

EUR CSC PhD Proposal Overview 2021

<https://www.eur.nl/en/about-eur/erasmus-university-china-centre/csc-scholarship/prospective-phd-candidates>

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
Erasmus Medical Center (EMC)							
EMC	Prof. dr. Tokameh Mahmoudi, PhD	t.mahmoudi@erasmusmc.nl	Department of Biochemistry	Liver organoid-tumour platform in study of HBV infection and tumorigenesis	1	<ul style="list-style-type: none"> We are looking for a highly motivated PhD student who has received excellent scientific and practical training in the areas of Molecular Virology or Molecular Biology who also has some basic training or interest in bioinformatics to join our research team. We offer: Supervision, lab facilities and infrastructure, and training. We will cover Laboratory costs. As a candidate PhD student at Erasmus MC, your salary and living expenses will be covered by your University or Scholarship Council. For more information regarding this vacancy, please contact t.mahmoudi@erasmusmc.nl. 	The student should be fluent in English (English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)).
EMC	Prof. dr. Tokameh Mahmoudi, PhD	t.mahmoudi@erasmusmc.nl	Department of Biochemistry	HIV Cure: mechanisms, drug discovery, clinical study and valorization	1	<ul style="list-style-type: none"> We are looking for a highly motivated PhD student who has received excellent scientific and practical training in the areas of Molecular Virology or Molecular Biology who also has some basic training or interest in bioinformatics to join our research team. We offer: Supervision, lab facilities and infrastructure, and training. We will cover Laboratory costs. As a candidate PhD student at Erasmus MC, your salary and living expenses will be covered by your University or Scholarship Council. 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)).
EMC	Prof dr D Rizopoulos	d.rizopoulos@erasmusmc.nl	Department of Biostatistics	Longitudinal modeling of blood donation data	1	<ul style="list-style-type: none"> We're looking for an enthusiastic student with a background (master's degree) in biostatistics or statistics who is interested in developing and applying new biostatistical methodology. Knowledge of methods for repeated measurements/longitudinal data and Bayesian statistics is a prerequisite. A good command of the English language (especially writing) is also necessary. We offer a good working environment with a friendly atmosphere and constructive scientific supervision in the Department of Biostatistics of Erasmus MC, Rotterdam, the Netherlands. The department is well known for its expertise on methods for analyzing longitudinal data. The scholarship will, at least, cover subsistence allowance and an international airplane ticket. We're able to provide help with the scientific part of your scholarship proposal. 	<ul style="list-style-type: none"> English language requirement: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr J van Rosmalen	j.vanrosmalen@erasmusmc.nl					
EMC	Prof dr NMS de Groot	n.m.s.degroot@erasmusmc.nl	Department of Cardiology, section electrophysiology	Innovation in Diagnosis and Therapy of Cardiac Arrhythmias	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: <ul style="list-style-type: none"> English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)

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EMC	Prof D Huylebroeck, Dr E Mulugeta	d.huylebroeck@erasmusmc.nl	Department of Cell Biology	Systems/Omics approaches to study nuclear interpretation of BMP signaling in stem/progenitor cells: ZEB2	1	<ul style="list-style-type: none"> We are looking for highly motivated, talented students to join our international team. Master degree or MD. A fair scholarship that covers subsistence allowance and international air plane ticket. Working in the lab requires that the student has good communication skills. 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof D Huylebroeck	d.huylebroeck@erasmusmc.nl	Department of Cell Biology	Systems Biology of Signaling and Transcription Factors	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Eskeatnaf Mulugeta, Ph.D., MSc., MBT.,MBF. (principal investigator)	e.mulugeta@erasmusmc.nl					
EMC	Prof. dr. Ype Elgersma	y.elgersma@erasmusmc.nl	Department of Neuroscience	Gaining insight in the molecular mechanisms underlying neurodevelopmental disorders.	1	<ul style="list-style-type: none"> We are looking for highly motivated, talented students to join our international team. Master degree or MD. A fair scholarship that covers subsistence allowance and international air plane ticket. Working in the lab requires that the student has good communication skills. 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof. dr. R Hofstra	r.hofstra@erasmusmc.nl	Department of Clinical Genetics	Deciphering the role of Non-Coding DNA sequences in the genetics of neurodevelopmental disorders	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. S Barakat,	t.barakat@erasmusmc.nl					
EMC	Prof. Dr. W.W. de Herder	w.w.deherder@erasmusmc.nl	Dept Internal Medicine, Endocrinology	Discovery of novel biomarkers for gastroenteropancreatic neuroendocrine tumors	1	<ul style="list-style-type: none"> We are looking for a highly motivated and enthusiastic student to join our international team. The candidate should be a team player with good communication and writing skills and interested in translational cancer science Master degree or Medical Degree. Prior experience in molecular biology, bioinformatics and statistics is of significant added value. Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: fluently speaking and writing. English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. J. Hofland	j.hofland@erasmusmc.nl					
EMC	Prof. dr. AJ vd Lelij	j.visser@erasmusmc.nl	Dept Internal Medicine- Metabolism &	Understanding sex differences in	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD (with experience in molecular biology techniques) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement

