

Curriculum vitae  
J.K. Ploos van Amstel  
August 2016

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## Personal details

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Name : Jonkheer Johannes Kristian Ploos van Amstel  
Date of Birth : 21 juli 1959, Oegstgeest  
Nationality : Dutch  
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LinkedIn : [https://www.linkedin.com/profile/view?id=91565243&trk=spm\\_pic](https://www.linkedin.com/profile/view?id=91565243&trk=spm_pic)

## Education

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### 1971-1978

Gymnasium  $\beta$  at the Stedelijk Gymnasium, Leiden and Stedelijke Scholengemeenschap, Middelburg.

### 1978 – 1979

Mathematics and Astronomy, Faculty of Mathematics and Natural Sciences, University of Leiden  
Theology, Faculty of Arts and Humanities, University Leiden

### 1979 - 1985

Biology, Faculty of Mathematics and Natural Sciences, University Leiden.

Bachelor Degree in Science in november 1982 in Biology and Chemistry.

Master Degree in Science "oude stijl" in april 1985, in molecular immunogenetics (Prof.Dr. M.J. Giphart) and cell biology (Prof.Dr. P.J.M. van Haastert)

### 1986

Postgraduate course on blood coagulation, haemostasis, fibrinolysis and thrombosis van de European Thrombosis Research Organization, by the Department of Biochemistry at the Maastricht University (supervisor: Prof.Dr. H.C. Hemker).

### 1987

An award has been received at the XIth International Society on Thrombosis and Haemostasis (ISTH) in July 1987.

### 1991

PhD at the University of Leiden. Thesis: The Human Protein S Gene. Structure, duplication and defects. (Promotor Prof.Dr.R.M.Bertina, co-promotor Prof.Dr.P.H.Reitsma)

### 1998

Postdoctoral training Management for Medici, TIAS (Business School Tilburg University) and SWOOG (*Stichting tot bevordering van Wetenschappelijk Onderwijs en Onderzoek in de Gezondheidszorg*)

### 1999

*Beoordelen en Belonen*

Division Medical Genetics, HayGroup, UMC Utrecht

12 april 1999

### 2001

Workshop 'Omgaan met werkdruk'

Training Centre, UMC Utrecht

29 oktober, 19 november, 4 februari 2002

### 2003

Management training ResultaatPlus

R.A.A.K. Consultancy BV

12 februari, 18 maart, 14 april, 12 mei, 17 juni

### 2009

Training *Academic Leadership*

UMC Utrecht

In verband met verplichtingen buitenshuis alleen eerste twee sessie bijgewoond.

**2009**

Competence directed leadership in the laboratories  
Federatie Medisch Laboratoriumspecialisten FMLS  
12 november 2009

**2010**

Training for age awareness leadership  
Training & Ontwikkeling  
11 oktober 2010

**2011**

A training for Laboratory specialist.  
Federatie Medisch Laboratoriumspecialisten FMLS  
8 december 2011

**2013**

Workshop reflection on leadership MBTI  
Kurris Coaching  
October/november 2013

## Career

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### **1985 - 1989**

Research Scientist funded by the University of Leiden and *Trombosestichting Nederland* at the Section for Hemostasis & Trombosis (Head: Prof. Dr. R.M. Bertina) of the Department of Hematology (Head Prof.Dr. R. Willemze) of the University Hospital Leiden.

### **1989 - 1991**

Molecular biologist (post-doc) at the Section for Hemostasis & Trombosis (Head: Prof. Dr. R.M. Bertina) of the Department of Hematology (Head Prof.Dr. R. Willemze) of the University Hospital Leiden. Project: Prevention of bleeding complications and unnecessary treatment by improvement of DNA-diagnostics of M. von Willebrand.

