

## Curriculum Vitae

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### Personal information

Surname: Oei  
Given names: Hwee Ling Dian Widyarini (First name: Ling)  
Sex: Female  
Date of birth: October 27, 1983  
Place of birth: Gouda, The Netherlands  
Residence: Berkel en Rodenrijs, The Netherlands  
Citizenship: Dutch  
Marital status: Married



### Current employment

2018-present Assistant Professor, Departments of Internal Medicine and Epidemiology, Erasmus University Medical Center, Rotterdam, The Netherlands.  
Radiogenomics and exposomics of endocrine bone diseases  
2020-present Leiden University Medical Center, part-time appointment  
2021-present Internist-endocrinologist, Van Weel-Bethesda Hospital, part-time appointment  
2021-present Internist-endocrinologist, Osteoporosis Specialist, Jan van Goyen Medical Center, part-time appointment

### Education and training

2018-2020 Fellowship Endocrinology, Erasmus University Medical Center Rotterdam, The Netherlands.  
Supervisor: Dr. R.A. Feelders MD PhD  
2014-2020 Residency Internal Medicine, Erasmus University Medical Center, Rotterdam, The Netherlands.  
Supervisors: Dr. A.A.M. Zandbergen MD PhD  
Dr. R.A. Feelders MD PhD  
2019 Visiting fellow, Department of Medicine, Endocrinology, Aarhus, Denmark (1 month)  
Supervisor: Prof. dr. B.L. Langdahl MD PhD  
2017 Young Female Career Development, Erasmus MC. (One successful talent selected per department; meeting trajectory)  
2016-2017 Post-doctoral scholar, Departments of Internal Medicine and Epidemiology, Erasmus University Medical Center, Rotterdam, The Netherlands.  
2010-2016 PhD student, Departments of Internal Medicine and Epidemiology, Erasmus University Medical Center, Rotterdam, The Netherlands.  
Thesis title: Epidemiological, radiological and genetic aspects of endocrine bone diseases

Supervisors: Dr. F. Rivadeneira MD PhD  
 Prof. dr. A.G. Uitterlinden PhD  
PhD degree 2016, Cum Laude, with honors  
 2013 Post-doctoral scholar, Department of Genetics, Stanford University, Stanford, USA.  
 Supervisor: Prof. dr. M. Snyder PhD  
 Visiting physician, Department of Medicine, Endocrinology, Stanford University, Stanford, USA.  
 Supervisors: Prof. dr. F. Kraemer MD PhD  
 Dr. J.Y. Wu MD PhD  
 2010-2012 The Netherlands Institute for Health Sciences (NIHES), Erasmus University Rotterdam:  
 Master of Science (MSc) in Health Sciences;  
 Specialization: Genetic Epidemiology  
 Supervisors: Dr. F. Rivadeneira MD PhD  
 Prof. dr. A.G. Uitterlinden PhD  
MSc degree 2012  
 2002-2009 Leiden University, Faculty of Medicine, The Netherlands.  
 2009 Senior Clerkship Endocrinology, Leiden University Medical Center (LUMC), Department of Internal Medicine.  
 Supervisor: Prof. dr. J.W.A. Smit MD PhD  
MD (Medical Doctor) degree 2009  
 2002-2009 Leiden University, Faculty of Chinese Studies, The Netherlands.  
 BA degree 2006  
MA degree 2009  
 2004-2005 Full scholarship for one year of studies at Beijing University, China.  
 1995-2002 Coornhert Gymnasium (grammar school), Gouda, The Netherlands.  
 Diploma 2002. Cum laude

### **Clinical experience**

2018-2020 Fellowship Endocrinology, Erasmus University Medical Center Rotterdam, The Netherlands.  
 2014-2020 Residency Internal Medicine, Erasmus University Medical Center, Rotterdam, The Netherlands.  
 (2018-2019: Maasstad Hospital, parttime, Rotterdam, The Netherlands  
 (2014-2016: IJsselland Hospital, Capelle aan den IJssel, The Netherlands)  
 2011-2012 Resident, outpatient clinic, Department of Internal Medicine, Erasmus University Medical Center, Rotterdam, The Netherlands.  
 Supervisor: Dr. M.C. Zillikens MD PhD  
 2013 Visiting scholar, Department of Endocrinology and Metabolism, Stanford, United States. Dr. Joy Y. Wu MD PhD  
 2014-present Clinical care in wards and emergency room for internal