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EMC	Dr. Ir. Jenny A. Visser	a.vanderleij@erasmusmc.nl	Metabolism & Reproduction	metabolism	1	<ul style="list-style-type: none"> Master degree or MD (with experience in molecular biology techniques) Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof. dr. R Peeters	r.peeters@erasmusmc.nl	Dept Internal Medicine, Endocrinology	Consequences of thyroid dysfunction for development, metabolism and aging	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is to use team work to tackle large scientific questions, thus requiring good communication skills. Projects are available focusing on epidemiology or molecular biology. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we can help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: no requirement English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. E Visser	w.e.visser@erasmusmc.nl					
EMC	Prof. dr. M. Kamran IKRAM	m.ikram@erasmusmc.nl	Department of Epidemiology	Vascular disease and autonomous dysregulation in Parkinson's Disease	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our international and multidisciplinary team. Due to the nature of the project and data, strong statistical skills and good communication skills are required. The student should have completed an MD or MSc in Neurosciences, Psychology, Health Sciences, Epidemiology, or a related field. Within the project the student will have access to the Rotterdam Study data, training in epidemiology and statistics, and the broader Erasmus MC research infrastructure. The scholarship will, at least, have to cover subsistence allowance and international air plane ticket. We are happy to help with the scientific part of your scholarship proposal, please contact prof.dr. M.K. Ikram (m.ikram@erasmusmc.nl) 	A good command of English is required (level of IELTS 7.0 (min 6.0 for all subs) or TOEFL 100 (min 20 for all subs).
EMC	Prof. dr. A Ikram	m.a.ikram@erasmusmc.nl	Department of Epidemiology	Integration of population-based omics data to explore molecular mechanisms underlying age-related diseases	1	<ul style="list-style-type: none"> We are looking for a highly motivated, bright student to join our international and multidisciplinary team. For this projects, using big data and often collaborating in consortia, we require strong statistical skills and good communication skills. The student should have an MD or Master degree in Biology, Epidemiology, Biostatistics or a related field, and should be fluent in We offer: Supervision, data access, advanced courses in genetic epidemiology and biostatistics, research infrastructure, and other training. Your salary and living expenses should be covered by the scholarship. We could help with the scientific part of the proposal. For more information related to this proposal, please contact dr. Mohsen Ghanbari (m.ghanbari@erasmusmc.nl). 	English (IELTS ≥ 7.0 (≥ 6.0 for all subs), TOEFL ≥ 100 (≥ 20 for all subs).
	Dr. Mohsen Ghanbari	m.ghanbari@erasmusmc.nl					