### **1991 - 1998**

Head DNA-diagnostics of the Clinical Genetics Center Utrecht

### **1999 - 2003**

Head DNA-diagnostics of the Division of Medical Genetics, UMC Utrecht

### **2000 - 2003**

Deputy Manager Management and Patientcare, Division of Medical Genetics, UMC Utrecht

### **2001 - 2003**

Manager Laboratories, Division of Medical Genetics, UMC Utrecht  
Head Section DNA-diagnostics, Division of Medical Genetics, UMC Utrecht  
Head a.i. Section Cytogenetics, Division of Medical Genetics, UMC Utrecht

### **2003 – present**

Head Section Genome Diagnostics, Department Medical Genetics  
Deputy Head, Department Medical Genetics  
Tutor Clinical Molecular Genetics/Laboratory Diagnostics Clinical Genetics

### **2015 - present**

Professor Genome Diagnostics

## Working Groups and Committees (internal)

(Patient Care, Research, Education & Training)

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### **1992 - present**

Member training committee assistant physicians in training (AIOS) Clinica; Genetics

### **1997 - 1998**

Coördinator building activities because of moving of the laboratory for DNA-diagnostics and the studygroup Humane Genetics in the new building of the WKZ

### **1998**

Member working group 'Organisation and Integration' KGCU and AZU/WKZ

Member committee Clevers because of the Integration KGCU and the studygroup Humane Genetics in the Division Medical Genetics

### **1999**

Member working group 5 'Patiënten with an inherited endocrine disorder' because of the organisation Care Unit: Veins, diabetology and endocrinology

### **1999**

Chairman working group Integration Library KGCU/MBU Division Medical Genetics, UMCU

### **1999 - 2001**

Member Committee *Nieuw Curriculum Geneeskunde CRU'99*, UMCU

### **1999 - present**

Member Research Committee Division/Department Medical Genetics, UMCU

### **1999 - present**

Chairman Patient Care Meeting (PZO) Division/Department Medical Genetics, UMCU

### **1999 - present**

Member Management Team Division/Department Medical Genetics, UMCU

### **2005 - 2013**

Member Steering Committee STAR/MAC-lab UMCU

### **2013-present**

Chairman and member workinggroup werkgroep 'Towards a NGS-core DBG & DL&A for diagnostics/medical sequencing'

## Boards and Committees (external)

(Patient Care, Research, Education & Training)

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### 1995 - 2003

Member Scientific Advisory Board *Patiënt Society Érythropoietic Protoporphyrria*

### 2001 - 2006

Member Registration committee Laboratory Specialists of the NAV/NVHG/VKGL

### 2006

Member Working Group "Samen Werken in Netwerken (NVKC, VKGL, VSKG/SKGN)

### 2003 – 2008

Chairman Dutch National Board for DNA-diagnostics is the coordinating body of the DNA-diagnostic laboratories which are part of the Clinical Genetic Centres in The Netherlands

### 2007-present

Member and treasurer of the Board of *NUMeriek*, the Association (Nijmegen, Utrecht & Maastricht) to install, support, maintain, manage, develop etc. of the software application HELIX for clinical, diagnostic and scientific research of inherited diseases

### 2009

Chairman of the Dutch Array Consortium 'Low Lands Consortium' at the foundation and first year

### 2009-2011

Member of the VKGL Committee Restructuring Training Program Laboratory Specialists Clinical Genetics

### 2009-present

Member of the Board and Secretary of the Dutch Society of Human Genetics (Nederlandse Vereniging voor Humane Genetica (NVHG))

### 2011-present

Member of the VKGN Committee Non –Academic Clinical Genetic Care (NAKGZ)

### 2010

Member of the LOD Jubilee Committee '20 Years LOD' (Landelijk Overleg DNA-diagnostiek)

### 2011-present

Chairman of the Dutch Society for Clinical Genetic Laboratory Diagnostics (VKGL)

Member of the board Society of the Dutch Foundations of Clinical Genetics ((VSKG) Stichting "De Koepel")

Chairman and Member of the Board of the Federation of Medical Laboratory Specialisms (FMLS: Clinical Chemists, Medical Immunologists, Clinical Embryologists, Laboratory Specialists Clinical Genetics)

### 2012-present

Member of the Board of the Simonds Fonds Foundation (The *Stichting Simonsfonds* has been established on 18 september 1975 by the Dutch Antropogenetic Society because of a legacy by Mr. J.E. Simons. The foundation promotes the study of human heritability by supporting financially meetings and research projects.)