medicine, cardiology, pulmonary medicine, gastroenterology, intensive care

### **Committee activities**

2020-present	Undiagnosed Disease Network International (UDNI) Member, Website and Communications Working Group Member
2020-present	European Calcified Tissue Society, Social Media Task Force Member
2019-present	Fragility In Diabetes in Europe – towards a personalised medicine approach (FIDELIO) consortium, Supervisory Board; Communication and Dissemination Committee
2019-present	European Calcified Tissue Society, Inter-Academy Task Force
2019-present	European Calcified Tissue Society, East Meets West Committee Member
2019	European Calcified Tissue Society Annual Meeting Report Committee Member

### **Research experience**

2021-present	Osteoporosis, Environmental Exposomics and Radiological Imaging Study: a case-control study: principal investigator
2017-present	Dutch Association for Endocrinology-Endocrine Bone group: participating member
2010-2014	Genetic and general epidemiology studies in musculoskeletal and endocrine diseases (osteoporosis, diabetes, etc.)

UDNI consortium:

- Participation in diagnostic working group

GEFOS and GENOMOS Consortia:

- General coordination

- Co-organizing meetings: [2010 (Glasgow, Great Britain, 27 participants), (Toronto, Canada, 40 participants); 2011 (Athens, Greece, 30 participants), (San Diego, USA, 52 participants, including audio-visual and catering); 2012 (Minneapolis, USA); 2013 (Baltimore, USA)

- Set-up and coordination of all-type of fracture working group

- Set-up and coordination of vertebral fracture working group

CHARGE Consortium:

- Participation in musculoskeletal working group

Netherlands Consortium for Healthy Aging (NCHA) (finished):

- Participation in musculoskeletal working group

Erasmus Rotterdam Health Research (ERGO) and Generation R cohort studies:

- Co-coordination of musculoskeletal measurements, including: acquisition of DXA, pQCT, mechanograph, grip strength; overseeing incidental findings on DXA scans; data cleaning of DXA scans
- Coordination of digitization of radiographs (ERGO) (finished)
- Coordination of radiographic spine assessments (ERGO) (finished)

2005-2009 Research assistant LUMC, Departments of Internal Medicine and Radiology. Participation in projects supervised by internist-endocrinologists prof. dr. J.A. Romijn MD PhD, prof. dr. J.W.A. Smit MD PhD, dr. N.R. Biermasz MD PhD, and radiologist dr. J.W.R. van der Meer MD PhD in the fields of:

- Effects of thyroid carcinoma treatment on lipid metabolism
- Altered heart function in type 2 diabetes patients
- Glucose metabolism in acromegaly patients

### Work experience

2004-2013 Wushu Students Federation, President.  
 2001-2010 Dutch national Wushu team athlete (best ranking: 5th world, 3rd Europe, 1st national), Netherlands Olympic Committee B topsporter, Netherlands athletic committee member.  
 2004-2009 International certified instructor and judge Wushu and Taiji (Chinese Martial Arts), Leiden University Sports Center.  
 2006-2007 Research assistant, Leiden University Medical Center (LUMC), Departments of Internal Medicine and Radiology.  
 Supervisors: Prof. dr. J.W.A. Smit MD PhD  
 Prof. dr. J.A. Romijn MD PhD  
 2002-2004 Instructor in physics, chemistry and mathematics at exam course  
 Leiden for high school students.  
 1995-2007 Assistant in dentist clinic

### Education and teaching

2017, 2019 Erasmus MC, tutor for medical interns  
 2015-2016 IJsselland hospital, educational committee member

- Teacher for Erasmus University medical school journal club on diabetes and compulsory education on thyroid disease (2011, 2012, 2018, 2019 medicine; 2019 study clinical technology) and adrenal disease (2018 medicine)
- Teacher for Genomic and Molecular Epidemiology track of the Netherlands Institute for Health Sciences (Nihes) MSC program
- Coach for SNP course (Molecular Medicine Research School)

### Private teaching

- Lecturer for Health Investment general practitioner education on "Hypercalcemia in Primary Practice"; "Environmental pollution in relation to Health"; "Osteoporosis and Bone Diseases" (2021)

