

Curriculum vitae for Kristoffer Jarlov Jensen

Position: Pharmacoepidemiologist, Copenhagen Phase IV Unit, Center for Clinical Research and Prevention, Bispebjerg and Frederiksberg Hospital, Denmark (2019-)

Education: MSc in Biology-Biotechnology, University of Copenhagen (2010)
PhD, University of Southern Denmark (2014)

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Citizenship: Danish

Biography

Since obtaining my MSc degree from Copenhagen University I have been working with phase IV clinical trials and real-world evidence for Bandim Health Project, Statens Serum Institut, National Institute of Public Health, the Technical University of Denmark and currently Bispebjerg and Frederiksberg Hospital.

In my current position as a pharmacoepidemiologist at Phase4Cph I am conducting phase IV registry-based studies of human medicines and medical devices. The portfolio includes studies of drug utilization and patient characterization, as well as survival analyses and health care resource utilization studies of various patient groups, e.g. in respect to genetic makeup or patterns of drug use. I have extensive experiences with registry-based studies, handling and linking multiple large large databases; I perform data management and data analysis in SAS, but have also extensive experiences with Stata. I am responsible for all phases of the projects from literature search, protocol writing, and data application, to data analysis and manuscript writing. The studies are carried out in collaboration with the pharmaceutical industry and the national health authorities. In 2023-2024 I was a guest researcher for 12 months at Monash University in Melbourne, Australia, with the aim to learn health economics modelling studies, including cost-effectiveness studies of medicine.

Futhermore, I am project leader of the development of a new data system collecting data from citizens in Region East, who have been involved in a traffic accident. The project is sponsored by the Capital Region and its 29 municipalities, and serves the purpose of identifying traffic accidents which are currently not recorded by existing data systems, thereby improving the current understanding of traffic accidents, and facilitating better preventive strategies.

Previously, at Statens Serum Institut and Technical University of Denmark, I studied real-world evidence of childhood vaccines such as the tuberculosis vaccine BCG, in human Phase IV trials as well as experimental studies in volunteers and animals. I performed epidemiological studies on the temporal, seasonal, sex-differential, and formulation-specific dependency of the vaccine effects.

In my PhD I explored the biological mechanisms behind the observed beneficial non-specific effects of routine childhood vaccines, collecting and analyzing blood samples from several cohorts of infants in Guinea-Bissau, West Africa, for inflammatory cytokine signatures.

Taking the observations of non-specific effects of vaccines from humans to a veterinary setting, at the Technical University of Denmark, as a postdoc I conducted experimental biological studies of veterinary vaccines in pigs as well as a randomized trial in a large commercial cohort of pigs.

Prior to my PhD I was responsible for the preparation and conduct of a clinical phase I trial of an HIV vaccine candidate in adults for Statens Serum Institut in Guinea-Bissau on an EDCTP-sponsored program involving laboratory assay validation, local research capacity building, identification of eligible participants and GCP supervision.

Work experience

- 2023-2024** **Guest researcher, 12 months, Center for Medicine Use and Safety, Monash University, Melbourne, Australia**
- Health economics studies, dynamic lifetable modelling of burden of disease, cost-effectiveness analysis of medicine
- 2019-current** **Pharmacoepidemiologist, Phase4Cph, Center for Clinical Research and Prevention, Bispebjerg and Frederiksberg Hospital, Denmark**
- Real-world evidence studies of drug effectiveness, safety and utilization using Danish national registries
 - Supervision of PhD and MSc students
- 2014-2019** **Postdoc, Research Center for Vitamins and Vaccines, Statens Serum Institut, Denmark / National Institute of Public Health & National Veterinary Institute, Technical University of Denmark**
- Epidemiological and immunological studies of vaccines in infants
 - Epidemiological and immunological studies and clinical trials of veterinary vaccines in pigs
 - Supervision of MSc students, funding applications
- 2011-2014** **PhD student, University of Southern Denmark, Bandim Health Project, Guinea-Bissau, and Statens Serum Institut, Denmark**
- Planning and execution of clinical immunological studies of the effect of early BCG vaccination in infants
 - PhD thesis: *Immunological and sex-differential non-specific effects of childhood vaccines*. Supervision of MSc students.
- 2010-2011** **Research assistant, Department of Virology, Statens Serum Institut, Denmark**
- Responsible for the preparation, supervision, and execution of a clinical phase I trial of an HIV vaccine candidate in Guinea-Bissau. Capacity building coordinator on an EDCTP-sponsored program. Supervision of MSc students.
- 2007-2009** **Scholarship student, Department of Virology, Statens Serum Institut, Denmark**
- Responsible for the preparation of a clinical trial of an HIV vaccine candidate in Guinea-Bissau (preparation of immunological assays and identification of eligible participants). On leave from university studies.

