

Klinisk Immunologisk Afdeling

Publikationer 2024

<i>Publikationsart</i>	<i>Type</i>	<i>Peer reviewed</i>	<i>Antal publikationer</i>
Forskning	Tidsskriftartikel	Peer reviewed	53
	Konferenceabstrakt til konference	Peer reviewed	3
	Review	Peer reviewed	3
	Letter	Peer reviewed	3
	Poster	Peer reviewed	2
	Korrigendum	Peer reviewed	1
	Kommentar/debat/letter to the editor	Peer reviewed	1
	Ph.d.-afhandling		2
	Preprint		1
Formidling	Bidrag til avis - Kronik		1
Total			70

Publikationsliste

Forskning

Tidsskriftartikel

Liste af Publikationer

FinnGen Consortium ; DBDS Genomic Consortium. / **Novel loci and biomedical consequences of iron homoeostasis variation.** I: Communications Biology. 2024 ; Bind 7, Nr. 1.

Ammitzbøll, Christian ; Thomsen, Marianne Kragh ; Andersen, Jakob Bøgh et al. / **Revaccination of patients with systemic lupus erythematosus or rheumatoid arthritis without an initial COVID-19 vaccine response elicits seroconversion in half of the patients.** I: Clinical and Experimental Rheumatology. 2024 ; Bind 42, Nr. 1. s. 157-165.

Ammitzbøll, Christian ; Thomsen, Marianne Kragh ; Bartels, Lars Erik et al. / **COVID-19 Vaccination Before Initiating Rituximab Treatment Induces Strong Serological Response in Autoimmune Rheumatic Disease, Reducing Post-Pandemic Concerns About the Impact of Rituximab.** I: ACR Open Rheumatology. 2024 ; Bind 6, Nr. 8. s. 519-528.

Barrie, William ; Yang, Yaoling ; Irving-Pease, Evan K et al. / **Elevated genetic risk for multiple sclerosis emerged in steppe pastoralist populations.** I: Nature. 2024 ; Bind 625. s. 321-328.

Boysen, Anders Toftegaard ; Whitehead, Bradley ; Revenfeld, Anne Louise S. et al. / **Urine-derived stem cells serve as a robust platform for generating native or engineered extracellular vesicles**. I: Stem Cell Research and Therapy. 2024 ; Bind 15, Nr. 1.

Britze, Josefine ; Larsen, Margit Hørup ; Pedersen, Anders Gorm et al. / **Temporal Dynamics of Plasma Neurofilament Light in Blood Donors With Preclinical Multiple Sclerosis**. I: Neurology: Neuroimmunology and NeuroInflammation. 2024 ; Bind 12, Nr. 1.

Buhler, Stéphane ; Nørgaard, Maja ; Steffensen, Rudi et al. / **High resolution HLA genotyping with third generation sequencing technology : A multicentre study**. I: HLA. 2024 ; Bind 104, Nr. 2.

Clemmensen, Tor Skibsted ; Hjort Baatrup, Johanne ; Bjerre, Kamilla Pernille et al. / **Routine screening for HLA Antibodies in Heart Transplant patients—Does it affect clinical decision making?**. I: Clinical Transplantation. 2024 ; Bind 38, Nr. 3.

D'aes, Tine ; van den Hurk, Katja ; Schroyens, Natalie et al. / **Balancing Donor Health and Plasma Collection : A Systematic Review of the Impact of Plasmapheresis Frequency**. I: Transfusion Medicine Reviews. 2024 ; Bind 38, Nr. 4.

Davidsson, Olafur B. ; Rostgaard, Klaus ; Chalmer, Mona A. et al. / **Blood donation and migraine relief : A national population cohort study in Denmark**. I: Transfusion. 2024 ; Bind 64, Nr. 4. s. 647-655.

Dinh, Khoa Manh ; Kaspersen, Kathrine Agergård ; Mikkelsen, Susan et al. / **Impact of CCR5 Δ 32 on the risk of infection, *Staphylococcus aureus* carriage, and plasma concentrations of chemokines in Danish blood donors**. I: EBioMedicine. 2024 ; Bind 109.

Domanović, Dragoslav ; Lewin, Antoine ; O'Leary, Peter et al. / **Assessing the risk of transfusion-transmitted variant Creutzfeldt-Jakob disease : a European perspective**. I: Blood Transfusion. 2024 ; Bind 22, Nr. 5. s. 415-419.