### Academic staff supervised

		Numbers		
<b>PhDs</b>		Formal role	Informal role	Clarification
Ongoing -Internal	5: Samuel Ghatan Fjorda Koromani; Jiawei Li, Xinpeng He	5		Co-supervision of specific research projects and advising in longer term plans
Ongoing -External	2: Joana Lima Ferreira, University of Oporto, Portugal; Maria Christou University of Ioannina, Greece	1	1	Co-supervision of specific research project
Subtotal PhDs	7	6	1	
<b>Postdocs</b>				
Subtotal postdocs	0			
<b>Master students</b>				
Subtotal master students	7	<p>-Official supervisor of 4 students, where I had attracted the students and had designed the studies, taught analysis methods, and supervised the scientific presentations and writing of the theses and publication of peer-reviewed articles. (Stephan Breda; Salih El Saddy; Ater Makhurtou; Satya Ramcharan)</p> <p>-Co-supervisor of 3 students, where I provided input and feedback on request by their official supervisors. (Khadija Moumni; Sema Ozdemir; Sebastian Valk Bonilla)</p>		
<b>Other</b>				
Subtotal other	2014-present  2019-2020  2017 2017: 1 2017-2020: 4 1  2  13	<p>Intensive supervision of medical interns in internal medicine, 1-2 interns every few weeks (Erasmus MC, LUMC, Van Weel-Bethesda Hospital)</p> <p>Supervision of fellows in endocrinology and internist-endocrinologists from abroad in the out-patient-clinic</p> <p>Grand rounds and bedside teaching of medical students</p> <p>Supervision of international exchange intern</p> <p>Personal tutor for medical interns</p> <p>Supervision of a student voluntarily writing an abstract for poster presentation at an American conference</p> <p>Supervision of a student working team working on data cleaning of DXA scans in Erasmus Rotterdam Health Research (ERGO) and Generation R studies.</p>		

	15	Supervision of a student working team working on digitization of radiographs in the ERGO study. Supervision of a student working team working on vertebral fracture assessment in the ERGO study.
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## Awards/Grants

2021	CSC research support for two PhD students from China
2019	Erasmus MC fellowship-clinical research track. € 400,000
2019	HORIZON2020 Grant Training network for research into bone Fragility In Diabetes in Europe – towards a personalised medicine approach. € 3,800,000 of which €531,240 assigned to the Erasmus MC site, of which € 265,620 assigned to as lead supervisor
2019	European Congress of Radiology, my3T Best Presentation Award
2018	Dutch Bone and Mineral Society Best Thesis Award runner-up.
2018	International Federation of Musculoskeletal Research Societies Exchange Grant. \$ 2,500
2018	European Calcified Tissue Society Academy Grant. € 5,000
2018	European Society of Endocrinology Examination Grant. € 325
2017	Dutch Association of Endocrinology Goodlife Healthcare Travel Grant. €1,000
2017	European Society of Endocrinology Travel Grant. € 400
2017	Young female career development programme Erasmus MC. € 375
2016	Thesis printing support. Trust Fonds, Erasmus MC Department of Internal Medicine, Amgen, NVCB Dutch Bone and Mineral Society, Pfizer, Boehringer Ingelheim, Anna Fonds, Scholten-Cordes Fonds, Chipsoft, ABN AMRO. €3,560
2013	American Society of Bone Mineral Research (ASBMR) Travel Grant. \$ 500
2013	Dutch Association of Endocrinology Goodlife Healthcare Travel Grant. €2,000
2013	Simons Fund Foundation. Fellowship subsidy €1,200
2013	Erasmus University Trust Fund. Postdoctoral fellowship subsidy €3,000
2012	Dutch Bone and Mineral Society Best Presentation Award. €500
2012	Endocrine Fellows Foundation/American Diabetes Association (EFF/ADA) Fellows Forum Meeting Support. \$ 1,479
2012	American Society of Bone Mineral Research (ASBMR) Travel Grant. \$ 500
2011	Endocrine Fellows Foundation/American Diabetes Association (EFF/ADA) Fellows Forum Meeting Support. \$ 1,228
2011	American Society of Bone Mineral Research (ASBMR) Travel Grant. \$ 500
2011	Gordon Research Conference Travel Support. \$800
2011	European Calcified Tissue Society Travel Grant. €300
2011	Dutch Association of Endocrinology Goodlife Healthcare Travel Grant. €625
2010	American Society of Bone Mineral Research (ASBMR) Young Investigator Award. \$1,000

