EUR CSC PhD Proposal Overview 2016

Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
EMC							
EMC	Prof. dr.Tamar Nijsten	t.nijsten@erasmusmc.nl	Forensic Molecular Biology and Dermatology	Methodological approaches to Phenom-wide association studies with applications to skin traits and diseases	1	Essential Background in in any of the following disciplines, at best more than one: biostatistics, bioinformatics, computer science, epidemiology, or public health; be required to have excellent programing and computing skills (there will be an exam for this). Plus: Knowledge in genetics and human disease; Experience in dealing with large datasets/software package development; Authorship on science citation indexed (SCI) publications.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Ass. Prof. dr. Fan Liu	f.liu@erasmusmc.nl					
EMC	Prof. dr. M. Kayser	m.kayser@erasmusmc.nl	Forensic Molecular Biology and Dermatology	Methodological approaches to predicting human externally visible characteristics from DNA variants	1	Essential Background in in any of the following disciplines, at best more than one: biostatistics, bioinformatics, computer science, epidemiology, or public health; be required to have excellent programing and computing skills (there will be an exam for this). Plus: Knowledge in genetics and human disease; Experience in dealing with large datasets/software package development; Authorship on science citation indexed (SCI) publications.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Ass. Prof. dr. Fan Liu	f.liu@erasmusmc.nl					
EMC	Prof. dr. M. Kayser	m.kayser@erasmusmc.nl	Forensic Molecular Biology and Dermatology	Developing molecular tools to improve forensic analysis by using recent advances in human molecular biology and genetics	1	The candidate is required to have excellent background in any of the following disciplines, at best more than one: molecular biology, molecular genetics, and genomics. The candidate is required to have excellent lab skills, very good English communication and writing skills, and good computational skills. Desired pluses:Knowledge in forensic genetics; Experience in dealing with large datasets; Computer programming skills; Authorship on science citation indexed (SCI) publications.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Ass. Prof. dr. Fan Liu	f.liu@erasmusmc.nl					
EMC	Prof. dr. C.H.J. van Eijck	c.vaneijck@erasmusmc.nl	Chirurgie	Oncolytic virotherapy as a treatment for pancreatic adenocarcinoma.	1	Master is required. Background in molecular and cellular biology and preferably basic knowledge of virology; experienced with molecular, biological and immunological laboratory techniques; highly motivated to perform basic translational research; experience with animal handling is desired but not necessary.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. B. van den Hoogen	b.vandenhoogen@erasmusmc.nl					
	J.H.E. Verhagen (Contact person)	j.verhagen-oldenampsen@erasmusmc.nl					
EMC	Prof. dr. Ype Elgersma	y.elgersma@erasmusmc.nl	Neuroscience	Molecular mechanisms underlying neurodevelopmental disorders.	1	Master in Biology/Medicine/Physics	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof Dr. J. N. Ijzermans	l.vanderlaan@erasmusmc.nl	Department of Surgery	Modeling co-infection of hepatitis C and B virus in human liver organoids	1	The candidate should have a Master's degree in Biology, Medicine or a related field. He/she should be interested in translational and basic research with a strong interest in liver regenerative medicine. Preferably he/she has some experience in working in an academic laboratory. We are looking for a reliable colleague with good communication and social skills and speaks and writes English well.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. L.J.W. van der Laan	j.ijzermans@erasmusmc.nl					

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EMC							
EMC	Prof dr. Carla. C. Baan	c.c.baan@erasmusmc.nl	Internal Medicine-Nephrology & Kidney Transplantation	Prediction late of graft failure after organ transplantation by genomic and immune parameters of donor-reactive T and B cells	1	Candidate should be educated in Immunology, Medicine, Biology or Bioinformatics and be trained in laboratory techniques like flow cytometry, cell culture and RNA/DNA assays. Also experience with Bioinformatics is appreciated.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. G.P. Krestin / Dr. Edwin H.G. Oei	g.p.krestin@erasmusmc.nl / e.oei@erasmusmc.nl	Department of Radiology	Validation of cartilage and meniscus composition in early knee osteoarthritis measured with novel T2 mapping MRI against clinical and genetic determinants: the Rotterdam Study.	1	Have a background in medicine and/or image analysis (e.g. bio-engineering) or equivalent; Have an affinity with medical imaging (radiology) and advanced quantitative magnetic resonance imaging (MRI), including image post-processing and analysis; - Be interested in the analysis of MRI outcomes with epidemiological and genetic correlates. Specific skills in genetic analysis are not required. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. Dr. J. Gerard G. Borst	g.borst@erasmusmc.nl	Department of Neuroscience	Neuronal activity in the colliculus inferior in a tinnitus mouse model	1	Strong interest in Neuroscience. Master degree: Yes (Biology, Medicine or Physics).	IELTS: 6.5 (min. 6.0 per component)