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EMC	• Prof.dr. M. Arfan Ikram	m.a.ikram@erasmusmc.nl	Department of Epidemiology	Deep Learning in Omics Data Analysis and Precision Medicine	1	<p>We are looking for a highly motivated, hardworking student to join our very international team. Successful candidates are expected to have a strong quantitative or computer science background, excel at critical thinking, with a strong motivation to engage in the development and application of advanced analytical methods.</p> <ul style="list-style-type: none"> • Master degree in mathematics, computer science, statistics, bioinformatics, physics, electrical engineering, or equivalent discipline. • Strong knowledge of Python and R. • Experience with machine learning and deep learning methods. • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) <p>We offer you:</p> <ul style="list-style-type: none"> - Access to the research infrastructure at Erasmus MC (including Rotterdam Study and related datasets) as well as access to our network of international collaborations (>25 countries) - A dedicated team of supervisors (prof. Ikram dr. Roshchupkin) with longstanding expertise in epidemiology, -omics, imaging, and deep learning - A supportive working environment within a team of dedicated, open and transparent colleagues - Overhead and material costs - Fees for relevant coursework and conferences 	<p><i>English speaking countries & Netherlands: no requirement</i></p> <p><i>- Other countries: IELTS 6.</i></p>
EMC	Prof. dr. M. Kamran IKRAM	m.ikram@erasmusmc.nl	Department of Epidemiology	Unravelling the role of vascular disease in depression	1	<ul style="list-style-type: none"> • We are looking for a highly motivated, hardworking student to join our international and multidisciplinary team. Due to the nature of the project and data, strong statistical skills, good communication skills, and an interest in medical imaging and mental health are required. • The student should have completed an MD or MSc in Neurosciences, Psychology, Health Sciences, Epidemiology, or a related field. • Within the project the student will have access to the Rotterdam Study data, training in epidemiology and statistics, and the broader Erasmus MC research infrastructure. The scholarship will, at least, have to cover subsistence allowance and international air plane ticket. We are happy to help with the scientific part of your scholarship proposal, please contact dr. Annemarie Luik at a.luik@erasmusmc.nl or dr. Daniel Bos at d.bos@erasmusmc.nl. 	<p>A good command of English is required (level of IELTS 7.0 (min 6.0 for all subs) or TOEFL 100 (min 20 for all subs).</p>
	Dr. Annemarie I. Luik, PhD	a.luik@erasmusmc.nl					
	Dr. Daniel Bos, MD, PhD	d.bos@erasmusmc.nl					
EMC	Prof. dr. A Ikram	m.a.ikram@erasmusmc.nl	Department of Epidemiology	Nutrition and Lifestyle and cardiometabolic health across the life course: a focus on underlying pathways and mechanisms	1	<ul style="list-style-type: none"> • We are looking for a highly motivated student to join our very international and multidisciplinary team. For these projects, using large datasets and in collaborations with various other research groups, strong statistical and good communication skills are required. • The candidate should have an MD or MSc degree in Health Sciences, Epidemiology, Biostatistics, Nutrition Science, or a related field. • We offer: Supervision by at least two supervisors, data access to cohort studies, advanced courses in epidemiology at our postgraduate research school NIHES, and other training. Your salary and living expenses should be covered by the scholarship. We are happy to discuss the details further with you directly and help with the scientific part of your proposal. Please contact dr. Trudy Voortman at trudy.voortman@erasmusmc.nl 	<p>Should be fluent in English (IELTS ≥ 7.0 (≥ 6.0 for all subs), TOEFL ≥ 100 (≥ 20 for all subs)).</p>
	Dr..ir. Trudy Voortman	trudy.voortman@erasmusmc.nl					

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EMC	Prof. Dr. Dirk J.G.M Duncker, MD	d.duncker@erasmusmc.nl	Dept of Epidemiology and Dept Cardiology	The failing heart: ageing-associated cardiovascular changes in women and men	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD – preferably with basic skills in laboratory molecular techniques and epidemiology Scholarship that will, at least, cover subsistence allowance and international airplane ticket (we could help with the scientific part of your scholarship proposal) 	<p>English language requirement:</p> <ul style="list-style-type: none"> English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Maryam Kavousi, MD, PhD	m.kavousi@erasmusmc.nl					
EMC	Prof. dr. A Ikram	m.a.ikram@erasmusmc.nl	Department of Epidemiology	Imaging the progression of arteriosclerosis; sex-specific causes and clinical consequences	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<p>English language requirement:</p> <ul style="list-style-type: none"> English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Maryam Kavousi, MD, PhD	m.kavousi@erasmusmc.nl					
	Dr. Daniel Bos, MD, PhD	d.bos@erasmusmc.nl					
EMC	Prof. dr. BW Koes	b.koes@erasmusmc.nl	'Musculoskeletal disorders' at the Department of General Practice	Diagnosis and prognosis of musculoskeletal disorders	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof. dr. SMA Bierma-Zeinstra	s.bierma-zeinstra@erasmusmc.nl	'Musculoskeletal disorders' at the Department of General Practice, and Orthopedic Surgery	The early diagnosis, prognosis and (subgroup specific) treatment of osteoarthritis	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using teamwork to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof. dr. Carla C. Baan	c.c.baan@erasmusmc.nl	Department of Internal Medicine	Exploiting the message from the kidney: the value of extracellular vesicles in transplant rejection	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)

