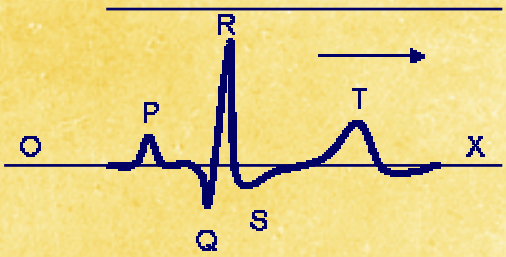


Eindhoven 2004

Focus on molecular and developmental Cardiology

May 14, Noordwijk, The Netherlands

www.eindhoven.nl

Dear Colleagues,

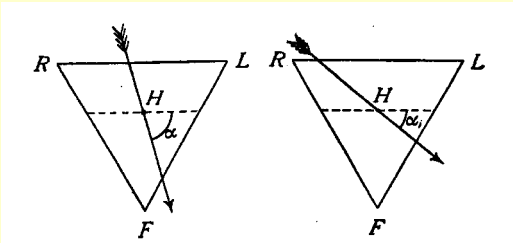
On behalf of the Einthoven Foundation and Leiden University it is our pleasure to invite you to the Einthoven 2004 meeting. As a professor of physiology at Leiden University, Willem Einthoven had designed the string galvanometer, the first practically usable instrument to record the human electrocardiogram. He had achieved such amazing technical perfection that many modern electrocardiographs do not attain equally reliable and undistorted recordings. It is of equal importance that he developed a system of standardization, which continues to be followed all over the world. Currently it is difficult to imagine that in the early days it was still unknown if diseases of the heart might lead to recognizable abnormalities in the electrocardiogram. Einthoven was fully aware of this. By meticulous studies, with a clear physiological insight and strong determination, he was able to demonstrate convincingly the significance and potential of electrocardiography. The importance of his work was recognized in 1924 when he was rewarded with the Nobel Prize.

The focus of this year´s meeting will be molecular and developmental Cardiology. The meeting will be held in Noordwijk at the Leeuwenhorst Congress Center and is embedded in the tenth Weinstein Cardiovascular Development Conference, which is organized by the Medical University of South Carolina and the Leiden Medical University Center. During the meeting the biennial Einthoven Lecture will be presented. The Einthoven Foundation is honored that Professor P. Carmeliet from the Center for Transgenic Technology and Gene Therapy, University of Leuven, Leuven, Belgium has accepted the invitation to present the 2004 Einthoven Lecture.

We look forward to meeting you in Noordwijk!

Martin J. Schalij
Chairman Einthoven Foundation

Marianne Bootsma,
Secretary Einthoven Foundation



PROGRAM EINTHOVEN FOUNDATION 2004 MEETING

Chairman	E.E. van der Wall
15.30 - 16.00	M.R.M.Jongbloed Development of the cardiac conduction system: Pivotal role in the genesis of cardiac arrhythmias.
16.00 – 16.30	D.E. Atsma Stem cell therapy: the future is here!
16.30 – 17.00	K.C. Wollert Stem cell therapy for acute myocardial infarction
17.00 – 18.00	Einthoven Lecture 2004 by Prof P. Carmeliet Genetics in zebra fish, tadpoles, mice and humans to unravel the molecular basis of vessel development.

Faculty

E.E. van der Wall, MD	Cardiologist, Department of Cardiology, Leiden University Medical Center, the Netherlands
M.R.M. Jongbloed, MD	Fellow Department of Cardiology and Anatomy, Leiden University Medical Center, the Netherlands
D.E. Atsma, MD	Cardiologist, Department of Cardiology, Leiden University Medical Center, the Netherlands
K.C. Wollert, MD	Cardiologist, Medizinische Hochschule Hannover, Germany
P.Carmeliet, MD	Developmental biologist, Center for Transgenic Technology & Gene Therapy, Leuven University, Belgium

CONGRESS LANGUAGE
The official language of the Einthoven Meeting 2004 is English

CONGRESS VENUE:
Congress center de Leeuwenhorst, Noordwijkerhout, The Netherlands

How to reach de Leeuwenhorst by car:

From Amsterdam: Take motorway Amsterdam / Schiphol / Den Haag (A4) until the road junction A44. Follow Moterway 44 till exit no. 3, Noordwijkerhout / Noordwijk (N208). Keep driving straight on. After approx. 5 kms. follow the signs "congrescentrum".