Dutschke, A. ; Jensen, M. M. ; Nanque, J. P. et al. / **Clinical presentations and outcomes of HIV-1 and HIV-2 among infected children in Guinea-Bissau : a nationwide study**. I: Public Health. 2024 ; Bind 230. s. 38-44.

Folke, Jonas ; Skougaard, Marie ; Korsholm, Trine Line et al. / **Assessing serum anti-nuclear antibodies HEp-2 patterns in synucleinopathies**. I: Immunity and Ageing. 2024 ; Bind 21, Nr. 1.

Ghouse, Jonas ; Sveinbjörnsson, Gardar ; Vujkovic, Marijana et al. / **Integrative common and rare variant analyses provide insights into the genetic architecture of liver cirrhosis**. I: Nature Genetics. 2024 ; Bind 56, Nr. 5. s. 827-837.

Gramkow, Ann Maria ; Baatrup, Johanne H. ; Gramkow, Emilie T. et al. / **Association of HLA B- and T-cell molecular mismatches with HLA antibodies, rejection, and graft survival in pediatric kidney transplantation**. I: Pediatric Transplantation. 2024 ; Bind 28, Nr. 5.

Gramkow, Ann Maria ; Baatrup, Johanne H ; Gramkow, Emilie T et al. / **The Impact of Reduced Immunosuppression on Alloimmunity : A Retrospective Study of Pediatric Kidney Transplant Recipients.** I: Pediatric Transplantation. 2024 ; Bind 28, Nr. 7.

Groen, Solveig Skovlund ; Bay-Jensen, Anne Christine ; Thudium, Christian S. et al. / **Evaluating the inhibition of IL-17A and TNF α in a cartilage explant model cultured with Th17-derived cytokines.** I: Journal of Translational Autoimmunity. 2024 ; Bind 8.

Hansen, Mette Frimodt ; Gynthersen, Rosa Maja Møhring ; Ocias, Lukas Frans et al. / **A serosurvey examining exposure to *Borrelia burgdorferi sensu lato* and tick-borne encephalitis virus in Danish blood donors, August 2022.** I: IJID Regions. 2024 ; Bind 12.

Hansen, Mette Mejlbj ; Rågård, Nina ; Andreassen, Pia Winther et al. / **Encapsulated donor faeces for faecal microbiota transplantation : the Glyprotect protocol.** I: Therapeutic Advances in Gastroenterology. 2024 ; Bind 17. s. 17562848241289065.

Hansen, Rebekka L. ; Jørgensen, Tanja S. ; Egeberg, Alexander et al. / **Adherence to therapy of ixekizumab and secukinumab in psoriatic arthritis patients using first- or second-line IL-17A inhibitor treatment : a Danish population-based cohort study.** I: Rheumatology. 2024 ; Bind 63, Nr. 6. s. 1593-1598.

DBDS Genomic Consortium . / **Genetics may affect the risk of undergoing surgery for rhizarthrosis.** I: Journal of Orthopaedic Research. 2024 ; Bind 42, Nr. 5. s. 1001-1008.

Herlin, Morten Krogh ; Bernth Jensen, Jens Magnus ; Andreassen, Lotte et al. / **Monozygotic triplets with juvenile-onset autoimmunity and 18p microdeletion involving *PTPRM*.** I: Frontiers in Genetics. 2024 ; Bind 15.

Horsdal, Henriette T ; Pedersen, Marianne G ; Schullehner, Jörg et al. / **Perspectives on environment and health research in Denmark.** I: Scandinavian Journal of Public Health. 2024 ; Bind 52, Nr. 6. s. 741-751.

Hyvärinen, Kati ; Haimila, Katri ; Moslemi, Camous et al. / **A machine-learning method for biobank-scale genetic prediction of blood group antigens.** I: P L o S Computational Biology (Online). 2024 ; Bind 20, Nr. 3.

Irving-Pease, Evan K. ; Refoyo-Martínez, Alba ; Barrie, William et al. / **The selection landscape and genetic legacy of ancient Eurasians.** I: Nature. 2024 ; Bind 625, Nr. 7994. s. 312-320.

DBDS Genomic Consortium. / **Gene-based burden tests of rare germline variants identify six cancer susceptibility genes.** I: Nature Genetics. 2024 ; Bind 56, Nr. 11. s. 2422-2433.