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EMC	Prof. dr. Joyce B.J. van Meurs	j.vanmeurs@erasmusmc.nl	Department of Internal Medicine	Large scale functional population genomics to unravel mechanisms of locomotor diseases	1	<p>We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills.</p> <ul style="list-style-type: none"> • Master degree or MD • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> • English language requirement: <ul style="list-style-type: none"> ◦ English speaking countries & Netherlands: no requirement • Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Cindy Boer	c.boer@erasmusmc.nl					
EMC	Prof. dr. Eppo Wolvius	e.wolvius@erasmusmc.nl	Department of oral and maxillofacial surgery, special dental care and orthodontics	Oral health trajectories - individual, environmental and genetic determinants	1	<ul style="list-style-type: none"> • We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. • Research Master degree (public health, epidemiology or equivalent) or doctor of medicine (MD) or doctor of dentistry (DD) • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<p>English language requirement:</p> <ul style="list-style-type: none"> ◦ English speaking countries & Netherlands: no requirement ◦ Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Prof. dr. Fernando Rivadeneira	f.rivadeneira@erasmusmc.nl					
	Dr. Lea Kragt	l.kragt@erasmusmc.nl					
EMC	Prof. dr. Eppo Wolvius	e.wolvius@erasmusmc.nl	Department of oral and maxillofacial surgery, special dental care and orthodontics	Three-dimensional (3D) Facial Shape Analysis	1	<p>Background: Cell biology, molecular biology, biomedical, creative, punctual, enthusiastic, communicative</p> <ul style="list-style-type: none"> • Master degree or MD, animal experimentation permit is preferred. • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) • English language requirement: 	<p>English language requirement:</p> <ul style="list-style-type: none"> ◦ English speaking countries & Netherlands: no requirement ◦ Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Prof. dr. Fernando Rivadeneira	f.rivadeneira@erasmusmc.nl					
EMC	Prof. dr. Fernando Rivadeneira	f.rivadeneira@erasmusmc.nl	Department of Internal Medicine	Osteoporosis and Environmental Pollution assessed by a Multi-system Approach	1	<ul style="list-style-type: none"> • We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. • Master degree or MD • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<p>English language requirement:</p> <ul style="list-style-type: none"> ◦ English speaking countries & Netherlands: no requirement ◦ Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Ling Oei	h.l.d.w.oei@erasmusmc.nl					
	Dr. M. Carolina Medina Gomez	m.medinagomez@erasmusmc.nl					
EMC	Prof. dr. J van Leeuwen	j.vanleeuwen@erasmusmc.nl	Department of Internal Medicine, laboratory for calcium and bone metabolism	Integrative approach to study fracture healing	1	<p>Background: Cell biology, molecular biology, biomedical, creative, punctual, enthusiastic, communicative</p> <ul style="list-style-type: none"> • Master degree or MD, animal experimentation permit is preferred. • Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<p>English language requirement:</p> <ul style="list-style-type: none"> ◦ English speaking countries & Netherlands: no requirement ◦ Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Assoc Prof dr B van Eerden	b.vandereerden@erasmusmc.nl					