Education

- 2011-2014** **PhD studies, University of Southern Denmark, Bandim Health Project, Guinea-Bissau, and Statens Serum Institut, Denmark**
- Preparation and execution of immunological studies of the effect of early BCG vaccination in infants
 - PhD thesis: *Immunological and sex-differential non-specific effects of childhood vaccines*. Supervision of MSc students
- 2006-2010** **Master studies in Biology-Biotechnology, University of Copenhagen**
- MSc thesis at Dept. of Virology, Statens Serum Institut: *Characterisation of a cohort of HIV-positive individuals for enrolment into a clinical trial of a vaccine candidate*
 - Junior research assistant at Division of Genetics, Helsinki University
- 2003-2006** **Bachelor studies in Biology-Biotechnology, University of Copenhagen**
- Bachelor thesis at Wageningen University, The Netherlands

Software skills

SAS: Experienced

Stata: Experienced

Language skills

Danish: Mother tongue

English: Fluent in speaking and writing

German: Basic speaking, reading and writing proficiency

Portuguese: Basic reading proficiency

Teaching

- The National Prescription Registry. In the course: Register-based epidemiology, Copenhagen University, 2022.
- Data sources for post-approval studies. In the course: Pharmacoepidemiology and post-authorisation safety studies, Atrium, Denmark, 2022
- Non-specific effects of vaccines. In the MSc course: Development and production of vaccines, DTU, Denmark, 2016 and 2017
- Non-specific effects of BCG in infants. In the post-graduate course: International Health, University of Copenhagen 2011.

Supervision of students

- 1 PhD student
- 6 MSc thesis students
- 2 BSc thesis students

PhD assessment

Freyne B, The University of Melbourne, 2020.

Referee tasks for journals

Vaccine, EBioMedicine, PlosOne, BMJOpen, Clinical and Infectious Disease Journal, Journal of Infectious Disease, Pediatric Infectious Disease Journal, Scientific Reports, Tuberculosis, British Journal of Biotechnology, International Immunology, PLOS Neglected Tropical Diseases.

Relevant courses

- Course in Basic Pharmacoepidemiology, The Danish Society for Pharmacoepidemiology (online), 2019
- Intermediate methods in pharmacoepidemiology, The Danish Society for Pharmacoepidemiology (online), 2020
- Pharmacology I-III, Atrium, Copenhagen, 2021
- A general overview of G methods in relation to pharmacoepidemiology, NorPEN pre-conference course (online), 2021
- SAS(R) Macro Language 1: Essentials, SAS Institute, Copenhagen, 2021

Conference presentations

- Health care costs of myocardial infarction in Denmark: a nation-wide registry-based cohort study. Poster. 45th Australian Health Economics Society Conference 2024, Sydney, Australia 2024.
- Drug utilization of biologic therapy in Crohn's disease and ulcerative colitis: A population based Danish cohort study 2015-2020. Poster. ICPE 2022, Copenhagen, Denmark 2022.
- Drug utilization of biologic therapy in Crohn's disease and ulcerative colitis: A population based Danish cohort study 2015-2018. E-Poster. 16th Congress of ECCO - Inflammatory Bowel Diseases 2021 (online).

