Marianne Antonius Jakobsen_ Curriculum Vitae

Marianne Antonius Jakobsen

KI, Clinical Immunology
Email: marianne.jakobsen@rsyd.dk
Phone: 23829191

Education

Ph.D., University of Southern Denmark
Award Date: 20. Apr 2005

Cand .Scient, University of Southern Denmark
Award Date: 14. May 1998

Ansættelser

2020	Lorem ipsum dolor sit amet
2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet
2016	Lorem ipsum dolor sit amet
2015	Lorem ipsum dolor sit amet

Kurser

•Universitetspædagogikum
•Research management, Danish Diabetes Academy

Herudover mere end 25 kurser, både nationale og internationale, herunder bl.a:

•ESID WintherSchool in Immunodeficiency 2012, Windsor, England.
•Transfusion Science Educational Course, Barcelona, Spanien

Fagligt tillidserhverv

2020	Lorem ipsum dolor sit amet
2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet
2016	Lorem ipsum dolor sit amet
2015	Lorem ipsum dolor sit amet

Research outputs

Impact of RHD genotyping on transfusion practice in Denmark and the United States and identification of novel RHD alleles
Vege, S., Sprogøe, U., Lomas-Francis, C., Jakobsen, M. A., Antonsen, B., Aeschlimann, J., Yazer, M. & Westhoff, C. M., Jan 2021, In: Transfusion. 61, 1, p. 256-265

Molecular pathways in patients with systemic lupus erythematosus revealed by gene-centred DNA sequencing
Sandling, J. K., Pucholt, P., Hultin Rosenberg, L., Farias, F. H. G., Kozyrev, S. V., Eloranta, M. L., Alexsson, A., Bianchi, M., Padyukov, L., Bengtsson, C., Jonsson, R., Omdal, R., Lie, B. A., Massarenti, L., Steffensen, R., Jakobsen, M. A., Lillevang, S. T., Lerang, K., Molberg, Ø., Voss, A. & 12 others, Troldborg, A., Jacobsen, S., Syvänen, A. C., Jönsen, A., Gunnarsson, I., Svenungsson, E., Rantapää-Dahlqvist, S., Bengtsson, A. A., Sjöwall, C., Leonard, D., Lindblad-Toh, K. & Rönnblom, L., Jan 2021, In: Annals of the rheumatic diseases. 80, 1, p. 109-117

A novel ABO allele with a 21-bp duplication identified in two unrelated European individuals with weak A expression
Jakobsen, M. A., Hult, A. K., Hellberg, Å., Crottet, S. L., Sprogøe, U. & Olsson, M. L., Dec 2020, In: Transfusion Medicine. 30, 6, p. 508-512

Potential anti-EBV effects associated with elevated interleukin-21 levels: a case report
Assing, K., Nielsen, C., Jakobsen, M., Andersen, C. B., Skogstrand, K., Gaini, S., Preiss, B., Mortensen, S. B., Skov, M. N. & Rasmussen, L. D., Dec 2020, In: BMC Infectious Diseases. 20, 8 p., 878.

Characteristics of patients with familial Mediterranean fever in Denmark: a retrospective nationwide register-based cohort study
Mortensen, S. B., Hansen, A. E., Lundgren, J., Barfod, T. S., Ambye, L., Dunø, M., Schade Larsen, C., Andersen, D. C., Jakobsen, M. A. & Johansen, I. S., Nov 2020, In: Scandinavian Journal of Rheumatology. 49, 6, p. 489-497

STK4 Deficiency Impairs Innate Immunity and Interferon Production Through Negative Regulation of TBK1-IRF3 Signaling
Jørgensen, S. E., Al-Mousawi, A., Assing, K., Hartling, U., Grosen, D., Fisker, N., Nielsen, C., Jakobsen, M. A. & Mogensen, T. H., 19. Oct 2020, In: Journal of Clinical Immunology.