Kaspersen, Kathrine A ; Antonsen, Sussie ; Horsdal, Henriette T et al. / **Exposure to air pollution and risk of respiratory tract infections in the adult Danish population - a nationwide study.** I: Clinical Microbiology and Infection. 2024 ; Bind 30, Nr. 1. s. 122-129.

ABCTB Investigators ; The Lifelines Cohort Study ; The Danish Blood Donor Study et al. / **Understanding the genetic complexity of puberty timing across the allele frequency spectrum**. I: Nature Genetics. 2024 ; Bind 56, Nr. 7. s. 1397-1411.

Kjerulff, Bertram ; Dowsett, Joseph ; Jacobsen, Rikke Louise et al. / **Lifestyle and demographic associations with 47 inflammatory and vascular stress biomarkers in 9876 blood donors**. I: Communications Medicine. 2024 ; Bind 4, Nr. 1. s. 50.

Lundgaard, Agnete T. ; Westergaard, David ; Röder, Timo et al. / **Longitudinal metabolite and protein trajectories prior to diabetes mellitus diagnosis in Danish blood donors : a nested case-control study**. I: Diabetologia. 2024 ; Bind 67, Nr. 10. s. 2289-2303.

Estonian Biobank Research Team ; DBDS Genomic Consortium. / **Meta-analysis of ACE inhibitor-induced angioedema identifies novel risk locus**. I: Journal of Allergy and Clinical Immunology. 2024 ; Bind 153, Nr. 4. s. 1073-1082.

Moslemi, Camous ; Sækmose, Susanne ; Larsen, Rune et al. / **A deep learning approach to prediction of blood group antigens from genomic data**. I: Transfusion. 2024 ; Bind 64, Nr. 11. s. 2179-2195.

Nørgaard, Maja ; Drechsler, Louise Ørnskov ; Møller, Bjarne Kuno. / **Characterization of the novel HLA-DPB1*1584:01 allele, identified by next-generation sequencing**. I: HLA. 2024 ; Bind 103, Nr. 3.

Nudel, Ron ; Chrsitensen, Rikke Vang ; Kalnak, Nelli et al. / **Developmental language disorder – heritability and genetic correlations with other disorders affecting language**. I: Psychiatry Research. 2024 ; Bind 342.

International Headache Genetic Consortium ; DBDS Genomic Consortium. / **Genome-wide association study reveals a locus in ADARB2 for complete freedom from headache in Danish Blood Donors**. I: Communications Biology. 2024 ; Bind 7, Nr. 1. s. 646.

Rubak, Sune Leisgaard Mørck ; Bonne, Nadja Lindberg ; Hjerrild, Britta Eilertsen et al. / **Basophil FcεRI expression—A management tool in anti-IgE treatment of allergic asthma**. I: Pediatric Pulmonology. 2024 ; Bind 59, Nr. 12. s. 3355-3363.

23andMe Research Team ; D.E.S.I.R. Study Group. / **Genome-wide meta-analyses of restless legs syndrome yield insights into genetic architecture, disease biology and risk prediction**. I: Nature Genetics. 2024 ; Bind 56, Nr. 6. s. 1090-1099.

Rohde, Palle Duun ; Nyegaard, Mette ; Erikstrup, Christian et al. / **A genome-wide association study of social trust in 33,882 Danish blood donors**. I: Scientific Reports. 2024 ; Bind 14, Nr. 1.

Skougaard, Marie ; Søndergaard, Magnus Friis ; Ditlev, Sisse Bolm et al. / **Changes in Inflammatory Cytokines in Responders and Non-Responders to TNFα Inhibitor and IL-17A Inhibitor : A Study Examining Psoriatic Arthritis Patients**. I: International Journal of Molecular Sciences . 2024 ; Bind 25, Nr. 5.

Skuladottir, Astros Th ; Stefansdottir, Lilja ; Halldorsson, Gisli H. et al. / **GWAS meta-analysis reveals key risk loci in essential tremor pathogenesis**. I: Communications Biology. 2024 ; Bind 7, Nr. 1.

the Surveillance, Risk Assessment, Policy Sub-group of the ISBT Transfusion Transmitted Infectious Diseases Working Party. / **The International Society of Blood Transfusion (ISBT) Public Health Research Toolkit : A report from the Surveillance, Risk Assessment and Policy Sub-group of the ISBT Transfusion Transmitted Infectious Diseases Working Party**. I: Vox Sanguinis. 2024 ; Bind 119, Nr. 10. s. 1122-1125.