- Healthcare resource utilization in patients with treatment-resistant depression – a Danish national cohort study. E-Poster. International Society of Pharmacoepidemiology 36th conference 2020 (online).
- Non-specific effects of vaccines in pigs. Oral presentation. Optimunize symposium, Copenhagen, Denmark 2015.
- Non-specific effects of BCG in infants. Oral presentation. 15th International Congress of Immunology Milan, Italy 2013.
- Long-term sex-differential effects of neonatal vitamin A supplementation on in vitro cytokine responses. Poster. Scandinavian Societies for Immunology annual meeting, Copenhagen, Denmark 2013.
- Non-specific effects of BCG in infants. Oral presentation. Trained immunity symposium, Nijmegen, Netherlands 2012.
- Non-specific effects of BCG in infants. Oral presentation. Optimunize symposium, Copenhagen, Denmark 2012.

Peer-reviewed scientific publications

53 peer-reviewed publications, of which 17 as first-author, and 4 are reviews

1. Mikkelsen SD, Fisker AB, Nebie EI, Zakane SA, Sie A, Coulibaly B, Trans KL, **Jensen KJ**, Pedersen M, Tolstrup J, Nielsen F, Benn CS, Timmermann A. Serum perfluoroalkyl substances and infant measles antibody concentrations before and after vaccination: Results from Burkina Faso. *Environ Toxicol Pharmacol*. 2026 Mar 7;124:104979. doi: 10.1016/j.etap.2026.104979. Epub ahead of print. Erratum in: *Environ Toxicol Pharmacol*. 2026 Mar 19:105000. doi: 10.1016/j.etap.2026.105000. PMID: 41802651.
2. Aaby P, Biering-Sørensen S, Lund N, **Jensen KJ**, Eriksen HB, Scholtz-Buchholzer F, Nielsen S, Fisker AB, Benn CS. Misleading comments about the impact of early BCG vaccination on neonatal and infant mortality. *Clin Infect Dis*. 2026 Feb 4:ciag065. doi: 10.1093/cid/ciag065. Epub ahead of print. PMID: 41635988.
3. Flege MM, Kleinschmidt T, Hansen S, **Jensen KJ**, Jensen HK, Christiansen MK, Merland CO, Petersen J. Care pathway in patients after myocardial infarction in Denmark - healthcare and drug utilization. *Int J Cardiol Heart Vasc*. 2025 Sep 24;61:101809. doi: 10.1016/j.ijcha.2025.101809. PMID: 41050745; PMCID: PMC12495251.
4. Mohanannair Geethadevi G, Chen Z, Foster E, **Jensen KJ**, Haderlein J, Jackson GD, Kwan P, Ademi Z; Australian Epilepsy Project Investigators. Impact of Epilepsy on Productivity and Quality of Life: The Australian Epilepsy Project. *Neurology*. 2025 Sep 9;105(5):e214011. doi: 10.1212/WNL.00000000000214011. Epub 2025 Aug 19. PMID: 40829103.
5. **Jensen KJ**, Morton JI, Flege MM, Petersen J, Ademi Z. Healthcare Costs of Myocardial Infarction in Denmark: A Nation-Wide Registry-Based Cohort Study. *Value Health Reg Issues*. 2025 Jul;48:101125. doi: 10.1016/j.vhri.2025.101125. Epub 2025 May 6. PMID: 40334299.
6. Geethadevi GM, **Jensen KJ**, Kwan P, Foster E, Jackson G, Chen Z, Ademi Z; Australian Epilepsy Project Investigators. Ten-year projection of adult epilepsy burden in Australia. *Epilepsia*. 2025 Aug;66(8):2803-2815. doi: 10.1111/epi.18430. Epub 2025 Apr 29. PMID: 40299537; PMCID: PMC12371680.
7. Frost MG, **Jensen KJ**, Jimenez-Solem E, Qvortrup C, Andersen JAL, Petersen TS. Sex disparities in advanced non-small cell lung cancer survival: A Danish nationwide study. *Lung Cancer*. 2025 Apr;202:108485. doi: 10.1016/j.lungcan.2025.108485. Epub 2025 Mar 7. PMID: 40058138.
8. Berendsen MLT, Bles P, de Bree LCJ, **Jensen KJ**, Jensen CC, Wejse C, Mendes DV, Netea MG, Benn CS. Bacillus Calmette-Guérin vaccination induces a trained innate immunity phenotype in adults over 50 years of age: A randomized trial in Guinea-Bissau. *Vaccine*. 2024 Dec 2;42(26):126439. doi: 10.1016/j.vaccine.2024.126439. Epub 2024 Oct 17. PMID: 39423450.
9. Frost MG, **Jensen KJ**, Jimenez-Solem E, Qvortrup C, Kuhlmann TP, Andersen JL, Høgdall E, Petersen TS. Temporal trends and regional variability in BRAF and KRAS genetic testing in Denmark (2010-2022): Implications for precision medicine. *Genes Chromosomes Cancer*. 2024 Apr;63(4):e23236. doi: 10.1002/gcc.23236. PMID: 38656617.