Male origin microchimerism and ovarian cancer
Hallum, S., Jakobsen, M. A., Gerds, T. A., Pinborg, A., Tjønneland, A. & Kamper-Jørgensen, M., 17. Feb 2020, In: International Journal of Epidemiology.

Next Generation Sequencing-Based Fetal ABO Blood Group Prediction by Analysis of Cell-Free DNA from Maternal Plasma
Rieneck, K., Egeberg Hother, C., Clausen, F. B., Jakobsen, M. A., Bergholt, T., Hellmuth, E., Grønbeck, L. & Dziegiel, M. H., 1. Feb 2020, In: Transfusion Medicine and Hemotherapy. 47, 1, p. 45-53

Association between neutropenia and IgG antineutrophil antibodies in a case of CD40LG deficiency due to two novel mutations
Assing, K., Nielsen, K. R., Tenstad, H. B., Jakobsen, M. A., Nielsen, C., Grosen, D. & Hartling, U. B., Feb 2020, In: Clinical Case Reports. 8, 2, p. 313-316

Genetic susceptibility to angiotensin-converting enzyme-inhibitor induced angioedema: A systematic review and evaluation of methodological approaches
Ali, H. A., Lomholt, A. F., Mahmoudpour, S. H., Hermanrud, T., Bygum, A., von Buchwald, C., Jakobsen, M. A. & Rasmussen, E. R., 11. Nov 2019, In: PLOS ONE. 14, 11, 11 p., e0224858.

Acquired complement C1 esterase inhibitor deficiency in a patient with a rare SERPING1 variant with unknown significance
Rasmussen, E. R., Aanæs, K., Jakobsen, M. A. & Bygum, A., 1. Sep 2019, In: BMJ Case Reports. 12, 9, 5 p., e231122.

The use of next-generation sequencing for the determination of rare blood group genotypes
Jakobsen, M. A., Dellgren, C., Sheppard, C., Yazer, M. & Sprogøe, U., Jun 2019, In: Transfusion Medicine. 29, 3, p. 162-168

Noninvasive fetal RHD genotyping to guide targeted anti-D prophylaxis-an external quality assessment workshop
Clausen, F. B., Barrett, A. N., Noninvasive Fetal RHD Genotyping EQA2017 Working Group, Christiansen, M., Jakobsen, M. A., Steffensen, R., Sølling Sørensen, A., Wulf-Johansson, H. & Dziegiel, M. H., May 2019, In: Vox Sanguinis. 114, 4, p. 386-393

CD18 is redundant for the response to multiple vaccines: A case study
Assing, K., Nielsen, C., Hansen, H. T., Jakobsen, M. A., Skogstrand, K., Brasch- Andersen, C., Hartling, U. B. & Fisker, N. , Feb 2019, In: Pediatric Allergy and Immunology. 30, 1, p. 136-139

White blood cell mitochondrial DNA copy number is decreased in rheumatoid arthritis and linked with risk factors. A twin study
Svendsen, A. J., Tan, Q., Jakobsen, M. A., Thyagarajan, B., Nygaard, M., Christiansen, L. & Mengel-From, J., Jan 2019, In: Journal of Autoimmunity. 96, p. 142-146

Hereditary angioedema: a mother diagnosing her child using Google as a diagnostic aid
Srikantharajah, T., Jakobsen, M. A. & Bygum, A., 3. Oct 2018, In: BMJ Case Reports. 2018, 225825.

Results of noninvasive prenatal RHD testing in Gestation Week 25 are not affected by maternal body mass index
Jakobsen, M. A., Rosbach, H. K., Dellgren, C., Yazer, M. & Sprogøe, U., 4. Sep 2018, In: Transfusion. 58, 10, p. 2421-2425

Gennemgang af en ny type hereditært angioødem med normal komplement C1-inhibitor
Okholm-Hansen, M. B., Winther, A. H., Fagerberg, C., Jakobsen, M. A. & Bygum, A., 2018, In: Ugeskrift for Laeger. 180, 11, p. 2-5 V06170468.