Stefanucci, Luca ; Moslemi, Camous ; Tomé, Ana R. et al. / **SMIM1 absence is associated with reduced energy expenditure and excess weight**. I: Med. 2024 ; Bind 5, Nr. 9. s. 1083-1095.e6.

Steinthorsdottir, Valgerdur ; Halldorsson, Bjarni V. ; Jonsson, Hakon et al. / **Variant in the synaptonemal complex protein SYCE2 associates with pregnancy loss through effect on recombination**. I: Nature Structural & Molecular Biology. 2024 ; Bind 31, Nr. 4. s. 710-716.

Stisen, Zara R. ; Nielsen, Sabrina M. ; Skougaard, Marie et al. / **Tolerability and comparative effectiveness of TNF, IL-17 and IL-23(p19) inhibitors in psoriatic arthritis : a target trial emulation study**. I: Rheumatology. 2024 ; Bind 63, Nr. 6. s. 1543-1551.

Stisen, Z. R. ; Nielsen, S. M. ; Ditlev, S. B. et al. / **Treatment-related changes in serum neutrophil gelatinase-associated lipocalin (NGAL) in psoriatic arthritis : results from the PIPA cohort study**. I: Scandinavian Journal of Rheumatology. 2024 ; Bind 53, Nr. 1. s. 21-28.

Styrkarsdottir, Unnur ; Tragante, Vinicius ; Stefansdottir, Lilja et al. / **Obesity Variants in the GIPR Gene Are not Associated With Risk of Fracture or Bone Mineral Density**. I: Journal of Clinical Endocrinology and Metabolism. 2024 ; Bind 109, Nr. 8. s. 1608-1615.

Danish Blood Donor Study Genomic Consortium. / **Variants at the Interleukin 1 Gene Locus and Pericarditis**. I: JAMA cardiology. 2024 ; Bind 9, Nr. 2. s. 165-172.

van den Hurk, K. ; Arvas, M. ; Roberts, D. J. et al. / **Whole Blood Donor Iron Management Across Europe : Experiences and Challenges in Four Blood Establishments**. I: Transfusion Medicine Reviews. 2024 ; Bind 38, Nr. 4.

Weiss, Marc Gjern ; de Jong, Anne Marye ; Seegert, Helene et al. / **Activation of the Innate Immune System in Brain-Dead Donors Can Be Reduced by Luminal Intestinal Preservation During Organ Procurement Surgery - A Porcine Model**. I: Transplant International. 2024 ; Bind 37.

Weiss, Simone ; Lamy, Philippe ; Rusan, Maria et al. / **Exploring the tumor genomic landscape of aggressive prostate cancer by whole-genome sequencing of tissue or liquid biopsies**. I: International Journal of Cancer. 2024 ; Bind 155, Nr. 2. s. 298-313.

FinnGen ; Danish Blood Donor Study Genomic Consortium ; Estonian Biobank Research Team et al. / **Genome-wide association meta-analysis identifies five loci associated with postpartum hemorrhage**. I: Nature Genetics. 2024 ; Bind 56, Nr. 8. s. 1597-1603.

Zheng, Sean L ; Henry, Albert ; Cannie, Douglas et al. / **Genome-wide association analysis provides insights into the molecular etiology of dilated cardiomyopathy**. I: Nature Genetics. 2024 ; Bind 56, Nr. 12. s. 2646-2658.

Konferenceabstract til konference

Wichmann, Thea Overgaard ; Kasch, Helge ; Dyrskog, Stig Eric et al. / **Glial fibrillary acidic protein is a potential biomarker in traumatic spinal cord injury**. Abstract fra Eurospine 2024, Østrig.

Wichmann, Thea Overgaard ; Kasch, Helge ; Dyrskog, Stig Eric et al. / **Glial fibrillary acidic protein as a potential diagnostic biomarker in traumatic spinal cord injury**. Abstract fra The 63rd International Spinal Cord Society Annual Scientific Meeting, Antwerpen, Belgien.

Wichmann, Thea Overgaard ; Kasch, Helge ; Dyrskog, Stig Eric et al. / **Glial fibrillary acidic protein as a potential diagnostic biomarker in traumatic spinal cord injury**. Abstract fra Dansk Rygkirurgisk Selskabs årsmøde 2024, Kolding, Danmark.