EMC	Prof. Dr. Roland Kanaar / Assistant Professor Dr. ir. JHG Lebbink	r.kanaar@erasmusmc.nl / j.lebbink@erasmusmc.nl	Department of Genetics	Molecular switches for DNA mismatch repair: a biochemical and biophysical characterization of the activation mechanism of the MutL ATPase	1	The candidate should have an interest in the molecular mechanism of DNA repair or related processes. The candidate should have been educated in Biochemistry, Biophysics or Structural Biology. Techniques such as molecular cloning, protein expression in bacterial and insect cells, protein purification, enzymatic assays, functional DNA modifying assays, surface plasmon resonance, spectofluorimetry and scanning force microscopy will be employed during the project.	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. Jan Hendrik Richardus	j.richardus@erasmusmc.nl	Department of public health	Innovations in the prevention of healthcare associated infections	1	Behavioural science, epidemiology, social medicine, medicine, microbiology Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof.dr. H.J. Metselaar / Dr. Q.Pan	h.janssen@erasmusmc.nl / q.pan@erasmusmc.nl	Dept. of Gastroenterology and Hepatology	Unveiling virus-drug interactions in hepatitis E infection	1	Molecular Biology/Cell biology/Virology/Medicine Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof.dr. M.P. Peppelenbosch / Dr. Q.Pan	m.peppelenbosch@erasmusmc.nl / q.pan@erasmusmc.nl	Dept. Of Gastroenterology and Hepatology	Understanding the regulation of the kinome in hepatitis virus infection and associated liver cancer	1	Molecular Biology/Cell biology/Virology/Medicine Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)

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EMC							
EMC	Prof. C.C. Baan	c.c.baan@erasmusmc.nl	Department of Internal Medicine Section Nephrology and Transplantation	The use of Mesenchymal Stem Cell membranes for the generation of vesicles for immunomodulatory therapy	1	The candidate should have a research interest in cellular therapy for organ transplantation. Cell biology and immunological knowledge are required. Laboratory experience and small animal handling skills are an advantage. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. M.J. Hoogduijn	m.hoogduijn@erasmusmc.nl					
EMC	Prof. dr. B.H. Stricker	b.stricker@erasmusmc.nl	Pharmaco-epidemiology Unit, Department of Epidemiology	Pharmacogenetics: finding effect modifiers for drug response	1	Candidate with medical, biological or molecular background with an interest in genetic studies. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Departments of Medical Informatics and Radiology Biomedical Imaging Group Rotterdam	Novel Image Analysis Methods for Studying Embryonic Development in Health and Disease	1	MSc degree in mathematics, physics, electrical engineering, biomedical engineering, computer science, or a related field. Experience with computer programming (Java or C++), strong theoretical skills, communication skills (English), and the ability to work in a multidisciplinary team (involving both computer scientists and life scientists) are required. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Erik Meijering	h.meijering@erasmusmc.nl					
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Departments of Medical Informatics and Radiology Biomedical Imaging Group Rotterdam	Advanced Methods for Brain Image Analysis at the Cellular and Network Level	1	MSc degree in mathematics, physics, electrical engineering, biomedical engineering, computer science, or a related field. Experience with computer programming (Java or C++), strong theoretical skills, communication skills (English), and the ability to work in a multidisciplinary team (involving both computer scientists and life scientists) are required. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Erik Meijering	h.meijering@erasmusmc.nl					
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Departments of Medical Informatics and Radiology Biomedical Imaging Group Rotterdam	Big Image Data Analytics for Cancer Biology Research	1	MSc degree in mathematics, physics, electrical engineering, biomedical engineering, computer science, or a related field. Experience with computer programming (Java or C++), strong theoretical skills, communication skills (English), and the ability to work in a multidisciplinary team (involving both computer scientists and life scientists) are required. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Erik Meijering	h.meijering@erasmusmc.nl					
EMC	Prof.dr. J.P.T.M. van Leeuwen	j.vanleeuwen@erasmusmc.nl	Internal Medicine, Calcium and Bone Metabolism	Is bone a central endocrine regulator of healthy aging?	1	The candidate preferably has gathered experienced in the field of bone biology. In addition, a certificate to perform animal experiments is desired, but not required. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. B.C.J. van der Eerden	b.vandereerden@erasmusmc.nl					

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EMC							
EMC	Prof. dr. H.J. Metselaar	h.j.metselaar@erasmusmc.nl	Erasmus MC	Associating genomics and immunology of persistent viral infections	1	You have a background in molecular and cellular biology and bioinformatics. You have knowledge of immunology, biostatistics and high throughput technology. Experience with programming, SPSS, and R will be a plus. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. A. Boonstra	p.a.boonstra@erasmusmc.nl					
	Dr. J. Hou	j.hou@erasmusmc.nl					
EMC	Prof. dr. H.J. Metselaar	h.j.metselaar@erasmusmc.nl	Erasmus MC	Immunology of persistent viral infections (Hepatitis B, Hepatitis C and HIV).	1	You have a background in molecular and cellular biology and knowledge of basic immunology. You are experienced with molecular, biological and immunological laboratory techniques and are highly motivated to perform basic translational research. Experience with animal handling is desired for the topic using mouse infection models. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. A. Boonstra	p.a.boonstra@erasmusmc.nl					
EMC	Prof. dr H.J. Metselaar	h.j.metselaar@erasmusmc.nl	Gastroenterology and Hepatology	Detection and characterization of circulating tumor cells in patients with hepatocellular carcinoma	1	The candidate should have a Master's degree in Biology, Medicine or a related field. He/she should be interested in translational and basic research with a strong interest in tumor biology and tumor immunology. Preferably he/she has some experience in working in an academic laboratory. We are looking for a reliable colleague with good communication and social skills and who speaks and writes English well. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. D Sprengers	d.sprengers@erasmusmc.nl					
	Dr. J. Kwekkeboom	j.kwekkeboom@erasmusmc.nl					
EMC	Prof. dr. W.J. Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam	Improved image guidance in minimally invasive liver interventions	1	Master degree: Yes (if No, review per incident. Background in Computer Science / Biomedical Imaging / Biomedical Engineering.	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Th. van Walsum	t.vanwalsum@erasmusmc.nl					