Clinical characteristics and real-life diagnostic approaches in all Danish children with hereditary angioedema
Aabom, A., Andersen, K. E., Fagerberg, C., Fisker, N., Jakobsen, M. A. & Bygum, A., 16. Mar 2017, In: Orphanet Journal of Rare Diseases. 12, 10 p., 55.

Evidence of perturbed germinal center dynamics, but preserved antibody diversity, in end-stage renal disease
Assing, K., Nielsen, C., Jakobsen, M., Scholze, A., Nybo, M., Soerensen, G., Mortensen, S., Nielsen, K. E. V., Barington, T. & Bistrup, C., Jun 2016, In: Immunity, Inflammation and Disease. 4, 2, p. 225-234

Microchimerism of male origin in a cohort of Danish girls
Müller, A. C., Jakobsen, M. A., Barington, T., Vaag, A. A., Grunnet, L. G., Olsen, S. F. & Kamper-Jørgensen, M., 2016, In: Chimerism. 6, 4, p. 65-71

Infantile Hemophagocytic Lymphohistiocytosis in a Case of Chediak-Higashi Syndrome Caused by a Mutation in the LYST/CHS1 Gene Presenting With Delayed Umbilical Cord Detachment and Diarrhea
Nielsen, C., Agergaard, C. N., Jakobsen, M. A., Møller, M. B., Fisker, N. & Barington, T., 6. Mar 2015, In: Journal of Pediatric Hematology/Oncology. 37, 2, p. e73-e79

Immunodeficiency associated with a nonsense mutation of IKBKB
Nielsen, C., Jakobsen, M. A., Larsen, M. J., Müller, A. C., Hansen, S., Lillevang, S. T., Fisker, N. & Barington, T., Nov 2014, In: Journal of Clinical Immunology. 34, 8, p. 916-921

Testosterone treatment increases androgen receptor and aromatase gene expression in myotubes from patients with PCOS and controls, but does not induce insulin resistance
Eriksen, M. B., Glintborg, D., Nielsen, M. F. B., Jakobsen, M. A., Brusgaard, K., Tan, Q. & Gaster, M., Sep 2014, In: Biochemical and Biophysical Research Communications. 451, 4, p. 622-6

A case of high-titer anti-D hemolytic disease of the newborn in which late onset and mild course is associated with the D variant, RHD-CE(9)-D
Jakobsen, M. A., Nielsen, C. & Sprogøe, U., 2014, In: Transfusion. 54, 10, p. 2463-7

Routine noninvasive prenatal screening for fetal RHD in plasma of RhD-negative pregnant women-2years of screening experience from Denmark
Banch Clausen, F., Steffensen, R., Christiansen, M., Rudby, M., Jakobsen, M. A., Jakobsen, T. R., Krog, G. R., Madsen, R. D., Nielsen, K. R., Rieneck, K., Sprogøe, U., Homburg, K. M., Baech, J., Dziegiel, M. H. & Grunnet, N., 2014, In: Prenatal Diagnosis. 34, 10, p. 1000-5 6 p.

Identification of a novel STAT3 mutation in a patient with hyper-IgE syndrome
Mogensen, T., Jakobsen, M. A. & Larsen, C. S., 2013, In: Scandinavian Journal of Infectious Diseases. 45, 3, p. 235-8

Genetical analysis of all Danish patients diagnosed with chronic granulomatous disease
Jakobsen, M. A., Katzenstein, T. L., Valerius, N. H., Roos, D., Fisker, N., Mogensen, T. H., Jensen, P. Ø. & Barington, T., 2012, In: Scandinavian Journal of Immunology. 76, 5, p. 505-11 7 p.

Report of the first nationally implemented clinical routine screening for fetal RHD in D- pregnant women to ascertain the requirement for antenatal RhD prophylaxis
Clausen, F. B., Christiansen, M., Steffensen, R. N., Jørgensen, S., Nielsen, C., Jakobsen, M. A., Madsen, R. D., Jensen, K. S., Krog, G. R., Rieneck, K., Sprogøe, U., Homburg, K. M., Grunnet, N. & Dziegiel, M. H., 2012, In: Transfusion. 52, 4, p. 752-8 7 p.