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EMC	Prof. Dr. Chris I. De Zeeuw	c.dezeeuw@erasmusmc.nl	Department of Neuroscience	Cerebro-cerebellar Interactions during Cognitive Processing	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our international team. Since we are tackling complex scientific questions regarding decision making, procedural learning, as well as memory disorders, we hope to find a student is willing to learn new techniques, has affinity with quantitative data analysis, and can communicate well. Master degree in (bio)physics or neuroscience, an engineering degree, or an MD. Scholarship that will cover subsistence allowance and international air plane ticket. 	<ul style="list-style-type: none"> English language requirement: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs). When writing the CSC proposal we will help with the scientific part of your scholarship proposal.
EMC	Dr. Zhenyu Gao	z.gao@erasmusmc.nl	Department of Neuroscience	Dissecting the brain-wide connectome for motor planning	1	<ul style="list-style-type: none"> We look for highly motivated students to join our multi-disciplinary team. We welcome students with Msc in biotechnology, neuroscience, bio-engineering, and other life sciences majors. Prior experience in molecular biology, imaging, electrophysiology and computational modelling is preferred, but not essential. Scholarship that will cover subsistence allowance and international air plane ticket. 	<ul style="list-style-type: none"> English language requirement: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs). When writing the CSC proposal we will help with the scientific part of your scholarship proposal.
EMC	Prof. Dr. Chris I. De Zeeuw	c.dezeeuw@erasmusmc.nl	Department of Neuroscience	Cerebellar differentiation in development of motor functions and neurodevelopmental disorders	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: <ul style="list-style-type: none"> o English speaking countries & Netherlands: no requirement o Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Martijn Schonewille	m.schonewille@erasmusmc.nl					
EMC	Prof. Dr. J. Gerard G. Borst	g.borst@erasmusmc.nl	Department of Neuroscience	Neuronal mechanisms underlying tinnitus	1	<ul style="list-style-type: none"> experience with in vivo recordings to join our international team. Master degree or MD with research experience. Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal). 	<ul style="list-style-type: none"> English language requirement: <ul style="list-style-type: none"> o English speaking countries & Netherlands: no requirement o Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
EMC	Prof. Dr. MA Frens	m.frens@erasmusmc.nl	Department of Neuroscience	Liquid biopsy in neurological disorders	1	<ul style="list-style-type: none"> o We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. o Master degree or MD o Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: <ul style="list-style-type: none"> o English speaking countries & Netherlands: no requirement o Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
				redicting cortical maturation and autism spectrum disorder from cerebellar and brain-wide structural imaging data	1		
EMC	Prof. Dr. MA Frens	m.frens@erasmusmc.nl	Department of Neuroscience	Visual-motor and visual vestibular interactions	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our international team. Our strength is to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: <ul style="list-style-type: none"> o English speaking countries & Netherlands: no requirement o Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Johan JM Pel, associate professor	j.pel@erasmusmc.nl					