10. Jensen CB, **Jensen KJ**, Pressler T, Katzenstein TL, Skov M, Qvist T, Olsen MF, Jeppesen M, Jensen-Fangel S, Olesen HV, Reuter SB, Pedersen HKR, Wang JN, Michalopoulos S, McGarry L, Wöhling H, Petersen J, Jimenez-Solem E; TransformCF study group. Education, employment, and income among people living with cystic fibrosis across three decades - A matched cohort study using Danish health registries. *J Cyst Fibros*. 2024 Mar 14:S1569-1993(24)00039-0. doi: 10.1016/j.jcf.2024.03.009. Epub ahead of print. PMID: 38485602.
11. **Jensen KJ**, Hansen MS, Skovgaard K, Svensson E, Larsen LE, Heegaard PMH, Benn CS, Jungersen G. Immunogenicity of Bacillus Calmette-Guérin in pigs: potential as a translational model of non-specific effects of BCG. *Front Immunol*. 2023 Jul 13;14:1219006. doi: 10.3389/fimmu.2023.1219006. eCollection 2023. PMID: 37520542.
12. Sørensen MM, Fisker AB, Dalgård C, **Jensen KJ**, Nielsen F, Benn CS, Grandjean P, Timmermann A. Predictors of serum- per- and polyfluoroalkyl substance (PFAS) concentrations among infants in Guinea-Bissau, West Africa. *Environ Res*. 2023 Apr 1;228:115784. doi: 10.1016/j.envres.2023.115784.
13. Frost MG, **Jensen KJ**, Gotfredsen DR, Sørensen AMS, Ankarfeldt MZ, Louie KS, et al. KRAS G12C mutated advanced non-small cell lung cancer (NSCLC): Characteristics, treatment patterns and overall survival from a Danish nationwide observational register study. *Lung Cancer*. 2023;178: 172–182. doi:10.1016/j.lungcan.2023.02.021
14. **Jensen KJ**, Osler M, Bødker N, Riise J, Petersen J. Healthcare resource utilization prior to suicide death or suicide attempt in patients with major depressive disorder – a Danish registry-based cohort study. *Suicide and Life-Threatening Behavior*. 2023 doi:10.1111/sltb.12953.
15. **Jensen KJ**, Jensen CB, Wennerström C, Burisch J, Petersen J. Drug utilization of biologic therapy in Crohn's disease and ulcerative colitis: a population-based Danish cohort study 2015–2020. *Scandinavian Journal of Gastroenterology*. 2023; 1–11. doi:10.1080/00365521.2023.2173988
16. Boahen CK, Moorlag SJCFM, **Jensen KJ**, Matzaraki V, Fanucchi S, Monteiro I, de Bree C, Fok ET, Mhlanga M, Joosten LAB, Aaby P, Benn CS, Netea MG, Kumar V. Genetic regulators of cytokine responses upon BCG vaccination in children from West Africa. *J Genet Genomics*. 2023 Jan 18:S1673-8527(23)00008-5. doi: 10.1016/j.jgg.2023.01.002.
