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Genetic factors in human reproduction a trade off between procreation and longevity

Dunné, F.M. van

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AUTHORS AND AFFILIATIONS

Dr. A.J.M. de Craen, Department of Gerontology and Geriatrics, Leiden University Medical Center (LUMC),
PO Box 9600, 2300 RC Leiden, The Netherlands.

Dr. C.J.M. Doggen, Department of Clinical Epidemiology, Leiden University Medical Center (LUMC), PO Box
9600, 2300 RC Leiden, The Netherlands.

M. Heemskerk, Leiden University Medical Center (LUMC), PO Box 9600, 2300 RC Leiden, The Netherlands.

Dr. B.T. Heijmans, Molecular Epidemiology Section, Department of Medical Statistics and Bioinformatics,
Leiden University Medical Center, Postbus 9600, 2300 RC Leiden, The Netherlands.

Prof. dr. F.M. Helmerhorst, Department of Obstetrics, Gynaecology and Reproductive Medicine, Leiden
University Medical Center (LUMC), PO Box 9600, 2300 RC Leiden, The Netherlands.

Prof. dr. T.W.J. Huizinga, Department of Rheumatology, Leiden University Medical Center (LUMC), PO Box
9600, 2300 RC Leiden, The Netherlands.

Dr. T.B.L. Kirkwood, Henry Wellcome Laboratory for Biogerontology Research, Institute for Ageing and
Health, University of Newcastle, Newcastle upon Tyne, NE4 6BE, UK

Dr. L.R. Lard, Department of Rheumatology, Leiden University Medical Center (LUMC), PO Box 9600, 2300
RC Leiden, The Netherlands.

D. Rook, Leiden University Medical Center (LUMC), PO Box 9600, 2300 RC Leiden, The Netherlands.

Prof. dr. F.R. Rosendaal, Department of Clinical Epidemiology, Leiden University Medical Center (LUMC), PO
Box 9600, 2300 RC Leiden, The Netherlands.

Prof. dr. R.G.J. Westendorp, Department of Gerontology and Geriatrics, Leiden University Medical Center
(LUMC), PO Box 9600, 2300 RC Leiden, The Netherlands.

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van Dunné F.M., de Craen A.J.M., Helmerhorst F.M., Huizinga T.W.J., Westendorp R.G.J. Interleukin-10 promoter polymorphisms in male and female fertility and fecundity.
Genes & Immunity, in press.

van Dunné F.M., de Craen A.J.M., Heijmans B.T., Helmerhorst F.M., Westendorp R.G.J. Gender-specific association of the factor V Leiden mutation with fertility and fecundity in a historic cohort. The Leiden 85-Plus Study.
Hum Reprod. 2006; 21(4):967-71

van Dunné F.M., Doggen C.J.M., Heemskerk M., Rosendaal F.R., Helmerhorst F.M. Factor V Leiden Mutation in Relation to Fecundity and Miscarriage in Women with Venous Thrombosis.
Hum Reprod 2005; 20(3):802-6.