Molecular diagnosis of patients with chronic granulomatous disease
Jakobsen, M. A. & Barington, T., 1. Dec 2010, In: Current Topics in Genetics. 4, p. 55-64 10 p.

Postmortem detection of hepatitis B, C, and human immunodeficiency virus genomes in blood samples from drug-related deaths in Denmark*
Eriksen, M. B., Jakobsen, M. A., Kringsholm, B., Banner, J., Thomsen, J. L., Georgsen, J., Pedersen, C. & Christensen, P. B., 1. Sep 2009, In: Journal of Forensic Sciences. 54, 5, p. 1085-8 3 p.

Detection of non-ΔGT NCF-1 mutations in chronic granulomatous disease
Jakobsen, M. A., Pedersen, S. S. & Barington, T., 1. Aug 2009, In: Genetic testing and molecular biomarkers. 13, 4, p. 505-10 5 p.

Peroxisome profilator-activated receptor alpha, delta, gamma1 and gamma2 expressions are present in human monocyte-derived dendritic cells and modulate dendritic cell maturation by addition of subtype-specific ligands
Jakobsen, M. A., Petersen, R. K., Kristiansen, K., Lange, M. & Lillevang, S. T., 2006, In: Scandinavian Journal of Immunology. 63, p. 330-337

Peroxisome proliferator-activated receptor alpha, delta, gamma1 and gamma2 expressions are present in human monocyte-derived dentritic cells and modulate dentritic dell maturation by addition of subtype-specific ligands
Jakobsen, M. A., Petersen, R. K., Kristiansen, K., Lange, M. & Lillevang, S. T., 2006, In: Scandinavian Journal of Immunology. 63, 5, p. 330-337

Gene therapy of X-linked severe combined immunodeficiency by use of a pseudotyped gammaretroviral vector.
Gaspar, H. B., Parsley, K. L., Howe, S., King, D., Gilmour, K. C., Sinclair, J., Brouns, G., Schmidt, M., Von Kalle, C., Barington, T., Jakobsen, M. A., Christensen, H. O., Al Ghonaium, A., White, H. N., Smith, J. L., Levinsky, R. J., Ali, R. R., Kinnon, C. & Trasher, A. J., 2004, In: Lancet. 364(9452), p. 2181-2187

Serum Concentration of the Growth Medium Markedly Affects Monocyte-Derived Dendritic Cells' Phenotype, Cytokine Production Profile and Capacities to Stimulate in MLR.
Jakobsen, M. A., Møller, B. K. & Lillevang, S. T., 2004, In: Scandinavian Journal of Immunology. 60(6), p. 584-591

Lipid-binding proteins modulate ligand-dependent trans-activation by peroxisome proliferator-activated receptors and localize to the nucleus as well as the cytoplasm
Helledie, T., Antonius, M., Sorensen, R. V., Hertzel, A. V., Bernlohr, D. A., Kølvraa, S., Kristiansen, K. & Mandrup, S., 1. Nov 2000, In: Journal of Lipid Research. 41, 11, p. 1740-1751 11 p.

Kongresser

Aktiv deltagelse i diverse internationale symposier og kongresser:

•Tildelt pris for Top poster Abstract ved Annual meeting 2016 for Association of American Blood Banking (AABB) for :The Use Of Next Generation Sequencing For Determination Of alleles Of Rare Blood Group Antigens ved MA. Jakobsen, C. Dellgren, C. Sheppard, U. Sprogøe and M. Yazer

•Fordrag: Rate and cases of false positive and false negative results of noninvasive determination of antenatal RHD status ved 51. annual meeting in Deutschen Gesellschaft für Transfusionsmedizin und Immunhämatologie (DGTI) 2018: .

•Foredrag: Standardization of data analysis of multiplex PCR for non-invasive prenatal RHD testing (NIP RHD) using FastFinder ved 11 European Meeting on Molecular Diagnostic (EMMD).