17. **Jensen KJ**, Gronemann FH, Ankarfeldt MZ, Jimenez-Solem E, Alulis S, Riise J, Bødker N, Osler M, Petersen J. Healthcare resource utilization in patients with treatment-resistant depression-A Danish national registry study. *PLoS One*. 2022 Sep 27;17(9):e0275299.
18. Nielsen S, Fisker AB, da Silva I, Byberg S, Biering-Sørensen S, Balé C, Barbosa A, Bjerregaard-Andersen M, Hansen NS, Do VA, Bæk O, Rasmussen SM, Damkjær L, Hvidt S, Baltzersen O, Rodrigues A, Martins C, **Jensen KJ**, Whittle HC, Smits G, van der Klis F, Aaby P, Benn CS (2022). Effect of early two-dose measles vaccination on childhood mortality and modification by maternal measles antibody in Guinea-Bissau, West Africa: A single-centre open-label randomised controlled trial. *EClinicalMedicine* 27;49:101467.
19. Diray-Arce J, Angelidou A, **Jensen KJ**, Conti MG, Kelly RS, Pettengill MA, Liu M, van Haren SD, McCulloch SD, Michelloti G, Idoko O; EPIC Consortium, Kollmann TR, Kampmann B, Steen H, Ozonoff A, Lasky-Su J, Benn CS, Levy O (2022). Bacille Calmette-Guérin vaccine reprograms human neonatal lipid metabolism in vivo and in vitro. *Cell Rep* 39(5):110772.
20. Thor Petersen C, **Jensen KJ**, Rosenzweig M, von Osmanski BI, Ankarfeldt MZ, Petersen J (2022). Mapping Outcomes and Registries Used in Current Danish Pharmacoepidemiological Research. *Clin Epidemiol* 14:521-542.
21. **Jensen KJ**, Tolstrup LK, Knobel DL, Aaby P, Jungersen G, Larsen LE, Kristensen CS, Benn CS (2022). Non-specific effects of maternal and offspring rabies vaccination on mortality and antibiotic use in a Danish pig herd: A randomized trial. *Vaccine* 40(11):1665-1673.
22. Berendsen M, Scholtz-Buchholzer F, Bles P, Biering-Sørensen S, **Jensen KJ**, Monteiro I, Silva I, Aaby P, Benn CS (2021). Parental Bacillus Calmette-Guérin vaccine scars decrease infant mortality in the first six weeks of life: A retrospective cohort study. *EClinicalMedicine* 12;39:101049.
23. Gronemann FH, Petersen J, Alulis S, **Jensen KJ**, Riise J, Ankarfeldt MZ, Solem EJ, Bødker N, Osler M (2021). Treatment patterns in patients with treatment-resistant depression in Danish patients with major depressive disorder. *J Affect Disord* 287:204-213.
24. Fisker AB, **Jensen KJ** (2021). On the investigation of non-specific effects of BCG: Interpreting global vaccine data. *EBioMedicine* 66:103321.