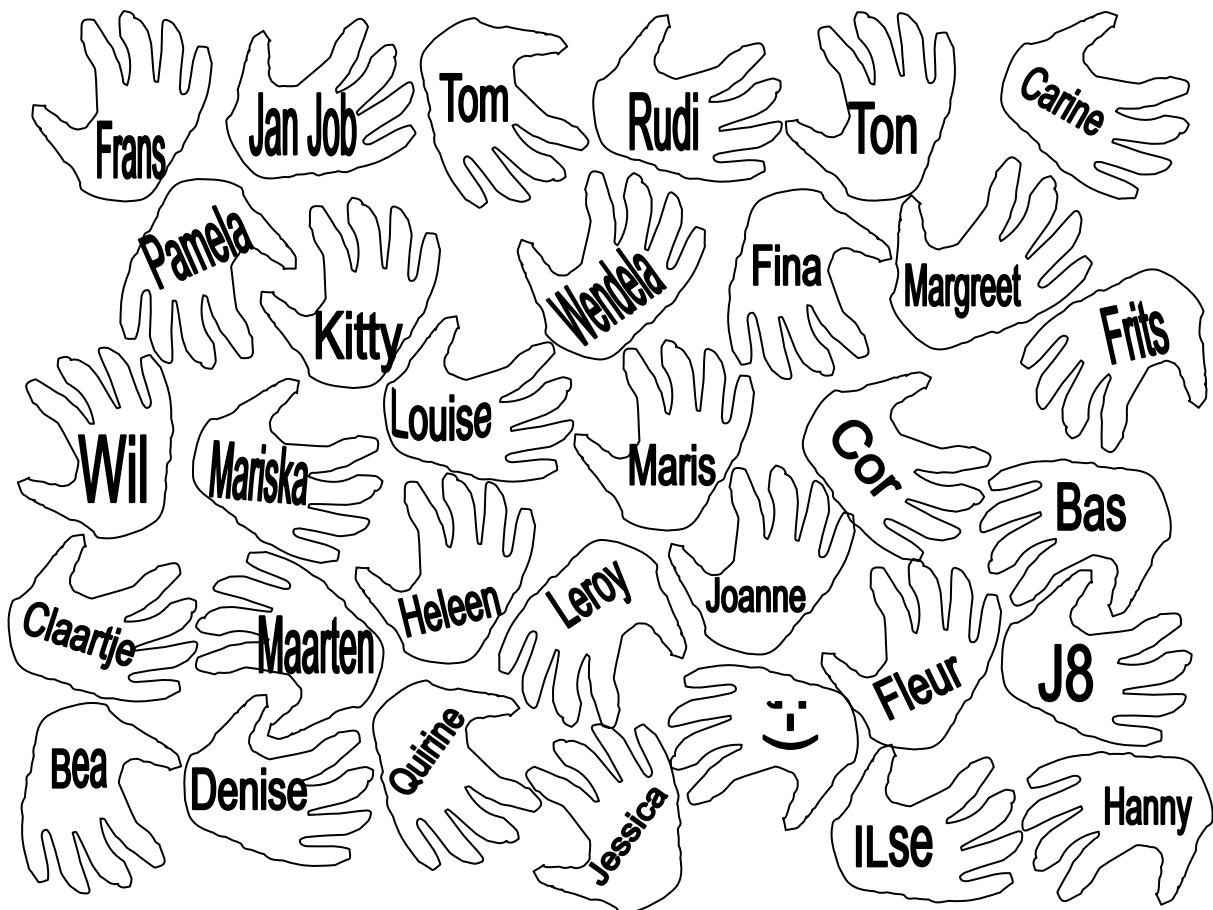
van Dunné F.M., Lard L.R., Rook D., Helmerhorst F.M., Huizinga T.W.J. Miscarriage but not fecundity is associated with progression of joint destruction in rheumatoid arthritis.
Ann Rheum Dis 2004; 63: 956-60.

Westendorp RG, *van Dunné FM*, Kirkwood TB, Helmerhorst FM, Huizinga TW. Optimizing human fertility and survival.
Nat Med 2001; 7(8):873.

Laham N., *van Dunné F.*, Abraham L.J., Farrugia W., Bendtzen K., Brennecke S.P., Rice G.E. Tumor necrosis factor-beta in human pregnancy and labor.
J Reprod Immunol 1997;33:53-69.

Farrugia W., Aitken M.A., *van Dunné F.*, Wong M.H., Brennecke S.P., Scott K.F., Rice G.E. Type II phospholipase A2 in human gestational tissues: subcellular distribution of placental immuno- and catalytic activity.
Biochim Biophys Acta 1993;10,1166:77-83.

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THANKS!