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EMC	Prof. dr. Maikel Peppelenbosch	m.peppelenbosch@erasmusmc.nl	Department of Gastroenterology and Hepatology	Understanding the biological and therapeutic implications of stem cells liver cancer	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree (or MSc/MD) Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<p>English language requirement:</p> <ul style="list-style-type: none"> o English speaking countries & Netherlands: no requirement o Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Q Pan	q.pan@erasmusmc.nl		Antiviral therapy development against human coronavirus infections	1		
EMC	Prof. dr. Maikel Peppelenbosch	m.peppelenbosch@erasmusmc.nl	Department of Gastroenterology and Hepatology	Co-targeting of tumor-infiltrating T cells and NK cells to treat liver cancer and colorectal cancer	1	<ul style="list-style-type: none"> We are looking for a highly motivated student to join our international team. Master degree or MD with at least basic expertise in cell culture and flow cytometry. Scholarship that will cover subsistence allowance and international air plane ticket (we will help in writing the scientific part of your scholarship proposal). 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement. Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. J Kwekkeboom	j.kwekkeboom@erasmusmc.nl					
EMC	Prof. dr. J Martens	j.martens@erasmusmc.nl	Department of Medical Oncology	Unraveling the mechanisms underlying CHEK2 c.1100delC-driven breast tumorigenesis	1	<p>We are looking for a candidate with strong analytical and problem solving skills, being highly motivated and having excellent communication and writing skills and able to work independently. A background in cancer biology is of significant added value. Master degree in molecular/cellular biology or a related field. The candidate should have demonstrated excellent scientific writing and experimental laboratory skills.</p> <p>A scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal)</p>	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement. Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. Antoinette Hollestelle	a.hollestelle@erasmusmc.nl					
EMC	Prof. dr. J Martens	j.martens@erasmusmc.nl	Department of Medical Oncology	Cancer Computational Biology and its Clinical Value using Multiple State-of-the-art Omics Data of Prostate and Breast Cancer Patients.	1	<ul style="list-style-type: none"> We are looking for a candidate with strong analytical and problem solving skills, being highly motivated and having excellent communication and writing skills and able to work independently. A background in cancer biology is of significant added value. Master degree in bioinformatics, computational biology, statistics or a related field. The candidate should have demonstrated excellent scientific writing and software engineering skills in R and Perl or Python and preferably in Java. Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands): no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. Harmen van de Werken	ccbc@erasmusmc.nl					
EMC	Prof. dr. Régine P.M. Steegers-Theunissen	r.steegers@erasmusmc.nl	Department of Obstetrics and Gynaecology	Periconception mental health: development of monitoring and interventions.	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our international team. MD or MSc degree in Epidemiology, Health Sciences, Biostatistics or a related field. You have good communication skills and are a team player, but can also work independently. Experience in scientific research is a plus. Scholarship that will, at least, cover subsistence allowance and an international air plane ticket. 	<ul style="list-style-type: none"> English language requirement: <ul style="list-style-type: none"> o English speaking countries & Netherlands: no requirement. Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. Babette Bais	b.bais@erasmusmc.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
EMC	Prof. dr. Régine P.M. Steegers-Theunissen	r.steegers@erasmusmc.nl	Department of Obstetrics and Gynaecology	Periconceptional parental food intake: Intake of processed food and placenta-related outcome in mother, embryo and fetus	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our international team. MD or MSc degree in Epidemiology, Health Sciences, Biostatistics or a related field. You have good communication skills and are a team player, but can also work independently. <ul style="list-style-type: none"> Experience in scientific research is a plus. Scholarship that will, at least, cover subsistence allowance and an international air plane ticket. 	<ul style="list-style-type: none"> English language requirement: <ul style="list-style-type: none"> English speaking countries & Netherlands: no requirement. Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. Ir. Lenie van Rossem	l.vanrossem@erasmusmc.nl					
EMC	Prof. dr. Régine P.M. Steegers-Theunissen	r.steegers@erasmusmc.nl	Department of Obstetrics and Gynaecology	Preimplantation embryo quality: Periconception conditions and the development of the inner and outer cell mass of the preimplantation embryo.	1	<ul style="list-style-type: none"> We are looking for a highly motivated and talented student to join and enrich our international team. Furthermore: a master degree or MD, a fair scholarship that covers subsistence allowance and international air plane ticket, good communication skills 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. M. Rousian	m.rousian@erasmusmc.nl					
EMC	Prof. dr. Régine P.M. Steegers-Theunissen	r.steegers@erasmusmc.nl	Department of Obstetrics and Gynaecology	Obesity during pregnancy: the mechanistic role of the gut microbiome in maternal pregnancy course and fetal outcome	1	<ul style="list-style-type: none"> We are looking for a highly motivated and talented student to join and enrich our international team. The candidate preferably has a Master in molecular biology, microbiology or MD, a fair scholarship that covers subsistence allowance and international air plane ticket, good communication skills 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Dr. S. Schoenmakers	s.schoenmakers@erasmusmc.nl					
EMC	Prof. dr. A Houtsmuller	a.houtsmuller@erasmusmc.nl	Department of Pathology	project 1: Investigation the association between endothelial cells and mural cells in angiogenesis	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. As mice models are a major part of the experimental set-up affinity to work with animals is required. <ul style="list-style-type: none"> Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	English language requirement: <ul style="list-style-type: none"> English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Assoc Prof dr TLM ten Hagen	t.l.m.tenhagen@erasmusmc.nl		project 2: Investigating synchronization and impact of pericyte interacting with endothelial cells during	1		
	Dr A Seynaeve	a.seynhaeve@erasmusmc.nl					
EMC	Prof. dr. A Houtsmuller	a.houtsmuller@erasmusmc.nl	Department of Pathology	Understanding local and systemic progression of cancer with respect to tumor – stroma interaction and metastasis development.	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. <ul style="list-style-type: none"> Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> The student should be fluent in English (English speaking countries & Netherlands: no requirement; Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs).
	Assoc Prof. dr. TLM ten Hagen	t.l.m.tenhagen@erasmusmc.nl					
EMC	Prof. dr. A Houtsmuller	a.houtsmuller@erasmusmc.nl	Department of Pathology	Evaluation of immune stimulatory effect of heat and chemotherapy in hyperthermia triggered drug delivery	1	<ul style="list-style-type: none"> We are looking for a highly motivated, hardworking student to join our very international team. Our strength is in using team work to tackle large scientific questions and thus requires a student with good communication skills. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	English language requirement: <ul style="list-style-type: none"> English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Assoc Prof. dr. TLM ten Hagen	t.l.m.tenhagen@erasmusmc.nl					
	Dr. Mohamadreza Amin	M.amin@erasmusmc.nl					