25. Schaltz-Buchholzer F, Berendsen M, Roth A, **Jensen KJ**, Bjerregaard-Andersen M, Kjær Sørensen M, Monteiro I, Aaby P, Stabell BC (2020) BCG skin reactions by 2 months of age are associated with better survival in infancy: a prospective observational study from Guinea-Bissau. *BMJ Glob Health* 5.
26. Timmermann CAG, **Jensen KJ**, Nielsen F, Budtz-Jørgensen E, van der KF, Benn CS, Grandjean P, Fisker AB (2020) Serum Perfluoroalkyl Substances, Vaccine Responses, and Morbidity in a Cohort of Guinea-Bissau Children. *Environ Health Perspect* 128: 87002.
27. **Jensen KJ**, Biering-Sorensen S, Ursing J, Kofoed PL, Aaby P, Benn CS (2020) Seasonal variation in the non-specific effects of BCG vaccination on neonatal mortality: three randomised controlled trials in Guinea-Bissau. *BMJ Glob Health* 5: e001873.
28. Jensen SK, Jensen TM, Birk NM, Stensballe LG, Benn CS, **Jensen KJ**, Pryds O, Jeppesen DL, Nissen TN (2020) Bacille Calmette-Guerin vaccination at birth and differential white blood cell count in infancy. A randomised clinical trial. *Vaccine* 38: 2449-245
29. **Jensen KJ**, Hansen MS, Heegaard PMH, Benn CS, Jugersen G (2019) The effect of inactivated *Mycobacterium paratuberculosis* vaccine on the response to a heterologous bacterial challenge in pigs. *Frontiers in Immunology* 10: 1557.
30. Blok BA, **Jensen KJ**, Aaby P, Fomsgaard A, van CR, Benn CS, Netea MG (2019) Opposite effects of *Vaccinia* and modified *Vaccinia* Ankara on trained immunity. *European Journal of Clinical Microbiology and Infectious Diseases*.
31. Sanchez-Schmitz G, Stevens CR, Bettencourt IA, Flynn PJ, Schmitz-Abe K, Metser G, Hamm D, **Jensen KJ**, Benn C, Levy O (2018) Microphysiologic Human Tissue Constructs Reproduce Autologous Age-Specific BCG and HBV Primary Immunization in vitro. *Frontiers in Immunology* 9: 2634.
32. Ugolini M, Gerhard J, Burkert S, **Jensen KJ**, Georg P, Ebner F, Volkers SM, Thada S, Dietert K, Bauer L, Schafer A, Helbig ET, Opitz B, Kurth F, Sur S, Dittrich N, Gaddam S, Conrad ML, Benn CS, Blohm U, Gruber AD, Hutloff A, Hartmann S, Boekschoten MV, Muller M, Jungersen G, Schumann RR, Suttorp N, Sander LE (2018) Recognition of microbial viability via TLR8 drives TFH cell differentiation and vaccine responses. *Nature Immunology* 19: 386-396.
33. Biering-Sorensen S, **Jensen KJ**, Monterio I, Ravn H, Aaby P, Benn CS (2018) Rapid Protective Effects of Early BCG on Neonatal Mortality Among Low Birth Weight Boys: Observations From Randomized Trials. *Journal of Infectious Diseases* 217: 759-766.
34. **Jensen KJ**, Sondergaard MJ, Andersen A, Martins C, Erikstrup C, Aaby P, Flanagan KL, Benn CS (2017) Long-term sex-differential effects of neonatal vitamin A supplementation on in vitro cytokine responses. *British Journal of Nutrition* 118(11):942-948.
35. Biering-Sorensen S, Aaby P, Lund N, Monteiro I, **Jensen KJ**, Eriksen HB, Schaltz-Buchholzer F, Jorgensen ASP, Rodrigues A, Fisker AB, Benn CS (2017) Early BCG-Denmark and Neonatal Mortality Among Infants Weighing <2500 g: A Randomized Controlled Trial. *Clinical Infectious Diseases* 65: 1183-1190.
36. Baek O, **Jensen KJ**, Andersen A, Bale C, Martins C, Biering-Sorensen S, Poulsen A, Benn CS (2017) Seasonal and sex-specific variations in haematological parameters in 4 to 5.5-month-old infants in Guinea-Bissau, West Africa. *Transactions of the Royal Society of Tropical Medicine and Hygiene* 111: 30-37.
37. Do VA, Biering-Sorensen S, Fisker AB, Bale C, Rasmussen SM, Christensen LD, **Jensen KJ**, Martins C, Aaby P, Benn CS (2017) Effect of an Early Dose of Measles Vaccine on Morbidity Between 18 Weeks and 9 Months of Age: A Randomized, Controlled Trial in Guinea-Bissau. *Journal of Infectious Diseases* 215: 1188-1196.
38. **Jensen KJ**, Benn CS, van CR (2016) Unravelling the nature of non-specific effects of vaccines-A challenge for innate immunologists. *Seminars in Immunology* 28: 377-383.
39. **Jensen KJ**, Fisker AB, Andersen A, Sartono E, Yazdanbakhsh M, Aaby P, Erikstrup C, Benn CS (2016) The effects of vitamin A supplementation with measles vaccine on leucocyte counts and in vitro cytokine production. *British Journal of Nutrition* 115: 619-628.
40. Benn CS, Aaby P, Arts RJ, **Jensen KJ**, Netea MG, Fisker AB (2015) An enigma: why vitamin A supplementation does not always reduce mortality even though vitamin A deficiency is associated with increased mortality. *International Journal of Epidemiology* 2015/07/05.