**2013/2015**

Member Scientific Committee 8th European Meeting on Molecular Diagnostics  
Member national strategic diagnostic gathering

**2014- present**

Member of the Board of the Netherlands Society for Clinical Chemistry and Laboratory Medicine

## Membership Scientific Societies, Branch Societies

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- Member Dutch Society of Human Genetics (NVHG)
- Member American Society of Human Genetics (ASHG)
- Member European Society of Human Genetics (ESHG)
- Member Dutch Society for Clinical Genetic Laboratory Diagnostics (VKGL)

## Dutch Council for Accreditation (RvA) and Belgian Council for Accreditation (BELAC)

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**Auditor from 2001 on for the accreditation of laboratories molecular genetic diagnostics**

### **On behalf of the Dutch Council of Accreditation (RvA)**

#### **2001-2004**

DNA-diagnostics Laboratory (Head. Prof. Dr. Bert Bakker), University Medical Center, LUMC, **Leiden** ISO/IEC 17025

#### **2001-2004**

Sanquin Blood Supply (formerly CLB), **Amsterdam**, CCKL & ISO/IEC 17025,

#### **2006**

Laboratory for Diagnostic Genome Analysis (Head. Prof. Dr.E.Bakker), University Medical Center, LUMC, **Leiden** ISO/IEC 17025,

#### **2006-2009**

BaseClear, **Leiden** ISO/IEC17025,

#### **2008-2009**

Oncomethylome, **Amsterdam** ISO/IEC 17025

### **On behalf of the Belgian Council for Accreditation BELAC**

#### **2009-2011**

Center for Molecular Diagnostics (CEMOL) (Head Prof. Dr.Gert Matthijs) University Hospital, UZKU, **Leuven** ISO/IEC 15189,

#### **2010-present**

Center for Medical Genetics (Head Prof. Dr. Geert Mortier), University Hospital, UZA, **Antwerpen** ISO/IEC 15189,

#### **2011-present**

Center for Medical Genetics (Head Prof. Dr. Anne de Paepe), University Hospital , UZ, **Gent** ISO/IEC 15189,

#### **2013-2015**

Center for Medical Genetics (Head Prof.Dr.M.Bonduelle), University Hospital, UZ **Brussel** ISO/IEC 15189

## Member Reading Committee PhD's /referent

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### 2005

Member of the reading committee, 11 march 2005. Thesis Dennis Stanley Acton: "Multistep tumorigenesis of medullary thyroid carcinoma in man and transgenic mouse models".

Member of the reading committee, 26 april 2005. Thesis Karin van Dijk "Explaining variation in bleeding pattern of severe haemophilia".

### 2007

KWF Kanker bestrijding: werkgroep signaleringsrapport (SCK) en literatuurstudie: "Biomarkers en Kankerbestrijding: Gebruik van biomarkers bij erfelijkheidsonderzoek, diagnostiek en behandeling".

### 2008

Member of the reading committee, 21 may 2008. Thesis mw. dr. K.M.K. de Vooght; "Gene promoter analysis and molecular diagnostics – Application to erythroid – specific gene expression".

Member of the reading committee working group "Hemofilie in Nederland 5" with the title "Draagsterschap van hemofilie, medische en persoonlijke gevolgen". Patiëntenverslag van een onderzoek onder vrouwen die zijn getest op draagsterschap van hemofilie

Referent for the Dutch Heart Foundation (Nederlandse Hartstichting) of the disciplin group Human Genetics.

### 2010

Member of the supervisory committee Magdalena Harakalova, PhD Student, UMC-DBG- Research Section "Next Generation Sequencing challenges in human genetics".

Member of the jury and selection committee presentations on the National Assistent Physicians Symposium (VKGN, VKGL, AKG and NVGC) Utrecht

### 2012

Expert Applied Biomedical Research Program in Flanders (*Toegepast BioMedisch Onderzoeksprogramma voor het Agentschap voor Innovatie door Wetenschap en Technologie (IWT)*), Brussel, Belgium

Member of the reading committee 6 juli 2012. Thesis mw. Dr. Marijntje Annika Créton: "Severe hypodontia: dental, dentofacial, osseous and genetic aspects".