2008	Novartis grant for attendance of the European Atherosclerosis Society Congress in Istanbul, Turkey. €500
2004	Beijing University international students Chinese language competition, best speech, 3 <sup>rd</sup> prize.
2004	Full scholarship for one year of studies at Beijing University. €10,000
2003	Hanyuqiao, Chinese language competition Leiden University, best speech, 3 <sup>rd</sup> prize.
Prizes awarded to mentees	
Samuel Ghatan	European Conference for Endocrinology, Top e-poster 2021
Fjorda Koromani	European Calcified Tissue Society New Investigator Award 2019
Satya Ramcharan	European Congress of Radiology, Student Session Selection, 2019 (Free registration, accomodation, and travel grant €400)
Salih El Saddy	Erasmus Trust Fund Travel Grant to the European Calcified Society Annual Meeting, Stockholm, Sweden, 2012.
Felisia Ly	Erasmus Trust Fund Travel Grant to the American Society of Bone and Mineral Research Annual Meeting, San Diego, United States, 2011.

### **Editorial Boards of Scientific Journals and Organizations**

2018-present	International Federation of Musculoskeletal Research Societies (IFMRS), HubLE committee
2013-2014	Gene, Associate Editor: sixteen manuscripts

### **Reviewing**

BMC Musculoskeletal Disorders (2014): one manuscript  
 BMJ Case Reports (2017): one manuscript  
 BMJ Open (2016, 2020): two manuscripts  
 Bone (2016, 2020): two manuscripts  
 Bone Reports (2017, 2020): two manuscripts  
 British Medical Journal (2015): one manuscript  
 Calcified Tissue International (2012, 2013, 2017, 2020): four manuscripts  
 Dutch Journal of Medicine (2020): one manuscript  
 Endocrine (2019): one manuscript  
 Endocrine Regulations (2020): one manuscript  
 European Journal of Epidemiology (2010, 2012, 2017): three manuscripts  
 European Journal of Endocrinology (2017): one manuscript  
 European Journal of Radiology (2016): one manuscript  
 Gene (2011, 2012, 2013): twelve manuscripts  
 International Journal of Epidemiology (2017): one manuscript  
 Joint Bone Spine (2013): one manuscript  
 Journal of Clinical Endocrinology and Metabolism (2014, 2020): two manuscripts  
 Journal of Clinical Densitometry (2017): one manuscript  
 Journal of Bone and Mineral Research (2013, 2015, 2016, 2020): four manuscripts  
 Netherlands Journal of Medicine (2017): one manuscript  
 New England Journal of Medicine (2012): one manuscript

OBM Geriatrics (2019): one manuscript  
Osteoporosis International (2012, 2016, 2020, 2021): four manuscripts  
Plos One (2012, 2013): three manuscripts  
Radiology (2021): one manuscript  
Scientific reports (2017): one manuscript

American Society for Bone and Mineral Research (2014, 2015): Annual Meeting Abstracts  
European Calcified Tissue Society Meeting (2019, 2020): Annual Meeting Abstracts  
Netherlands Institute for Health Sciences Master of Science Program (2017): Master's degree thesis

### Conference Session Chairing and Moderating

European Calcified Tissue Society Meeting: 2015 (Rotterdam, The Netherlands), 2019 (Budapest, Hungary), 2020 (Marseille, France, Live Virtual Event), 2021 (virtual).  
FIDELIO consortium webinar (2021)  
Dutch Bone and Mineral Society Meeting: 2016 Best Presentation Award Committee (Zeist, The Netherlands)