41. **Jensen KJ**, Ndure J, Plebanski M, Flanagan KL (2015) Heterologous and sex differential effects of administering vitamin A supplementation with vaccines. *Transactions of the Royal Society of Tropical Medicine and Hygiene* 2014/12/06: 36-45.
42. Biering-Sorensen S, **Jensen KJ**, Aamand SH, Blok B, Andersen A, Monteiro I, Netea MG, Aaby P, Benn CS, Haslov KR (2015) Variation of growth in the production of the BCG vaccine and the association with the immune response. An observational study within a randomised trial. *Vaccine* 33: 2056-2065.
43. **Jensen KJ**, Karkov HS, Lund N, Andersen A, Eriksen HB, Barbosa AG, Kantso B, Aaby P, Benn CS (2014) The immunological effects of oral polio vaccine provided with BCG vaccine at birth: A randomised trial. *Vaccine* 2014/09/17: 5949-5956.
44. **Jensen KJ**, Larsen N, Biering-Sorensen S, Andersen A, Eriksen HB, Monteiro I, Hougaard D, Aaby P, Netea MG, Flanagan KL, Benn CS (2014) Heterologous immunological effects of early BCG vaccination in low-birth weight infants in Guinea-Bissau: a randomized-controlled trial. *The Journal of Infectious Diseases* 2014/09/12.
45. Andersen A, **Jensen KJ**, Erikstrup C, Ravn H, Fisker AB, Lisse IM, Sartono E, Aaby P, Yazdanbakhsh M, Benn CS (2014) Both very low- and very high in vitro cytokine responses were associated with infant death in low-birth-weight children from Guinea Bissau. *PloS one* 9: e93562.
46. **Jensen KJ**, Sondergaard M, Andersen A, Sartono E, Martins C, Garly ML, Eugen-Olsen J, Ullum H, Yazdanbakhsh M, Aaby P, Benn CS, Erikstrup C (2014) A Randomized Trial of an Early Measles Vaccine at 4(1/2) Months of Age in Guinea-Bissau: Sex-Differential Immunological Effects. *PloS one* 2014/05/20: e97536.
47. Andersen A, Roth A, **Jensen KJ**, Erikstrup C, Lisse IM, Whittle H, Sartono E, Yazdanbakhsh M, Aaby P, Benn CS (2013) The immunological effect of revaccination with Bacille Calmette-Guerin vaccine at 19 months of age. *Vaccine* 2013/03/12: 2137-2144.
48. Roman VR, **Jensen KJ**, Jensen SS, Leo-Hansen C, Jespersen S, da Silva TD, Rodrigues CM, Janitzek CM, Vinner L, Katzenstein TL, Andersen P, Kromann I, Andreasen LV, Karlsson I, Fomsgaard A (2013) Therapeutic vaccination using cationic liposome-adjuvanted HIV type 1 peptides representing HLA-supertype-restricted subdominant T cell epitopes: safety, immunogenicity, and feasibility in Guinea-Bissau. *AIDS Research and Human Retroviruses* 29: 1504-1512.
49. Kiraly N, Benn CS, Biering-Sorensen S, Rodrigues A, **Jensen KJ**, Ravn H, Allen KJ, Aaby P (2013) Vitamin A supplementation and BCG vaccination at birth may affect atopy in childhood: long-term follow-up of a randomized controlled trial. *Allergy* 68: 1168-1176.
50. Gomez R, V, Jensen SS, Leo-Hansen C, **Jensen KJ**, Janitzek CM, Rodrigues CM, Jespersen S, Katzenstein TL, Te DS, Fomsgaard A (2012) Assessment of HIV-1 patient recruitability in the Republic of Guinea-Bissau using African versus North American hematology and biochemistry reference intervals. *Clinical Vaccine Immunology* 19: 1322-1325.
51. **Jensen KJ**, Gomez R, V, Jensen SS, Leo-Hansen C, Karlsson I, Katzenstein TL, Rodrigues CM, Jespersen S, Janitzek CM, Te DS, Hayes P, Fomsgaard A (2012) Clade A HIV-1 Gag-specific T cell responses are frequent but do not correlate with viral loads in a cohort of treatment-naïve HIV-infected individuals living in Guinea-Bissau. *Clinical Vaccine Immunology* 19: 1999-2001.
52. Karlsson I, Kloverpris H, **Jensen KJ**, Stryhn A, Buus S, Karlsson A, Vinner L, Goulder P, Fomsgaard A (2012) Identification of conserved subdominant HIV Type 1 CD8(+) T Cell epitopes restricted within common HLA Supertypes for therapeutic HIV Type 1 vaccines. *AIDS Research and Human Retroviruses* 28: 1434-1443.
53. Vinner L, Holmgren B, **Jensen KJ**, Esbjornsson J, Borggren M, Hentze JL, Karlsson I, Andresen BS, Gram GJ, Kloverpris H, Aaby P, Da Silva ZJ, Fenyo EM, Fomsgaard A (2011) Sequence analysis of HIV-1 isolates from Guinea-Bissau: selection of vaccine epitopes relevant in both West African and European countries. *APMIS* 119: 487-497.

