

PhD Project Description

School/Department:	'Musculoskeletal disorders' at the Department of General Practice
Supervisor information:	<ul style="list-style-type: none"> • Prof dr BW Koes • Email: b.koes@erasmusmc.nl • Website: https://www.erasmusmc.nl/en/research/groups/general-practice • Personal Grants: <ul style="list-style-type: none"> - Advise and medical treatment of acute low back pain in primary care (NWO) - Medical treatment of sciatica in primary care (NWO) <p>Most important publications: Cochrane Database Sys Rev, 2020; 4(4):CD013581 BMJ, 2019; 367:l6273 The Lancet, 2018;391,10137 N Engl J Med, 2017;376(12):1111-1120 BMJ, 2012;344:e497 N Engl J Med, 2007;356(22):2245-56 Ann Intern Med, 2007;147(10):685-92</p>
Project Title:	Diagnosis and prognosis of musculoskeletal disorders
Abstract:	<p>Musculoskeletal disorders occur very frequently in primary care. The etiology, diagnosis and prognosis are often unknown, which hampers adequate management of patients presenting with these disorders in primary care.</p> <p>Our department is one of the international key-players in the field of musculoskeletal disorders in primary care. We are involved in a large number of cohort studies and clinical trials evaluating risk factors, the value of diagnostic- and therapeutic interventions, as well as studying the prognosis (and its determinants) of the most common musculoskeletal disorders presenting in primary care. This includes studies on low back pain, sciatica, neck and shoulder pain, knee pain (patellofemoral pain syndrome), ankle distortions, and osteoarthritis. We also study musculoskeletal disorders and sport injuries among the young and active individuals.</p> <p>Next to original research, the department is also active in writing systematic reviews and meta-analysis on these topics.</p> <p>The PhD-candidate will be active with (secondary) data-analysis, writing original research papers and systematic reviews within the field of musculoskeletal disorders in primary care.</p>
Requirements of candidate:	<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: • <i>English speaking countries & Netherlands:</i> no requirement • <i>Other countries:</i> IELTS 7.0 (min 6.0 for all subs), TOEFL 100 (min 20 for all subs)

Application requirements & Deadlines:

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

Erasmus MC, ranked world

* No.32 for Clinical Medicine US News 2020:

<https://www.usnews.com/education/best-global-universities/clinical-medicine?page=3>

* No. 30 Nature Index for Biomedical Sciences 2019:

<https://www.natureindex.com/supplements/nature-index-2019-biomedical-sciences/tables/healthcare>