### 2012 - present

As member and financial officer of the Stichting Simonsfonds responsible (together with the chairman and the secretary) for assigning subsidies based on judging applications for support in travel expenses for congresses and working visits by scientists in human genetics. (approximately 60 each year)

### 2009-present

As member and secretary of the Nederlandse Vereniging voor Humane Genetica co-responsible for the organization of assessing abstracts, presentations and awards for the yearly symposium.

### 2016

Member of the reading committee 5 July 2016 Thesis Mrs S.Mojtaba Hashemi *Predicting Inhibitor Development In Severe Hemophilia: The Future Is Not Set*

## (Co-)promotorship

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### **2000**

Co-promotor 3 mei 2000: mw. Damayanti Rusli Sjarif "Glycerol Kinase deficiency".

### **2010**

Co-promotor 9 november 2010: Drs. T.W.G. Letteboer HHT: "Clinical and Molecular Genetics".

### **2013**

Co-promotor 16 januari 2013: mw. Drs. M.J. van den Boogaard "MSX1: clefting, hypodontia and hydrocephaly".

### **2013**

Co-promotor 7 november 2013: mw. Drs. M. Harakalova "The next generation of targeted mutation discovery"

### **2016/2017**

Promotor mw. Drs. E. van Binsbergen "Structural variations in the human genome"

### **2016-**

Promotor mw. Drs. E. Carbo "Improving performance of genetic diagnosis in suspected SAID patients"

## Committees etc not work-related

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### **1992 - 1994**

Lid Ouderraad Kinderdagverblijf 'De Schaapskooi' Gouda

### **1997 - 1999**

Voorzitter Medezeggenschapsraad Openbare Basisschool 'De Tandem' Gouda

### **1998 - 1999**

Lid Werkgroep Organisatie in verband met de vorming van een federatie openbaar basisonderwijs Bloemendaal / Plaswijck te Gouda

### **1999 - 2002**

Voorzitter Medezeggenschapsraad Openbare Basisschool 'De Tandem/Albatros' Gouda

### **1999**

Voorzitter en Beheerder archief Stichting 'Familie Ploos van Amstel'

### **2002-2005**

Lid Medezeggenschapsraad Coornhertgymnasium te Gouda

### **2010-present**

Voorzitter 4<sup>de</sup> maandagcommissie and President (2014-2015) Lions Gouda-Bloemendaal

## Publications & Lectures etc. not work-related

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**1977**

**Ploos van Amstel**, J.K., Veltman, R. 1977. Perseiden 1975 als kijkspel zeer de moeite waard. Zenit 4:103-105

**2003**

**Ploos van Amstel**, J.K. 2003. De archiefschat. Archievenblad 107:3

**2005**

Lezing Hans Kristian **Ploos van Amstel** bij opening tentoonstelling Memorietafel Adriaen Willemsz. Ploos Stichting Victor Heiloo IV 3 september 2005 Centraal Museum Utrecht

**2006**

**Ploos van Amstel** J.K. Dichterlijk DNA. In: Bilderdijkkist Herdenkingsuitgave in houten kist ter gelegenheid van de 250<sup>ste</sup> geboortedag en 175<sup>ste</sup> sterfdag van Willem Bilderdijk m.m.v. Joost Swarte, Peter van Zonneveld, Piet Gerbrandy, Ruud Douma e.a.. Redactie en samenstelling George Moormann. 2006. Haarlem: De Zingende Zaag

**2007**

Brieven 1635-1637 / Henrick Ploos van Amstel & Nicolaes Heinsius ; bezorgd en met een voorw. en annot. door Hans Kristian **Ploos van Amstel** ; litho: Jaap Ploos van Amstel ; vert. uit het Latijn: Frank Tichelman. 2007. Woubrugge: Jan Keijzer, Avalon Pers

**2010**

Een tempel voor Hugo de Groot : een rede van Jacob Ploos van Amstel uit 1774 / red. en samenst. Jan Bloemendal en Hans Kristian **Ploos van Amstel** ; met bijdragen van Jan Bloemendal (hoogleraar Neo-latijn), Thomas H. von der Dunk (cultuurhistoricus), Henk Nellen (Grotius-biograaf), Hans Kristian Ploos van Amstel (geneicu, familiehistoricus) en Freek Schmidt (architectuurhistoricus) met tek. van Joost Veerkamp Amersfoort: Florivallis