Book chapters

1. Flanagan KL, **Jensen KJ** (2015) Sex Differences in Outcomes of Infections and Vaccinations in Under Five-Year-Old Children. In: Klein SL, Roberts CW, editors. *Sex and Gender Differences in Infection and Treatments for Infectious Diseases*. Springer International Publishing. pp. 273-312.

2. Benn CS, Rieckmann A, **Jensen KJ**, Aaby P (2018) The Role of Maternal Priming and Boosting for the Nonspecific Effects of BCG Vaccine. In: Faustman DL, editors. The Value of BCG and TNF in Autoimmunity. pp. 171-178.

Secondary (non-peer reviewed) publications

1. **Jensen KJ**, Benn CS, Aaby P. Vaccinating children in high-endemic rabies regions: why we should test assumptions first. Commentary in BMJ Global Health, March 2021.
2. **Jensen KJ**. The tuberculosis vaccine Bacillus Calmette-Guérin trains the innate immune system. BestPractice, COVID-19, April 2020.
3. **Jensen KJ**. Did the smallpox vaccine have beneficial immune-stimulatory properties? [In Danish: Havde koppe-vaccinen gavnlige immunstimulerende egenskaber?]. BestPractice, Infektionsmedicin, May 2019.
4. **Jensen KJ**. The BCG vaccine against Tuberculosis trains the innate immune system [In Danish: Calmette-vaccinen mod tuberkulose træner det medfødte immunsystem]. BestPractice, Almen praksis, Vaccination, 14. Aug 2018.

Conference organization (organizing committee membership)

8th European Congress on Tropical Medicine and International Health (ECTMIH), Copenhagen, Denmark 2013

Fundraising

- Novo Nordisk Foundation 2015. 2,100,000 DKK to Professor Christine Stabell Benn. Title: Smarter use of vaccines: Improving health in both man and livestock through a better understanding of non-specific effects of vaccines. Applicant's contribution: Principal writer of application.
- Danish Pig Levy Fund 2016. 429,000 DKK to Professor Gregers Jungersen. Title: Immunological training for better health in pigs. Applicant's contribution: Principal writer of application.
- Lundbeck Foundation 2012. 120,000 DKK to scholarship student Ole Bæk and Professor Christine Stabell Benn. Title: Seasonal variation of haematological parameters in infants in Guinea-Bissau. Applicant's contribution: Principal writer of application.
- University of Southern Denmark 2012. 1-year PhD stipend to Kristoffer Jarlov Jensen, main supervisor Professor Uffe Holmskov. Title: Sex-differential and non-specific immunological effects of childhood vaccines. Applicant's contribution: Principal writer of application.
- Aase and Ejnar Danielsens Fond 2011. 41,500 DKK to Kristoffer Jarlov Jensen. Title: Investigation on the potential genetic causes of failed BCG immunization in infants. Applicant's contribution: Principal writer of application.
- The Danish Pasteur Society 2011. 7,500 DKK to Professor Christine Stabell Benn. Title: Investigation on the potential genetic causes of failed BCG immunization in infants. Applicant's contribution: Principal writer of application.
- Novo Nordisk Foundation 2010. 250,000 DKK to Professor Peter Aaby. Title: Sex-differential and non-specific immunological effects of childhood vaccines. Applicant's contribution: Assisting in writing of application.