CURRICULUM VITAE

Frédérique Margo van Dunné werd geboren op 30 augustus 1968 in Dampier, Australië waar haar vader was uitgezonden voor zijn werk. De lagere school heeft zij achtereenvolgens in Engeland, Saoedi-Arabië en Nederland doorlopen. Het VWO heeft zij aan het Huygens Lyceum te Voorburg voltooid. Van 1986 tot 1992 studeerde zij medicijnen aan de Rijksuniversiteit Leiden. Tijdens haar studie interesseerde Prof. Dr. M.J.N.C. Keirse haar voor het eerst in wetenschappelijk onderzoek. Deze interesse werd versterkt tijdens haar vijf maanden durend keuze co-schap in het ‘perinatal lab’ van het Monash Medical Center in Melbourne, Australië, onder leiding van Prof. S. P. Brennecke. Na het afronden van haar co-schappen in 1994 werkte zij ruim een jaar als AGNIO op de afdeling gynaecologie en obstetrie van het Reinier de Graaf Gasthuis te Delft. In 1996 begon zij haar opleiding tot gynaecoloog, eerst in het Ziekenhuis Leyenburg te Den Haag (opleiders Dr. J.P. Holm en dr. P.A. de Jong) en vervolgens in het Leids Universitair Medisch Centrum (opleider Prof. Dr. H.H.H. Kanhai). Tijdens haar opleiding begon ze in 2000 op de afdeling verloskunde van het LUMC met onderzoek, in samenwerking met de afdeling reumatologie. Deze samenwerking breidde zich al snel uit met de afdeling gerontologie. Nadat zij in 2002 haar opleiding tot gynaecoloog afronde zette deze samenwerking zich voort en leidde uiteindelijk tot dit proefschrift. Van 2003 tot 2005 werkte zij als fellow Maternal Fetal Medicine in het Royal Women’s Hospital in Melbourne, Australië. Vanaf mei 2004 is zij tevens ingeschreven als gynaecoloog in Australië (Fellow of the Royal Australian and New Zealand College of Obstetrics and Gynaecology, FRANZCOG). Sinds 1 januari 2006 is zij als staflid werkzaam bij de afdeling verloskunde en prenatale diagnostiek in het Erasmus Medisch Centrum te Rotterdam. Frédérique is getrouwd met Jan Job de Vries Robbé en samen zijn zij de trotse ouders van de tweeling Pieter en Mathijs en dochter Noortje.

CURRICULUM VITAE

Frédérique van Dunné was born in Dampier, Western Australia on the 30th of August 1968. Her father was stationed there for the dredging of the iron ore harbour. She attended primary school in England, Saudi Arabia and The Netherlands, and secondary school at the Huygens Lyceum in Voorburg, The Netherlands. She commenced Medical School at the Rijksuniversiteit Leiden in 1986. During her studies Prof. M. Keirse initiated her in medical research. This interest furthered during a 5 month research project at the perinatal lab at Monash Medical Center in Melbourne, Australia (under the supervision of Prof. S.P. Brennecke). After the completion of her internships in 1994 she worked as a resident at the department of Obstetrics and Gynaecology at the Reinier de Graaf Gasthuis in Delft, The Netherlands. She commenced her training as an O&G registrar in 1996, first at the Ziekenhuis Leyenburg in The Hague (supervisors dr. J.P. Holm and dr. P.A. de Jong) and then at the Leids Universitair Medisch Centrum (LUMC) in Leiden, The Netherlands (supervisor Prof. Dr. H.H.H. Kanhai). During her O&G training she commenced her research in collaboration with the department of Rheumatology at the LUMC. The partnership subsequently extended to the department of Gerontology at the LUMC which resulted in this thesis. From 2003 to 2005 she worked as a fellow Maternal Fetal Medicine at the Royal Women's Hospital in Melbourne, Australia. In May 2004 she was accepted as a Fellow of the Royal Australian and New Zealand College of Obstetrics and Gynaecology, (FRANZCOG). She now works as a Consultant at the department of Obstetrics and Prenatal Diagnosis at the Erasmus Medical Center in Rotterdam, The Netherlands. Frédérique is married to Jan Job de Vries Robbé and together they are the proud parents of twins Pieter and Mathijs and daughter Elenora.