

EMC COEUR-09 - Cardiovascular Research School ErasmusMC Rotterdam.***Programme (brief description)*****1. Cardiovascular Biology and Pharmacology**

Molecular basis, pathophysiology and therapy of obstructive coronary artery disease, cardiac and coronary remodelling and heart failure

2. Vascular Medicine Hemostasis and Stroke

The clinical complement to the previous theme. Cardiovascular genetics, blood pressure regulation and vascular medicine, thrombotic and bleeding disorders, acute and chronic cardiovascular disease

3. Image-guided Cardiovascular Medicine

Fundamental and clinical research of novel diagnostic imaging modalities

4. Surgical- Interventional and Device Therapy of Cardiovascular Disease

Clinical application and implementation of new diagnostic and therapeutic techniques. Local drug delivery cell therapy vascular interventions and other device therapy

5. Congenital Heart Disease

Small but important theme focussing on major structural congenital cardiac abnormalities and their management

6. Neurovascular and Cardiovascular Clinical Epidemiology

Risk modelling rational, predictive thinking and implementation of appropriate diagnostic and therapeutic measures across a wide range of clinical cardiovascular syndromes and procedures.

Key Figures

<i>Department</i>	<i>Sp1</i>	<i>Sp2</i>	<i>Sp3</i>	<i>Sp4</i>	<i>SpTot</i>	<i>T1</i>	<i>T2</i>	<i>T3</i>	<i>Ttot</i>	<i>IS</i>	<i>FS</i>	<i>OP</i>	<i>Ptot</i>
anesthesiology	2,63	3,76		2,42	8,81								
biostatistics	0,4				0,4								
cardiac surgery	5,1	0,8		0,03	5,93								
cardiology	21,04	0,6	0,95	0,5	23,09								
epidemiology	0,2				0,2								
hematology	3,71		0,5	5,66	9,87								
internal medicine	10,14	1,86	5,63	5,8	23,43								
neurology	5,88	3,6	1,7	0,2	11,38								
public health			1		1								
radiology	1,41	0,1			1,51								
EMC overig	0,25				0,25								
<i>Total</i>	<i>50,76</i>	<i>10,72</i>	<i>9,78</i>	<i>14,61</i>	<i>85,87</i>	<i>30</i>	<i>3</i>	<i>0</i>	<i>33</i>	<i>597</i>	<i>52</i>	<i>8</i>	<i>690</i>

Thesis

Bekkers, J.A. (2012, november 14). *Decades of surgery on the thoracic aorta*. EUR (260 pag.). Prom./coprom.: Prof. Dr. A.J.J.C. Bogers.

Botden, I.P.G. (2012, mei 09). *Red wine polyphenols and vascular function*. EUR. Prom./coprom.: Prof. Dr. A.H.J. Danser & Prof. Dr. E.J.G. Sijbrands.

Brugetta, S. (2012, mei 22). *Imaging techniques for the assessment of atherosclerosis, intracoronary devices and vessel response after metallic or polymeric scaffold implantation*. EUR. Prom./coprom.: Prof. Dr. P.W.J.C. Serruys & H.M. Garcia Garcia.

- Caliskan, K. (2012, september 06). *Clinical features of noncompaction cardiomyopathy*. EUR. Prom./coprom.: Prof. Dr. M.L. Simoons & Dr. M.L. Geleijnse.
- Cheung, Y.L.E. (2012, juni 26). *The role of fibrinogen variants in cardiovascular diseases and wound healing*. EUR. Prom./coprom.: Prof. Dr. F.W.G. Leebeek & Dr. M.P.M. de Maat.
- Deel, E.D. van (2012, januari 25). *eNOS and oxidative stress in the remodelling heart: a delicate balance*. EUR. Prom./coprom.: Prof. Dr. D.J.G.M. Duncker & Prof. Dr. J.H.J. Hoeijmakers.
- Deursen, D. van (2012, mei 23). *Transcriptional regulation of the human hepatic lipase gene: relation to glucose and lipid metabolism*. EUR. Prom./coprom.: Prof. Dr. E.J.G. Sijbrands.
- Dirks, M. (2012, februari 17). *Intravenous thrombolysis for acute ischaemic stroke*. EUR. Prom./coprom.: Prof. Dr. D.W.J. Dippel & Prof. Dr. W.J. Niessen.
- Durik, M. (2012, november 01). *Vascular aging: from DNA damage to protection*. EUR. Prom./coprom.: Prof. Dr. A.H.J. Danser & A.J.M. Rokhs.
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- Faber, M.J. (2012, april 12). *Right ventricular pressure overload: hemodynamic and proteomic changes*. EUR (191 pag.) (Ridderkerk: Ridderprint BV). Prom./coprom.: Prof. Dr. W.A. Helbing, Prof. Dr. J.M.J. Lamers & Dr. M. Dalinghaus.
- Genders, T.S.S. (2012, juni 29). *Diagnostic imaging strategies for patients with suspected coronary artery disease*. EUR. Prom./coprom.: Prof. Dr. M.G.M. Hunink & Dr. K. Nieman.
- Gomez Lara, J. (2012, mei 22). *Treatment of coronary atherosclerosis using fully bioresorbable scaffolds*. EUR. Prom./coprom.: Prof. Dr. P.W.J.C. Serruys & H.M. Garcia Garcia.
- Groot, Y.J. de (2012, februari 15). *Organ donor recognition: practical and ethical considerations*. EUR. Prom./coprom.: Prof. Dr. J. Bakker & Prof. Dr. J.N.M. Ijzermans.
- Grootenboer, N. (2012, november 07). *Gender differences in presentation of disease and clinical outcome after vascular surgery*. EUR. Prom./coprom.: Prof. Dr. M.G.M. Hunink & Dr. M.R.H.M. van Sambeek.
- Hachioui, H. El (2012, november 21). *Aphasia after stroke: The SPEAK study*. EUR. Prom./coprom.: Prof. Dr. P.J. Koudstaal, Prof. Dr. D.W.J. Dippel & E.G. Visch-Brink.
- Koning, W.B. de (2012, juni 06). *Congenital heart disease and general practice*. EUR (137 pag.) (Rotterdam: Optima Grafische Communicatie). Prom./coprom.: Prof. Dr. W.A. Helbing.
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Schie, M.C. van (2012, mei 09). *The influence of genetic variation on Von Willebrand factor levels and the risk of stroke*. EUR. Prom./coprom.: Prof. Dr. F.W.G. Leebeek.

Schwagten, B.K.R. (2012, januari 25). *Faster, safer and better catheter ablation?* EUR. Prom./coprom.: Prof. Dr. L.J.L.M. Jordaens.

Smalberg, J.H. (2012, januari 12). *Budd-Chiari syndrome and portal vein thrombosis*. EUR. Prom./coprom.: Prof. Dr. F.W.G. Leebeek & Prof. Dr. H.L.A. Janssen.

Smith, T. (2012, november 13). *Modeling outcome of implantable defibrillator patients*. EUR. Prom./coprom.: Prof. Dr. L.J.L.M. Jordaens & Dr. D.A.M.J. Theuns.

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Article/Letter to the editor

Abraham, P, Caliskan, K. & Szili-Torok, T. (2012). High incidence of unexpected defibrillation coil retention during orthotopic heart transplantation. *Journal of Heart and Lung Transplantation*, 31(8), 909-911.

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