School	Supervisor(s)	E-mail addresses	Department	Project Title	No. of positions	Required Background	English Requirements
EMC	Prof. dr. WJ Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam / Radiology	Neuroimage Analysis and Machine Learning	1	<ul style="list-style-type: none"> This project requires a highly motivated, hardworking candidate with good communication skills, who likes to become part of our international team. Master degree in a technical discipline preferably with an affinity for medical applications (medical physics, biomedical engineering, physics, computer science, engineering, ...) Scholarship that will, at least, cover subsistence allowance and international air plane ticket (we could help with the scientific part of your scholarship proposal) 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Assistant Prof. dr. Esther Bron	e.bron@erasmusmc.nl					
EMC	Prof. dr. WJ Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam / Radiology	Image Analysis and Machine Learning	1	<ul style="list-style-type: none"> This project requires a highly motivated, hardworking candidate with good communication skills, who likes to become part of our international team. Master degree in a technical discipline (physics, mathematics, computer science, engineering, etc.) Scholarship that will, at least, cover subsistence allowance and international air plane ticket 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Associate Professor Dr. ir. Stefan Klein	s.klein@erasmusmc.nl					
EMC	Prof. dr. WJ Niessen	w.niessen@erasmusmc.nl	Biomedical Imaging Group Rotterdam / Radiology	Federated Machine Learning in application for large-scale omics studies	1	<p>We are looking for a highly motivated, hardworking student to join our very international team. Successful candidates are expected to have a strong quantitative or computer science background, excel at critical thinking, with a strong motivation to engage in the development and application of advanced analytical methods.</p> <ul style="list-style-type: none"> Master degree in mathematics, computer science, statistics, bioinformatics, physics, electrical engineering, or in an equivalent discipline. Strong knowledge of: Python. Experience with machine learning and deep learning methods. Scholarship that will, at least, cover subsistence allowance and international air plane ticket 	<ul style="list-style-type: none"> English language requirement: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs). When writing the CSC proposal we will help with the scientific part of your scholarship proposal.
EMC	Prof. dr. G. Krestin	g.p.krestin@erasmusmc.nl	Department of Radiology & Nuclear Medicine / Advanced Musculoskeletal Imaging Research	Analysis of advanced musculoskeletal magnetic resonance imaging (MRI) data from clinical and population-based studies.	1	<ul style="list-style-type: none"> This project requires a highly motivated, hardworking candidate with good communication skills and an affinity with medical imaging and musculoskeletal disease. Given the flexibility in topic and clinical versus technical focus, we encourage candidates with various backgrounds including medical and technical (e.g. biomedical engineering, physics or bioinformatics) to apply. Master degree or MD Scholarship that will, at least, cover subsistence allowance and international air plane ticket 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Associate Professor Edwin H.G. Oei, MD, PhD	e.oei@erasmusmc.nl					
EMC	Prof. dr. Luc van der Laan	l.vanderlaan@erasmusmc.nl	Department of Surgery	Exploring the regenerative potential of liver organoids in liver transplantation	1	<ul style="list-style-type: none"> We are looking for a highly motivated PhD student who has received excellent scientific and practical training in the areas of stem cell biology, transplantation medicine and/or regenerative medicine to join our research team. We offer: Supervision, lab facilities and infrastructure, and training. We will cover Laboratory costs. As a candidate PhD student at Erasmus MC, your salary and living expenses will be covered by your University or Scholarship Council. 	<ul style="list-style-type: none"> English language requirement: English speaking countries & Netherlands: no requirement Other countries: IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)
	Dr. Monique Verstegen	m.verstegen@erasmusmc.nl					

Application procedure, requirements and deadlines:

<https://www.eur.nl/en/about-eur/erasmus-university-china-centre/csc-scholarship/prospective-phd-candidates>