	Dr. A. Moelker	a.moelker@erasmusmc.nl					
EMC	Prof. dr. W.J. Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam	Automated image processing for stroke interventions	1	Computer Science / Biomedical Imaging / Biomedical Engineering / Electrical Engineering Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Th. van Walsum	t.vanwalsum@erasmusmc.nl					
	Dr. B.J. Emmer	b.emmer@erasmusmc.nl					
EMC	Prof. dr. Juan Antonio Hernandez Tamames	j.hernandeztamames@erasmusmc.nl	Radiology Department (MR Physics Group)	Quantitative multi-parametric magnetic resonance mapping & Clinical Applications based on 3D GRASE.	1	MsC in Physics, Mathematics, Bioengineering or Electical Engineering. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. W.J. Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam (BIGR)	Quantitative image analysis of cardiac MRI	1	Ability to work in a multidisciplinary team. Experience with programming. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Dirk H.J. Poot	d.poot@erasmusmc.nl					
	Dr. Stefan Klein	s.klein@erasmusmc.nl					

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
EMC							
EMC	Prof. dr. W.J. Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam (BIGR)	Image processing for quantitative analysis of cartilage MRI in osteoarthritis patients	1	Ability to work in a multidisciplinary team. Experience with programming. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Dirk H.J. Poot	d.poot@erasmusmc.nl					
	Dr. Stefan Klein	s.klein@erasmusmc.nl					
EMC	Prof. dr. Sita Bierma-Zeinstra	s.bierma-zeinstra@erasmusmc.nl	Department of General Practice, research group "Osteoarthritis and related disorders".	Outcome measures for early knee osteoarthritis development and prevention	1	Medical Doctor, Health Scientist, or comparable level/type of education. Preferably trained in (clinical) epidemiology or willing to enter the NIHES-MSc-program on Clinical Epidemiology at Erasmus MC Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Jos Runhaar	j.runhaar@erasmusmc.nl					
EMC	Prof. dr. Sita Bierma-Zeinstra	s.bierma-zeinstra@erasmusmc.nl	Department of General Practice, research group "Osteoarthritis and related disorders".	The role of the patellofemoral joint in knee osteoarthritis and pain development	1	Medical Doctor, Health Scientist, or comparable level/type of education. Preferably trained in (clinical) epidemiology or willing to enter the NIHES-MSc-program on Clinical Epidemiology at Erasmus MC Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Jos Runhaar	j.runhaar@erasmusmc.nl					
EMC	Prof. dr. D. Huylebroeck	d.huylebroeck@erasmusmc.nl	Department of Cell Biology	Gene expression and signal transduction in development and disease	1	Skills in and knowledge of e.g. biology, biochemistry, biophysics, microscopy, developmental biology, molecular biology, gene transcription, animal models, and related. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. N. Galjart	n.galjart@erasmusmc.nl					
EMC	Prof. Dr. M.J. Bruno	m.j.bruno@erasmusmc.nl	Gastroenterology and Hepatology	Targeting immune checkpoint regulators to reinvigorate T-cell immunity to Hepatocellular Carcinoma	1	The candidate should have a Master's degree in Biology, Life Sciences, or Medicine, and a strong interest in clinically-oriented immunological research. Experience in experimental laboratory research, preferably in cellular immunology, is required. We are looking for a reliable and accurate student who speaks and writes English well. Master degree: Yes	IELTS: 6.5 (min. 6.0 per component) or TOEFL: 95 (min. 18 per component)
	Dr. J. Kwekkeboom	j.kwekkeboom@erasmusmc.nl					
	Dr. D. Sprengers	d.sprengers@erasmusmc.nl					
EMC	Prof. dr. Kees Verhoef	c.verhoef@erasmusmc.nl	Department of Surgery, Division of Surgical Oncology	Dissection of tumor stroma interaction in colorectal cancer of the liver	1	For this project we need an enthusiastic and highly motivated young scientist who has recently completed his/her MSc degree in (Molecular/Medical) Biology, Pharmaceutical Sciences or Medicine with strong emphasis for basic cell biology or a similar discipline. The candidate should preferably have experience in cell biological research and have a legal qualification as an animal experimentalist or is willing to obtain this qualification. Candidates English should meet following level: IELTS Grade: 7.0 (minimal 6.0 per component) or TOEFL: 100 (minimal 20 per component). The project should result in writing of a PhD thesis. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component) or PETS-5 level
	Dr. Timo L.M. ten Hagen	t.l.m.tenhagen@erasmusmc.nl					

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
EMC							
EMC	Prof. dr. Kees Verhoef	c.verhoef@erasmusmc.nl	Department of Surgery, Division of Surgical Oncology	Drug delivery systems and tumor manipulation for improved treatment of solid tumor	1	For this project we need an enthusiastic and highly motivated young scientist who has recently completed his/her MSc degree in (Molecular/Medical) Biology, Pharmaceutical Sciences or Medicine with strong emphasis for basic cell biology or a similar discipline. The candidate should preferably have experience in cell biological research and have a legal qualification as an animal experimentalist or is willing to obtain this qualification. The project should result in writing of a PhD thesis. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component) or PETS-5 level
	Dr. Timo L.M. ten Hagen	t.l.m.tenhagen@erasmusmc.nl					
EMC	Prof. Annelies Verbon	a.verbon@erasmusmc.nl	Medical Microbiology and Infectious Diseases; Internal Medicine, Section of Infectious Diseases	Novel treatment strategies for mycobacterial infections	1	Special interest in translational research; Good laboratory skills (Biosafety level 3); Motivated and committed. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. JEM de Steenwinkel	j.desteenwinkel@erasmusmc.nl					
	Dr. HI Bax	h.bax@erasmusmc.nl					