**2014**

Bijdragen aan archiefonderzoek prof. Dr Rudi de Vaynes van Brakell Buys i.v.m. prof dr. PJ.Meertens ('Het bureau'), Hans Keilson (Dagboek 1944)

**2015**

Samenkomst Nazaten van de eerste gekozen Nederlandse Volksvertegenwoordiging (1796), deelname paneldiscussie (20 november) en Met het oog op morgen, interview (19 november)

**2016**

Een verloren collectie herinnerd: de verzameling van mr. dr. Gerard G. van Buttingha Wichers (1879-1945) Caroline A. Drieënhuizen en Hans Kristian **Ploos van Amstel** Aziatische Kunst 2016 In press

## Grants

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**Subsidy by Termeulenfonds** for a 6 months working visit by T.W.G.Letteboer to the Akhurst Laboratory , San Francisco, Ca, USA. (rewarded) 2007

**Subsidy research National Epilepsy Foundation (NEF):** “ Next generation sequencing for epilepsy disease gene discovery and improved DNA diagnostics”. Bobby Koeleman / Hans Kristian Ploos van Amstel.; 14 jan. 2009 (rewarded)

**Subsidy WHH Tegelaers Reisstipendium** “Genetic Research of the causes of Mental Retardation in Surinam”; Saskia vd Crabben, Wilco Zijlmans, Hans Kristian Ploos van Amstel & Nine Knoers Okt 2011 (rewarded)

**Subsidy Stichting Vrienden WKZ** M.E.van Gijn: immune diseases: NGS Kids 2012 (rewarded)'

**Subsidy by ZonMW** Programma: Doelmatigheidsonderzoek L.E.L.M. Vissers: Intensive Genetics: NGS in NICU setting- a study on costeffectiveness and quality of life (Ploos van Amstel co-appllicant)

**Subsidy by ZonMW** Programma E-Rare 3 M.E.van Gijn: A comprehensive clinical and experimental approach to personalized molecular medicine in patients with defined and undefined autoinflammatory disorders (Ploos van Amstel Promotor)

## Education

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### 1993-present

KGCU/UMCU Cursoric Educational Program *Assistenten in opleiding* Clinical Genetics

### 2003-2005

UMCU *Geneeskunde van de Toekomst* 5<sup>de</sup> jaars Geneeskundestudenten CRU"99

### 1999-2003

UMCU Growth and Development, 2<sup>de</sup> jaars Geneeskundestudenten

### 2003-2006

UMCU *Theoretisch Lijnonderwijs* (TLO) 4<sup>de</sup> jaars Geneeskundestudenten

### 2008

Clinical Genetics Workshop,

Department of Child Health, Medical School, **Gadjah Mada University, Yogyakarta, Indonesia** May 10-12 2008

Clinical Genetics Workshop,

Department of Child Health, Faculty of Medicine, **University Indonesia, Jakarta** (FKUI/RSCM) May 12-14 2008

### 2012 e.v.

Lecture 2<sup>de</sup> jaars Geneeskunde studenten CRU / Bachelor jaar 2, bijdragen aan onderwijsactiviteiten afdeling Genetica



## Training

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Trainees for Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics

### **1996-2000**

Prof. Dr. R.J. Sinke, Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics, professor and head genome diagnostics, Department of Genetics , UMC Groningen

### **1996-2000**

Dr.R.B. van der Luijt, Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics, Department of Medical Genetics, UMC Utrecht

### **2003-2007**

Dr.M.J.A. van Kempen, Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics, Department of Medical Genetics, UMC Utrecht

### **2005-2009**

Dr. M.R.Nelen, Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics, Groupleader of the Central Genome Analysis Laboratory, Division of Human Genetics, St Radboud UMC Nijmegen

### **2005-2010**

Dr. M.E. van Gijn, Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics, Department of Medical Genetics, UMC Utrecht

### **2008-2012**

Dr. A. van der Zwaag, Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics, Department of Medical Genetics, UMC Utrecht

### **2008-2013**

Dr. M.J. Vogel, in training Clinical Molecular Geneticist/Laboratory Specialists Clinical Genetics, Department of Medical Genetics, UMC Utrecht