From Rotterdam: Follow motorway Den Haag / Amsterdam (A13). At the Prins Clausplein keep to the right, direction Voorburg / Den Haag. At the next junction keep left for the direction of Den Haag / Scheveningen (A12). Keep following this road, at the end go right to the direction of Wassenaar. This is the A44, follow this road, direction Leiden / Amsterdam. Take the exit Leiden / Katwijk / Noordwijk (N206) and turn left at the traffic lights, direction Katwijk / Noordwijk. Follow this road for 10 kms., direction Noordwijkerhout. Then you will see the signs "Congrescentrum".

If you are coming by car, you are allowed to use our free parking-area, where there is space for 600 cars.

INFORMATION:

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Department of Cardiology
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2300 RC Leiden
The Netherlands
www.einthoven.nl
phone: 31-715262020

THE EINTHOVEN FOUNDATION

The Einthoven Foundation was established in 1979. One of the major activities of the Einthoven Foundation is the organization of congresses and seminars in which recent developments in cardiology, cardiovascular surgery, and related areas are placed in historical perspective. The Einthoven Lectures are generally part of those meetings but on special occasions the lectures are held separately. Programs are planned to stimulate young investigators who perform original clinical and fundamental research related to the heart and blood vessels. The Einthoven Foundation also encourages the publication of scientific or otherwise enlightening material that may, in a broad sense, serve the preservation of the history of developments in the field of cardiology.

Board of the Einthoven Foundation

THE EINTHOVEN 2004 MEETING IS SPONSORED BY

THE EINTHOVEN LECTURES

year	speaker	title
1956	P.D. White	Personal observations on the evolution of cardio-vascular surgery.
1956	A. Cournand	Pulmonary circulation. Historical background and present status of knowledge in man.
1962	L.N. Katz	Recent concepts on the performance of the heart.
1964	H.C. Burger	Het begrip “arbeid" in natuurkunde, fysiologie en geneeskunde (The concept of labour in physics, physiology and medicine)
1967	H.B. Burchell	Mitral competence and incompetence.
1968	D. Durrer	Woord en wederwoord (Word and repartee)
1970	E. Braunwald	The control of the oxygen consumption of the heart.
1972	W.B. Kannel	The natural history of myocardial infarction: The Framingham Study.
1974	H.V. Pipberger	Computer analysis of the electrocardiogram
1977	H.A. Snellen	Brief review of Einthoven's publications
1979	A.C. Guyton	Historical and modern developments of cardiovascular control concepts.
1981	J.T. Shepherd	Regulation of blood pressure
1983	P.F. Cranefield	Past and future aspects of arrhythmias
1985	J.W. Kirklin	Is progress still being made in the surgical treatment of valvular heart disease?
1987	D. Steinberg	Plasma lipoproteins and the pathogenesis of atherosclerosis
1989	A.T. Winfree	Rate, rhythm and fibrillation.
1990	H.J.J. Wellens	Electrical current in the diagnosis and treatment of cardiac diseases.
1991	P. Coumel	Modern Cardiology: From treatment to diagnosis ?
1993	T. N. James	Willem Einthoven Redivivus: Exemplar of World Cardiology. With added comments upon apoptosis and electrocardiography
1995	R. Favaloro	Past and present controversies in coronary artery surgery
1997	E.G. Nabel	Gene therapy and cardiovascular disease
1999	K. Schwartz	Hypertrophy: clinical relevance of genotype
2002	M.R. Rosen	The ECG 100 years later: electrical insights into molecular messages