EMC	Prof.dr. W. Vermeulen	W.Vermeulen@erasmusmc.nl	Genetics	The molecular mechanism of DNA damage induced aging	1	The candidate should have thorough knowledge of molecular and cellular biology. Experience in live cell imaging and image analysis and/or proteomics is an advantage, but not mandatory. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. J.A.F Marteijn	J.Marteijn@erasmusmc.nl					
EMC	Prof.dr. W. Vermeulen	W.Vermeulen@erasmusmc.nl	Genetics	Linking chromatin remodeling and DNA repair in cancer	1	The candidate should have thorough knowledge of molecular and cellular biology. Experience in live cell imaging and image analysis is an advantage, but not mandatory. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. H. Lans	w.lans@erasmusmc.nl					
EMC	Prof. Dr. Jan H.J. Hoeijmakers	j.hoeijmakers@erasmusmc.nl	Genetics	Extending healthy lifespan by anti-aging nutrition	1	: The candidate should have thorough knowledge of molecular and cellular biology. Experience in omics, histochemical techniques and animal handling is an advantage, but not mandatory. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Ing. W.P. Vermeij	w.vermeij@erasmusmc.nl					
EMC	Prof. Dr. Jan H.J. Hoeijmakers	j.hoeijmakers@erasmusmc.nl	Genetics	Dissecting the aging transcriptome by integrated transcriptomics	1	The candidate should have a background in genomics / transcriptomics analysis, bio-informatics and knowledge of molecular and cellular biology. Experience in programming languages (e.g. Python, R) is an advantage, but not mandatory. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. J. Pothof	j.pothof@erasmusmc.nl					

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EMC							
EMC	Prof. dr. Bart W. Koes	b.koes@erasmusmc.nl	Department of General Practice – Primary Care Research, NIHES	Diagnosis and prognosis of musculoskeletal disorders in primary care	1	Medical training, or comparable level or type of education. Preferably: Trained in (clinical) epidemiology, public health Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. Chris I. De Zeeuw	c.dezeeuw@erasmusmc.nl	Neuroscience	Rescuing cerebello-cerebral communication in a mouse model of spino-cerebellar ataxia	1	Preferable a background in life sciences or medicine. Strong interest in neuroscience is required. The student should be willing to learn new techniques and have affinity with quantitative data analysis. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
				Induction and rescue of motor behavioral deficits in a mouse model for human disease Ataxia-Telangiectasia (A-T)	1		
EMC	Prof. Dr. Hans van Leeuwen	j.vanleeuwen@erasmusmc.nl	Internal Medicine	Understanding the molecular and cellular mechanisms of cancer cell metastasis in bone	1	Cell biology, molecular biology, interest in cancer research, creative, punctual, enthusiastic, communicative. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Marjolein van Driel	m.vandriel@erasmusmc.nl					
EMC	Prof. Robin Peeters	r.peeters@erasmusmc.nl	Internal Medicine, Division of endocrinology	Molecular mechanisms of thyroid hormone receptor regulation	1	Master's degree in biomedical sciences, biochemistry or molecular biology.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Prof. Theo Visser	t.j.visser@erasmusmc.nl					
	Dr.Marcel Meima	m.meima@erasmusmc.nl					
EMC	Prof. Robin Peeters	r.peeters@erasmusmc.nl	Internal Medicine, Rotterdam Thyroid Centre	Regulation of the thyroid hormone transporter MCT8	1	Master's degree in biomedical sciences, biochemistry or molecular biology.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Prof. Theo Visser	t.j.visser@erasmusmc.nl					
	Dr. W. Edward Visser	w.e.visser@erasmusmc.nl					
EMC	Prof. Robin Peeters	r.peeters@erasmusmc.nl	Endocrinology and Epidemiology	The effects of maternal thyroid function during early pregnancy on brain development of the child.	1	A background in medicine and/or epidemiology is required. Preferably, the candidate has some experience with data analysis and/or writing a paper. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Prof. Henning Tiemeier	h.tiemeier@erasmusmc.nl					
	Dr. Tim Korevaar	t.korevaar@erasmusmc.nl					

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EMC							
EMC	Prof. Robin Peeters	r.peeters@erasmusmc.nl	Internal Medicine and Epidemiology	The epidemiological and genetic basis of the influence of thyroid hormone on osteoporosis and risk fracture.	1	Master degree in Medicine, biomedical sciences or (clinical) epidemiology. Medical Doctor's degree. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Fernando Rivadeneira	f.rivadeneira@erasmusmc.nl					
	Layal Chaker	l.chaker@erasmusmc.nl					
EMC	Prof. Robin Peeters	r.peeters@erasmusmc.nl	Endocrinology	Crossing the blood brain barrier with thyroid hormone	1	A background in medicine and/or molecular biology is required. Preferably, the candidate has some experience with data analysis and/or writing a paper. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Prof. Theo Visser	t.j.visser@erasmusmc.nl					
EMC	Dr. J. F. Veenland	j.veenland@erasmusmc.nl	Radiology / Urology / Pathology / Medical informatics	Multiparametric MRI as a substitute for systematic prostate biopsy: is it feasible?	1	Master in Radiology, preferably have some knowledge on MRI and statistics.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. I.G. Schoots	i.schoots@erasmusmc.nl					
	Prof dr W.J Niessen	w.niessen@erasmusmc.nl					
	Prof. dr. G.P. Krestin	g.p.krestin@erasmusmc.nl					
EMC	Prof. Dr. C.I. De Zeeuw	c.dezeeuw@erasmusmc.nl	Neuroscience	Cerebellar control of thalamocortical networks in health and disease	1	The student should have a background and bachelor-master degrees in Biomedical Sciences or Molecular Biology. He/she should be interested in the cellular mechanisms underlying the communication between the cerebellum and the cerebrum as well as in cutting edge electrophysiological and optogenetic tools in mutant mice. The level in English reading, writing and speaking should be at the highest possible standard. Bachelor & Master degree: Yes, both degrees are required, but they don't need to be in the same field.	IELTS Grade: 7.0 (min. 6.0 per subscore): The higher the score, the better. or TOEFL: 100 (min. 20 per subscore): The higher the score, the better. GMAT/GRE: The higher the score, the better.