### **2001-2007**

Drs. E. van Binsbergen, Clinical Cytogeneticist/Laboratory Specialists Clinical Genetics, Department of Medical Genetics, UMC Utrecht (tutor clinical cytogenetics± Dr.P.F.R.Hochstenbach)

### **2014-2017**

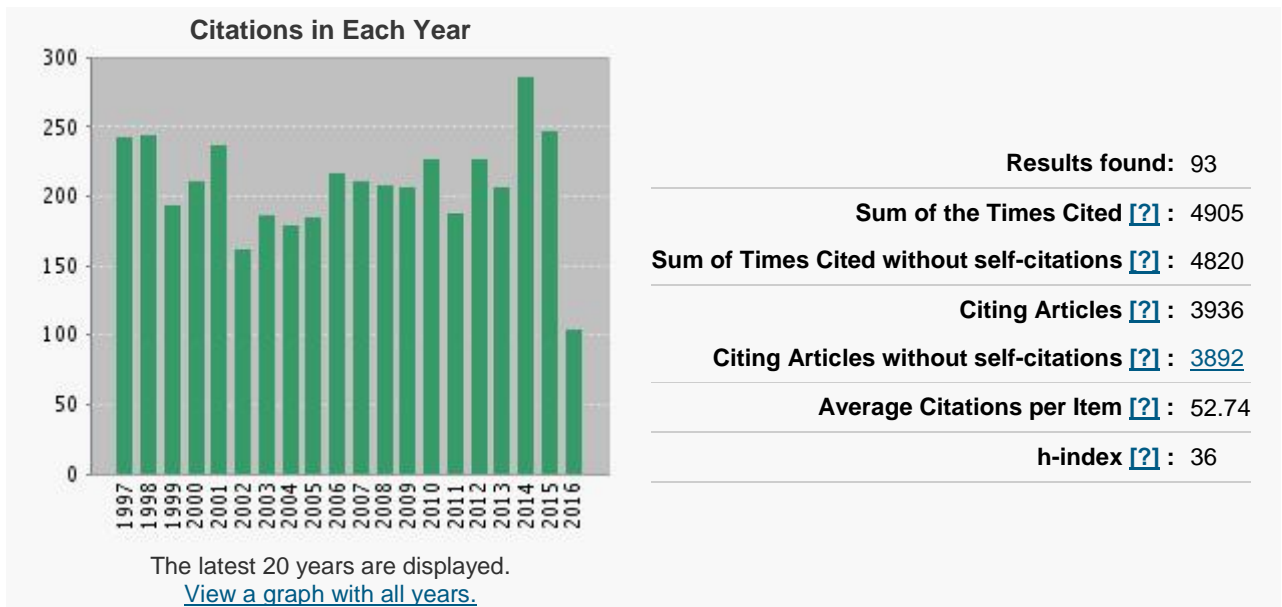
Dr. M.Koudijs, Laboratory Specialist Clinical Genetics in training

## Scientific Publications: Summary

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A hundred publications in scientific journals like FEBS letters, Blood, Thrombosis and Hemostasis, Blood, Biochemistry, Nucl Acids Res, British Journal of Haematology, Human Genetics, Journal of Medical Genetics, Human Mutation, J.Clin.Inv Hum.Mol.Genet, The Lancet, Nature Genetics, Am.J.Hum.Genet, J.Med.Genet, J Inher Metab Dis Neurology, Ann. Neurology New England Journal of Medicine, Eur J Hum Genet, Arthritis Rheum and Nederlands Tijdschrift voor Geneeskunde.

Furthermore abstracts of oral presentations and posters at national and international scientific and public congresses, symposia and meetings



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\* **Citation Report: 93 (article, letter. Note)**

(from All Databases)

You searched for: **AUTHOR:** (PLOOS VAN AMSTEL HANS KRISTIAN OR VANAMSTEL HKP OR VAN AMSTEL HKP OR VAN AMSTEL JKP OR PLOOS VAN AMSTEL H K OR PLOOS VAN AMSTEL J K OR VANAMSTEL JKP OR VAN AMSTEL HANS KRISTIAN PLOOS OR VAN AMSTEL H K)

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