



Research Annual Report

2012



PREFACE

The outcome of excellent research is scientific knowledge, which results in applications such as new treatments, therapeutics and equipment, but also new hypotheses and new studies. Sharing this scientific knowledge with other scientists and the public is almost as important as gathering the knowledge itself.

Erasmus MC is proud of the fact that in the year 2012 researchers of the Erasmus MC have published more than ever before: in total 3969 publications were registered, of which 213 dissertations. This Research annual report, which you can find on enclosed CD, describes all these publications per research program (and department). Furthermore, for every research program it gives an impression of the effort (fte) that was put into this research.

Our researchers are increasingly dependent on external grants and subsidies to perform their research. Securing these funds is a competition in which researchers have to compete at a national and international level with the very best in their field of expertise. Erasmus MC is proud of each and every researcher or research group whose application is awarded. Fortunately, there are many every year, as the continuity of the research depends to a great extent on this.

Innovation

As part of their innovation incentives program, the NWO (Netherlands Organization for Scientific Research) annually awards the Veni, Vidi and Vici subsidies. Veni (€250,000) is for a period of three years for outstanding researchers who have just obtained their PhD. Vidi (€800,000) is for excellent researchers for up to eight years after obtaining their PhD. The laureates in the categories Veni and Vidi belong to the top 10-20% of their generation. Vici (1.5 million Euros) is a very prestigious subsidy for outstanding researchers for up to fifteen years after obtaining their PhD. The laureates belong to the top 10% of their generation and have shown that they have successfully developed an innovative research path.

Veni

- Dr. Arfan Ikram (Epidemiology, Radiology, Neurology)
- Dr. Elena Martens-Uzunova (Urology)
- Dr. Qiuwei Pan (Hepatology)
- Dr. Geeske van Woerden (Neuroscience)

Vidi

- Dr. Vincent Jaddoe (Paediatrics/Epidemiology)
- Dr. Fernando Rivadeneira (Internal medicine)

European Research Council

The European Research Council (ERC) encourages the highest quality research in Europe through competitive funding and supports investigator-driven frontier research across all fields, on the basis of scientific excellence. Funding per grant is up to EUR 1.5M (Starting), EUR 2.0M (Consolidator) and EUR 2.5M (Advanced).

Dr. Tokameh Mahmoudi (Biochemistry) received an ERC Starting Grant 2012. Winners of an ERC Advanced Grant 2012 were Professor John Foekens (Medical Oncology), Professor Elaine Dzierzak (Stem Cell Institute), Dr. Wim Vermeulen (Genetics) and Professor Reuven Agami (working at the Netherlands Cancer Institute and professor at Erasmus MC).

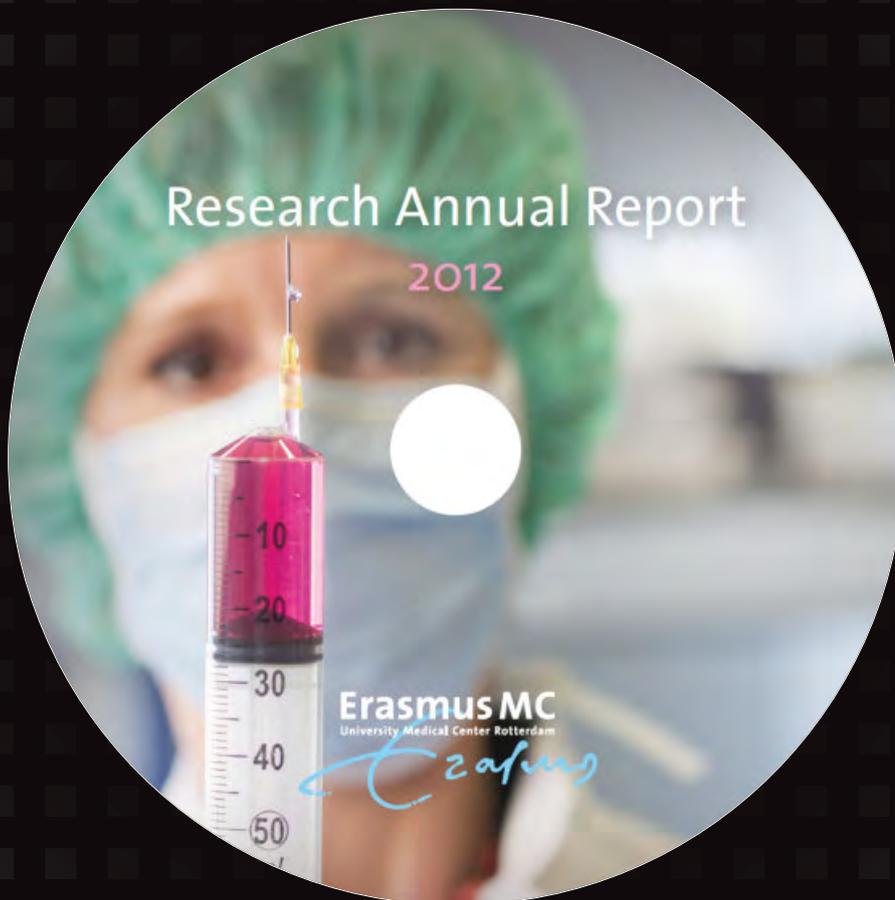
These special achievements set the standard for the excellent research carried out at our Erasmus MC.

Professor Jaap Verweij, dean and vice-chairman Executive Board Erasmus MC

Explanation of abbreviations

Fte	full time equivalent
SP1	fte scientific personnel 1st budget source
SP2	fte scientific personnel 2nd budget source
SP3	fte scientific personnel 3rd budget source
SP4	fte scientific personnel 4th budget source
SPtot	total fte scientific personnel
T1	thesis PhD; graduation internal, research internal
T2	thesis PhD; graduation internal, research external
T3	thesis PhD; graduation external, research internal
IS	international scientific publications in prominent journals with an impact factor
FS	international scientific publications in journals with expectations of obtaining an impact factor and further scientific publications
OP	other publications
Ptot	total number of publications





COLOFON

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