	Dr. F.E. Hoebeek	f.hoebeek@erasmusmc.nl					
EMC	Prof. dr. J.N.M. Ijzermans	j.ijzermans@erasmusmc.nl	Surgery, School of Molecular Medicine	Development of a therapy for cancer associated cachexia	1	Medical Doctor or MSc in medical biology / molecular biology with interest in cancer research using animal models and molecular biological techniques. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. R.W.F. de Bruin	r.w.f.debruin@erasmusmc.nl					
EMC	Prof. dr. J.N.M. Ijzermans	j.ijzermans@erasmusmc.nl	Surgery, School of Molecular Medicine	Understanding the protective effects of dietary restriction on chemotherapy induced adverse side effects	1	Medical Doctor or MSc in medical biology / molecular biology with interest in cancer research using animal models and molecular biological techniques. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. R.W.F. de Bruin	r.w.f.debruin@erasmusmc.nl					

EUR CSC PhD Proposal Overview 2016

Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
EMC							
EMC	Prof. dr. J.N.M. Ijzermans / Dr. R.W.F. de Bruin	j.ijzermans@erasmusmc.nl / r.w.f.debruin@erasmusmc.nl	Surgery, School of Molecular Medicine	Regenerative therapy using Lgr5 positive liver stem cells and organoids to improve liver regeneration after acute ischemic damage or liver resection	1	Medical Doctor or MSc in medical biology / molecular biology with interest in cancer research using animal models and molecular biological techniques. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. Henning Tiemeier	h.tiemeier@erasmusmc.nl	Child and Adolescent Psychiatry	Children of divorce: Transient troubles or long lasting difficulties?	1	Social Scientist, Psychologist or Public Health Analytical thinking but no further specific skills needed Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. Henning Tiemeier	h.tiemeier@erasmusmc.nl	Child and Adolescent Psychiatry	The role of cerebellar connectivity on social cognition and everyday social functioning in the general population.	1	Neuroscientist, Medical doctor, Psychologist or Social Scientist Abstract thinking and analytical skills, but no specific training needed Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
EMC	Prof. dr. Hein Raat	h.raat@erasmusmc.nl	Public Health	Determinants of frailty among older citizens in two European cohorts, and effectiveness of frailty prevention by integrated health care and social care in Europe	1	A background in medical/health sciences (for example geriatrics, public health, medicine, health economy, epidemiology or psychology) is required. The candidate should have a strong methodological background. Excellent analytical and writing skills are required, as well as a keen interest in the interaction between biological, psychological and social factors and health and well-being of older citizens. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
				Validity, reliability and acceptability of early detection of emotional and behavioral problems in childhood by the BITSEA and SDQ, and effectiveness of parenting support in families by 'Strong parenting' home visits	1	A background in medical/health sciences (for example pediatrics, public health, medicine, health economy, epidemiology or psychology) is required. The candidate should have a strong methodological background. Excellent analytical and writing skills are required, as well as a keen interest in the interaction between biological, psychological and social factors and parenting and psychosocial health of children. Master degree: Yes	
EMC	Prof. dr. M.C. Zillikens	m.c.zillikens@erasmusmc.nl	Internal Medicine and Epidemiology	Skin Advanced Glycation End Products (AGEs) in relation to age-related diseases: analyses in the Rotterdam Study.	1	The PhD candidate will perform analyses using different statistical programs and perform Genome-Wide Association (GWA) studies and needs good command of the English language, both verbally and in writing of manuscripts. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
EMC							
EMC	Prof. Peter van der Spek	p.vanderspek@erasmusmc.nl	Bioinformatics and Urology	The robust detection of driver mutations, novel markers and therapy targets in cancer	1	We are looking for a proactive, enthusiastic fellow with a background in bioinformatics (Sequence Analysis) and programming skills (preferably python and one other language), being fluent in speaking and writing English. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Prof. Guido Jenster	g.jenster@erasmusmc.nl					
	Dr. Andrew Stubbs	a.stubbs@erasmusmc.nl					
EMC	Prof. Dr. Jan Hendrik Richardus	j.richardus@erasmusmc.nl	Public Health	Mathematical modeling of HIV spread and control in populations of men who have sex with men in migrant cities of China	1	Mathematical biology or any other background with a strong mathematical component, such as epidemiology, biomedical sciences, biostatistics or econometrics. Experience with deterministic modeling and advanced data analysis is essential. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Sake J. de Vlas	s.devlas@erasmusmc.nl					
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Radiology and Medical Informatics	Computer aided diagnosis of lung disease from CT imaging	1	You should have a Master's degree in physics, electrical engineering, mathematics, biomedical engineering, computer science, or a related field. Experience with biomedical image analysis and/or machine learning is an advantage. You should be familiar with programming. Strong theoretical skills and affinity with experimental work are required.	IELTS Grade: 6.5 or TOEFL: 90
	Dr. Marleen de Bruijne	marleen.debruijne@erasmusmc.nl					
EMC	Prof. Dr. Wiro Niessen	w.niessen@erasmusmc.nl	Radiology and Medical Informatics	Machine learning in medical image analysis	1	You should have a Master's degree in physics, electrical engineering, mathematics, biomedical engineering, computer science, or a related field. Experience with biomedical image analysis and/or machine learning is an advantage. You should be familiar with programming. Strong theoretical skills and affinity with experimental work are required.	IELTS Grade: 6.5 or TOEFL: 90
