Sundsfjord A, Simonsen GS. Prevalence, persistence, and molecular characterization of glycopeptide-resistant enterococci in Norwegian poultry and poultry farmers 3 to 8 years after the ban on avoparcin. Appl Environ Microbiol. 2006 Jan;72(1):516-21. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1352202/>

2005

Johnsen PJ, Østerhus JI, Sletvold H, Sørum M, Kruse H, Nielsen K, Simonsen GS, Sundsfjord A. Persistence of animal and human glycopeptide resistant enterococci on two Norwegian poultry farms formerly exposed to avoparcin is associated with a widespread plasmid-mediated vanA-element within a polyclonal *Enterococcus faecium* population. Appl Environ Microbiol 2005;71:159-168.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC544227/>

Littauer P, Sangvik M, Caugant DA, Høiby EA, Simonsen GS, Sundsfjord A, Norwegian Macrolide Study Group. Molecular epidemiology of macrolide-resistant isolates of *Streptococcus pneumoniae* collected from blood and respiratory specimens in Norway. J Clin Microbiol. 2005;43:2125-32.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1153744/>

Sangvik M, Littauer P, Simonsen GS, Sundsfjord A, Dahl KH. mef(A), mef(E) and a new mef allele in macrolideresistant *Streptococcus* spp. isolates from Norway. J. Antimicrob. Chemther. 2005;56:841-846. <https://academic.oup.com/jac/article/56/5/841/893103?login=false>