Review

the Virology and Surveillance; Risk Assessment and Policy subgroups of the ISBT Working Party on Transfusion-transmitted Infectious Diseases. / **International review of blood donation nucleic acid amplification testing**. I: Vox Sanguinis. 2024 ; Bind 119, Nr. 4. s. 315-325.

the Virology and Surveillance, Risk Assessment and Policy subgroups of the ISBT WP-TTID. / **An international review of the characteristics of viral nucleic acid-amplification testing (NAT) reveals a trend towards the use of smaller pool sizes and individual donation NAT**. I: Vox Sanguinis. 2024 ; Bind 119, Nr. 7. s. 745-751.

Schroyens, Natalie ; D'aes, Tine ; De Buck, Emmy et al. / **Safety and protection of plasma donors : A scoping review and evidence gap map**. I: Vox Sanguinis. 2024 ; Bind 119, Nr. 2. s. 110-120.

Letter

Nørgaard, Maja ; Drechsler, Louise Ørnskov ; Møller, Bjarne Kuno. / **Characterisation of the novel *HLA-B*15:699* and *HLA-C*03:677* alleles identified in Danish individuals**. I: HLA. 2024 ; Bind 104, Nr. 3.

DBDS Genomic Consortium. / **Homozygosity for a stop-gain variant in *CCDC201* causes primary ovarian insufficiency**. I: Nature Genetics. 2024 ; Bind 56, Nr. 9. s. 1804-1810.

DemGen Study Group ; DBDS Genomic Consortium ; DemGen Study Group and DBDS Genomic Consortium. / **Homozygosity for R47H in *TREM2* and the Risk of Alzheimer's Disease**. I: The New England Journal of Medicine. 2024 ; Bind 390, Nr. 23. s. 2217-2219.

Poster

Skougaard, Marie ; Nørgaard, Maja ; Bobach, Ida Schwartz et al. / **The clinical application and relevance of evaluating HLA-specific memory B cells during immunological pre-transplant risk assessment: two cases presenting experiences from broadly HLA-immunized patients.** Poster-session præsenteret ved 31st Congress of the Scandinavian Transplantation Society.

Wichmann, Thea Overgaard ; Kasch, Helge ; Dyrskog, Stig Eric et al. / **Glial fibrillary acidic protein as a potential diagnostic biomarker in traumatic spinal cord injury.** Poster-session præsenteret ved The 69th Scandinavian Neurosurgical Congress, Aalborg, Danmark.

Korrigendum

The Danish Blood Donor Study ; The Ovarian Cancer Association Consortium ; The Breast Cancer Association Consortium et al. / **Correction to : Understanding the genetic complexity of puberty timing across the allele frequency spectrum (Nature Genetics, (2024), 56, 7, (1397-1411), 10.1038/s41588-024-01798-4).** I: Nature Genetics. 2024 ; Bind 56, Nr. 8. s. 1763-1764.

Kommentar/debat/letter to the editor

Jensen, Lise Torp ; Attfield, Kathrine E ; Fugger, Lars. / **A repair pathway lost in multiple sclerosis provides a new drug opportunity.** I: Nature Immunology. 2024 ; Bind 25, Nr. 3. s. 385-386.

Ph.d.-afhandling

Grosen, Anne Karmisholt. / **Optimising faeces donor screening and selection by establishing evidence-based donor criteria.** 2024.

Noer, Maya Graham. / **Generation of anti-FLT3 CAR T-cells by CRISPR/Cas9-editing for the treatment of Acute Myeloid Leukemia.** 2024.

Preprint

DBDS Genomic Consortium. / **Central role of glycosylation processes in human genetic susceptibility to SARS-CoV-2 infections with Omicron variants.** medRxiv, 2024.

Formidling

Bidrag til avis – Kronik

Dahl, Victor Næstholt ; Stærke, Nina B. ; Borgquist, Signe et al. / **Vi skal lære, mens vi ændrer sundhedsvæsenet.** I: Dagens Medicin. 2024.

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Tabellen er grupperet efter: Publikationsart; Type; Peer reviewed

Listen er grupperet efter: Publikationsart; Type; Peer reviewed

Listen er sorteret efter: Forfatters efternavn