	Dr. Marleen de Bruijne	marleen.debruijne@erasmusmc.nl					
EMC	Prof. dr. B.J.M. Heijmen	b.heijmen@erasmusmc.nl	Department of Radiotherapy, Division of Medical Physics	Large-scale, high quality cancer treatment by radiation therapy	1	Multi-Criteria Optimisation, Mathematics, Operations Research, Computer Science, Medical Physics Goal Oriented, Python/Matlab programming skills (or eager to learn) Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. S. Breedveld	s.breedveld@erasmusmc.nl					
ESL							
ESL	Prof. dr. P. Mascini	pmascini@gmail.com	Sociology Sciences	The interaction between formal and informal strategies of handling technological risks	1	Master degree in one of the social sciences (e.g. sociology, political science, or business or public administration). The candidate must have the skills to collect and analyze quantitative data and to design a survey on risk-handling strategies, incidents and accidents, and intra-organizational trust. Moreover, the candidate must have the necessary social skills to gain access to companies for the collection of survey data.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
ESL	Prof. dr. Elaine Mak	mak@law.eur.nl	Department of Sociology, Theory and Methodology	Improving Judicial Procedures: A Comparative Analysis of Rules and Practices of Case Management in China, the Netherlands and the United Kingdom	1	The candidate should have a master degree in law. Candidates with an interest in (comparative) constitutional law and/or judicial studies are in particular invited to apply. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
FSW							
FSW	Prof. dr. Fred Paas	paas@fsw.eur.nl	Psychology	Human Movement of Digital Objects to Enhance Learning in Computer-Based Learning Environments	1	Master in Educational Psychology, Cognitive Psychology or any other related discipline.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. Ingmar Franken / Dr. Josanne van Dongen	franken@fsw.eur.nl / j.d.m.vandongen@fsw.eur.nl	Psychology	Empathy in violent addicted patients: towards an EEG-neurofeedback intervention to reduce violence	1	Background in (clinical) psychology and preferably in the use of psychophysiological measures (EEG). Good reading, understanding and speaking of the English language.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof.Dr. R.A. Zwaan / Dr. Diane Pecher	zwaan@fsw.eur.nl / pecher@fsw.eur.nl	Psychology	Embodied Memory	1	You have a master's degree in Cognitive Science or Experimental/Cognitive Psychology. You have experience with statistics and research methods, preferably including practical research skills such as programming experiments, testing participants, analyzing data, and writing APA-style research reports.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof.Dr. R.A. Zwaan / Dr. René Zeelenberg	zwaan@fsw.eur.nl / zeelenberg@fsw.eur.nl	Psychology	Enhancing Foreign Language Vocabulary Learning	1	Extensive knowledge of cognitive psychology and experience with experimental research is required. You should have successfully completed courses in statistics and research methods. Basic programming skills are an asset.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. IHA Franken / Dr. PW Jansen	franken@fsw.eur.nl / p.w.jansen@fsw.eur.nl	Psychology & Department of Epidemiology (Generation R) and department of Child and Adolescent Psychiatry / Psychology	Out of control? Studying the effect of child and parental control on paediatric obesity	1	Psychology, Pedagogical sciences or Medicine. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. Arnold B. Bakker	bakker@fsw.eur.nl	Psychology, Department of Work & Organizational Psychology	Strengths Use at Work	1	Work and Occupational Psychology or related field. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
FSW							
FSW	Prof. dr. Arnold B. Bakker	bakker@fsw.eur.nl	Psychology, Department of Work and Organizational Psychology	The cognitive and motivational mechanisms of flow and engagement	1	Master in Psychology, for example Cognitive or Biological Psychology, Work & Organizational Psychology, or Experimental Psychology. Interest in, and experience with psychophysiological measures (e.g., EEG, heart rate, pupil measures). Interest in topics related to the project such as performance, engagement/flow, brain reward systems, motivation. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Dimitri van der Linden	vanderlinden@fsw.eur.nl					
FSW	Prof. dr. Liesbet van Zoonen	vanzoonen@fsw.eur.nl	FSW	Becoming a city-zen: how migrants, expats and tourists accommodate a new city.	1	Background in - Social sciences or humanities, in particular urban studies, cultural studies, tourism studies, migration studies, sociology, social geography, anthropology - Strong and diverse methodological training, preferably some expertise in big data and social media analytics; - Excellent English oral and writing skills - Capacity to work in international contexts Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. Jan W. Van Strien	vanstrien@fsw.eur.nl	Psychology, Section Brain & Cognition	Neurophysiological, cognitive, and subjective responses to emotional stimuli in Chinese and West-European young adults: Similarities and differences.	1	Knowledge of EEG and/or other psychophysiological methods, EEG signal processing, statistical skills. Master degree: Yes (preferably in Psychology or Cognitive Neuroscience)	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
FSW	Prof. dr. Dykstra	dykstra@fsw.eur.nl	Public Administration and Sociology	Life Course and Family Dynamics	1	The successful candidate will have excellent quantitative skills and a strong understanding of family dynamics and comparative research methods. They will need to be able to work in an international project and contribute to the wider research project whilst also cultivating their own research agenda. Strong communication skills are therefore also essential, as is excellent command of English. A familiarity with European research on later life and family sociology in general would also be a strong advantage. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
