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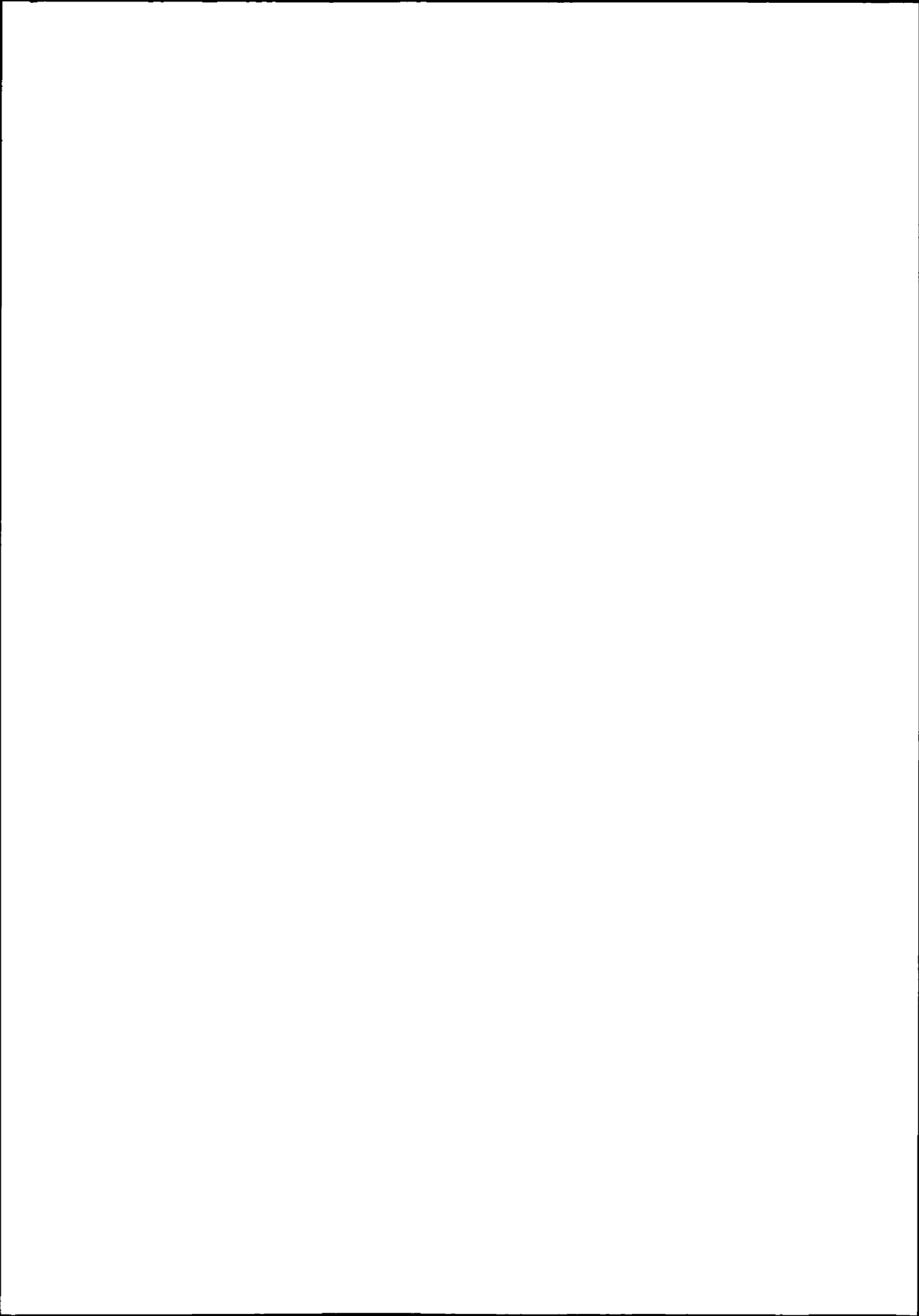
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SUSCEPTIBILITY TO PERIODONTITIS

Studies with LPS-stimulated whole blood cell cultures



SUSCEPTIBILITY TO PERIODONTITIS

Studies with LPS-stimulated whole blood cell cultures

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor

aan de Universiteit van Amsterdam

op gezag van de Rector Magnificus

prof. mr. P.F. van der Heijden

ten overstaan van een door het college voor promoties ingestelde
commissie, in het openbaar te verdedigen in de Aula der Universiteit

op donderdag 24 oktober 2002, te 14.00 uur

door

Schelte Johannes Fokkema

geboren te Peins (Frl.)

Promotor: Prof. dr. U. van der Velden

Co-promotor: Dr. B.G. Loos

Beoordelingscommissie: Prof. dr. L.A. Aarden

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Prof. dr. M.L. Kapsenberg

Prof. dr. F. Miedema

Prof. dr. H.H. Renggli

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Susceptibility to periodontitis

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"Schrijven en lezen -
leven geven aan woorden -
verrijkt het Leven"

uit de haiku-bundel "Momentopnamen II" door Sch. Fokkema

een haiku is een gedicht bestaande uit drie korte zinnen, waarvan de eerste en de laatste zin vijf lettergrepen tellen en de middelste zin zeven lettergrepen

Foar myn Heit en Mem

This thesis is based on the following publications

Fokkema, S. J., B. G. Loos, C. de Slegte, and U. van der Velden. 2002. A type 2 response in lipopolysaccharide (LPS)-stimulated whole blood cell cultures from periodontitis patients. *Clin.Exp.Immunol.* **127**:374-378.

Fokkema, S. J., B. G. Loos, C. de Slegte, W. Burger, M. Piscaer, Y. IJzerman and U. van der Velden. Increased release of IL-12p70 by monocytes after periodontal therapy. *Eur.J.Clin.Invest.* Submitted.

Fokkema, S. J., B. G. Loos, and U. van der Velden. In periodontal disease high levels of monocyte-derived RANTES seem to be intrinsic, while MCP-1 levels are related to the inflammatory process. *Clin.Exp.Immunol.* Submitted.

Fokkema, S. J., B. G. Loos, A. A. M. Hart, and U. van der Velden. The long-term effect of full mouth tooth extraction on the responsiveness of peripheral blood monocytes; a case report. *J.Clin.Periodontol.* Submitted.

Fokkema, S. J., B. G. Loos, and U. van der Velden. The possible role of plasma IL-8 and MCP-1 levels in the relationship between periodontitis and atherosclerosis. *J.Periodontol.* Submitted.