iBMG							
iBMG	Prof. dr. Anna Petra Nieboer	nieboer@bmg.eur.nl	institute of Health Policy and Management	The importance of social cohesion and healthy behaviours for healthy ageing in low- and middle-income countries.	1	Strong general knowledge in the field of Sociology and/or Public Health (Master degree level) Experience with empirical research Experience with advanced quantitative research methods, especially longitudinal mixed methods analyses and cross country analyses using panel data.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Jane Murray Cramm	cramm@bmg.eur.nl					
ESE	Prof. dr. Eddy van Doorslaer	vandoorslaer@ese.eur.nl	Institute of Health Policy and Management	Making coverage for chronic health problems effective in China	1	The candidate should have a good background in (applied) microeconometrics from courses taken during Bachelor and Master degrees, as well as from application in the respective theses. Knowledge of and experience with Statistical software, preferably Stata. Ideally should have a Master thesis and/or another relevant document in English (please attach to application if it is the case) Master degree: Yes	IELTS: 7.5 (min. 6.0 per component) GMAT grade: 680 (or GRE top 15%) As part of the selection procedure, the supervisors will interview the candidate.
iBMG	Dr. Ellen Van de Poel	vandepoel@bmg.eur.nl					
ESE							
ESE	Prof. dr. Eddy van Doorslaer	vandoorslaer@ese.eur.nl	ESE	Disparities in health and health care in China: are the gaps narrowing?	1	The candidate should have a good background in (applied) microeconometrics from courses taken during Bachelor and Master degrees, as well as from application in the respective theses. Knowledge of and experience with Statistical software, preferably Stata. Ideally should have a Master thesis and/or another relevant document in English (please attach to application if it is the case) Master degree: Yes	IELTS: 7.5 (min. 6.0 per component) GMAT grade: 680 (or GRE top 15%) As part of the selection procedure, the supervisors will interview the candidate.
	Dr. Teresa Bago d'Uva	bagoduva@ese.eur.nl					
ESE	Prof. dr. Rommert Dekker	rdekker@ese.eur.nl	Econometric Institute	Consumer Returns Logistics	1	Operations management / operations research, with skills in forecasting, logistics and optimization methods. Master degree: Yes	IELTS: 7.0 (min. 6.0 per component) or TOEFL: 100 (min. 20 per component)
				Design of liner shipping networks under competition.	1	strong skills in mathematics optimization Master degree: Yes	

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
RSM							
RSM	Prof. dr. George Hendrikse	ghendrikse@rsm.nl	Rotterdam School of management	Governance of Bounded cognition in Supply Chains	1	Management, Economics, Engineering, … Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
				Cooperatives: Two Worlds in One Organization	1	Business, Economics, Engineering, … Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component) GMAT: 650
RSM	Prof. dr. Taco Reus	treus@rsm.nl	Strategic Management & Entrepreneurship, Global Strategy section	Chinese outbound and inbound acquisitions: Post-deal integration, knowledge exchange, and strategic alternatives	1	The ideal candidate for this project has the following traits. First, he/she has an MSc. or MPhil. degree in management, economics, political science, or sociology, obtained with outstanding grades. Second, the candidate has excellent statistical/econometric and analytical skills. Third, he/she should be highly motivated, diligent, persistent, a team player, and internationally oriented. Fourth, the candidate should be a talented prospective scholar with a keen interest in global strategy and international business in general and cross-border acquisitions in particular.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Arjen Slangen	aslangen@rsm.nl					
	Dr. Susan Zhu	External China-based collaborator, HSBC Business School, Peking University					
RSM	Prof. Eric van Heck	eheck@rsm.nl	Technology and Operations Management	Social Media and Information Aggregation in China and the Western world	1	• At least an MSc, MA or MPhil degree in business or economics, or from related fields such as psychology, sociology, computer science, engineering, mathematics, statistics, etc. • Excellent results in their first degree/graduate study. • Explicit interest in and motivation for scientific research. • Commitment and drive to execute excellent PhD research; • International orientation and the capacity to speak and write in English fluently;	IELTS Grade: 7.5; or TOEFL: 100 on the internet based test and 600 on the paper based test
	Dr. Ting Li	tli@rsm.nl		Mobile Analytics in China	1		
RSM	Prof. dr. Henk Volberda	hvolbderda@rsm.nl	Strategic Management	Corporate Leadership, CSR, and Strategic Renewal in Chinese Firms	1	Ideally the candidate should have a background in Management Sciences or Economics. Further, strong statistical and mathematical skills are desirable. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
				Opening up the black box of Business Model Innovation	1		

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
ISS							
ISS	Prof. dr. Arjun Bedi	bedi@iss.nl	International Institute of Social Studies	Understanding Public Employment Reforms in the Minority Areas of Western China during the Post-fenpei Period	1	Social Sciences (ideally with background in economics, political economy, politics science, development studies, social policy or related field) Other requirements: preferably experience in western China and knowledge of a minority language or equivalent experience. Master degree: Yes (in Social Sciences, as specified above)	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Andrew M. Fischer	fischer@iss.nl					
ISS	Prof. dr. Peter A.G. van Bergeijk	Bergeijk@iss.nl	International Institute of Social Studies / Research programme Economics of Development and Emerging Markets	Economic Statecraft and New Realities: Economic Diplomacy, Economic Security and Economic Sanctions	1	Solid background in international economics and international political economy/international relations. Excellent econometric and mathematical skills. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
ISS	Prof. dr. Wil Hout	hout@iss.nl	International Institute of Social Studies (ISS)	Comparative regionalism and the impact of BRICS countries in Africa	1	Political science, international relations, international political economy Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
				Comparative regionalism and the impact of BRICS countries in Latin America	1		
				Comparative regionalism and the impact of BRICS countries in Asia	1		
ISS	Prof. dr. Irene van Staveren	staveren@iss.nl	International Institute of Social Studies	Do low social cohesion, social exclusion and social inequality have direct or indirect effects on economic growth?	1	Strength in quantitative analysis (ability work with STATA or similar software) and demonstrated interest in development studies and/or social or institutional economics. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Elissaios Papyrakis	papyrakis@iss.nl					
ISS	Prof. dr. Irene van Staveren	staveren@iss.nl	International Institute of Social Studies	Horizontal Inequality and Wellbeing: Do More Equal Societies Fare Better?	1	Strength in quantitative analysis (ability work with STATA or similar software) and demonstrated interest in development studies and/or social or institutional economics. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Elissaios Papyrakis	papyrakis@iss.nl					
ISS	Prof. dr. Irene van Staveren	staveren@iss.nl	International Institute of Social Studies	Is Civic Activism a Substitute for Weak Democratic Institutions or a Complement to Strong Democratic Institutions?	1	Strength in quantitative analysis (ability work with STATA or similar software) and demonstrated interest in development studies and/or social or institutional economics. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Kees Biekart	biekart@iss.nl					
ISS	Prof. dr. Irene van Staveren	staveren@iss.nl	International Institute of Social Studies	Monitoring the promotion of peaceful and inclusive societies	1	Strength in quantitative analysis (ability work with STATA or similar software) and demonstrated interest in development studies and/or social or institutional economics. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Kees Biekart	biekart@iss.nl					

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Faculty	Co-Supervisor(s)	E-mail adresses	Department	Project Title	No.	Required Background	English Requirements
ESHCC							
ESHCC	Prof. dr.Susanne Janssen	s.janssen@eshcc.eur.nl	Media and Communication	Digital vigilantism in China: Mapping the terrain and assessing societal impacts	1	• At least an MSc, MA or MPhil degree in Media and Communication Studies or related fields. • Excellent results in first degree/graduate study. • Explicit interest in and motivation for scientific research in the field of digital media and their social uses and implications. • Experience with qualitative research methods, including in-depth semi-structured interviews and discourse analysis. • The candidate has preferably also prior research experience in the field of digital media, activism and social movements.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Daniel Trottier	trottier@eshcc.eur.nl					
ESHCC	Prof. dr.Susanne Janssen	s.janssen@eshcc.eur.nl	Media and Communication	Corporate Social Media Channels and Corporate Reputation at Risk	1	At least an MSc, MA or MPhil degree in organization, marketing, business or from related fields to corporate communication. Excellent results in first degree/graduate study. Explicit interest in and motivation for scientific research in corporate communication. Experience with quantitative research preferred.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Yijing Wang	y.wang@eshcc.eur.nl					
ESHCC	Prof. dr.Susanne Janssen	s.janssen@eshcc.eur.nl	Media and Communication	Self-presentation and computer-mediated communication on matchmaking mobile applications	1	At least an MSc, MA or MPhil degree in Media and Communication studies or a related field (e.g. Sociology). Excellent results in first degree/graduate study. The project will preferably use qualitative research methods. Therefore, students should be familiar with how qualitative research is conducted and how qualitative data is analyzed. The use of more innovative qualitative methods is especially encouraged. A quantitative perspective is possible, but if this is chosen the student must be highly skilled in methodological setup and statistical analysis.	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Janelle Ward	ward@eshcc.eur.nl					
EUC							
EUC	Prof. Dr. Maarten Frens	frens@euc.eur.nl	Social and Behavioral Sciences	Big data analysis for behavioral change	1	We are looking for a PhD candidate with a background in advanced statistics and computer programming, for example with a Master degree in computer programming, statistics or econometrics. Experience with programming in R or Python or another relevant program is necessary. Moreover, we are looking for candidates with expertise in working with big data and data visualization. Experience with experimental designs is a plus. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Vera Schölmerich	vera.schoelmerich@cantab.net					
	Dr. Semiha Denktas	denktas@euc.eur.nl					
EUC	Prof. Dr. Maarten Frens	frens@euc.eur.nl	Social and Behavioral Sciences	Online nudges for health promotion – one size fits all?	1	We are looking for a PhD candidate with a background in behavioral sciences, preferably in psychology or behavioral economics. The candidate should have expertise in statistical analysis, and some experience with experimental design. Experience with programming in R or Python or another relevant program is a plus. Master degree: Yes	IELTS: 7 (min. 6 per component) or TOEFL: 100 (min. 20 per component)
	Dr. Vera Schölmerich	vera.schoelmerich@cantab.net					
	Dr. Semiha Denktas	denktas@euc.eur.nl					