### Publications

H-index 24

\* = These authors contributed equally to this work

Published

Senior authorship

1. Ayub N, Faraj M, Ghatan S, Reijers JAA, Napoli N, **Oei L**. Review The Treatment Gap in Osteoporosis. *Journal of Clinical Medicine*. 2021.
2. Koromani F, Ghatan S, van Hoek M, Zillikens MC, Oei EHG, Rivadeneira F, **Oei L**. Type 2 diabetes mellitus and vertebral fracture risk. *Curr Ost Rep*. 2021. PMID: 33432548
3. Koromani F, Trajanoska K, Rivadeneira F, **Oei L**. Recent Advances in the Genetics of Fractures in Osteoporosis. *Frontiers in Endocrinology*. 2019.
4. Trajanoska K, Schoufour JD, de Jonge EAL, Kieboom BCT, Mulder M, Stricker BH, Voortman T, Uitterlinden AG, Oei EHG, Arfan Ikram M, Carola Zillikens M, Rivadeneira F, **Oei L**. Fracture incidence and secular trends between 1989 and 2013 in a population based cohort: The Rotterdam Study. *Bone*. 2018 Sep;114:116-124. PMID: 29885926
5. Oei EH, Koromani F, Rivadeneira F, **Oei L**. Response to Osteoporotic Vertebral Fracture Prevalence Varies Widely. *J Bone Miner Res*. 2018 Jul 16. PMID: 30011100

First authorship

6. Appelman NA, **Oei L**, Vlug AG, Winter EM. The effect of osteoporosis treatment on bone mass. *Best Practice & Research Clinical Endocrinology & Metabolism*. 2022 Feb 9;101623 doi: 10.1016/j.beem.2022.101623 PMID: 35219602
7. Trajanoska K\*, Morris JA\*, **Oei L\***, Zheng HF\*, Evans DM\*\*, Kiel DP\*\*, Ohlsson C\*\*, Richards JB\*\*, Rivadeneira F\*\*; GEFOS/GENOMOS consortium and the 23andMe research team. Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. *BMJ*. 2018 Aug 29;362:k3225. doi: 10.1136/bmj.k3225. PMID: 30158200. Impact Factor: 27.604
8. **Oei L\***, Koromani F\*, Breda SJ, Schousboe JT, Clark EM, van Meurs JB, Ikram MA, Waarsing JH, van Rooij FJ, Zillikens MC, Krestin GP, Oei EHG\*\*, Rivadeneira F\*\*.



- Osteoporotic Vertebral Fracture Prevalence Varies Widely Between Qualitative and Quantitative Radiological Assessment Methods: The Rotterdam Study. *J Bone Miner Res.* 2017 Jul 18. PMID: 28719143. Impact Factor: 6.284
9. **Oei L**, Koromani F, Rivadeneira F, Zillikens MC, Oei EHG. Quantitative imaging in osteoporosis. *Quantitative Imaging in Medicine and Surgery.* 2016 Dec;6(6):680-698. PMID: 28090446. Impact Factor: -
  10. **Oei L**, van den Meiracker AH, Oei EHG, Moelker A, van Leenders GJLH, Rikken B, Verhagen P, Clahsen-van Groningen MC, van der Wiel HE. Reninoma: a Rare Cause of Curable Hypertension and Hypokalemia. *Am J Med.* 2016 Apr 18. PMID: 27103051. Impact Factor: 5.610
  11. **Oei L**, Zillikens MC, Rivadeneira F, Oei EHG. Osteoporotic vertebral fractures as part of systemic disease. *J Clin Densitom.* 2016 Jan;19(1):70-80. (Invited Review). PMID: 26376171. Impact Factor: 2.644
  12. **Oei L**, Zillikens MC, Rivadeneira F, Oei EHG. Genetics of osteoporotic vertebral fractures. *J Clin Densitom.* 2016 Jan;19(1):23-8. (Invited Review). PMID: 26376172. Impact Factor: 2.644
  13. **Oei L**, Rivadeneira F, Zillikens MC, Oei EHG. Diabetes, diabetic complications, and fracture risk. (Invited Review). *Curr Osteoporos Rep.* 2015 Apr;13(2):106-15. PMID: 25648962. Impact Factor: 2.890
  14. Esplin E\*, **Oei L\***, Snyder MP. Personalized sequencing and the future of medicine: discovery, diagnosis, and defeat of disease. (Invited Review). *Pharmacogenomics.* 2014 Nov;15(14):1771-1790. PMID: 25493570. Impact Factor: 3.218
  15. **Oei L**, Hsu YH, Styrkarsdottir U, Nandakumar K, Eussen BH, de Klein A, Peters MJ, Halldorsson B, Liu CT, Alonso N, Kaptoge SK, Thorleifsson G, Hallmans G, Hocking LJ, Husted LB, Jameson KA, Kruk M, Lewis JR, Patel MS, Scollen S, Svensson O, Trompet S, van Schoor NM, Zhu K, Buckley BM, Cooper C, Ford I, Goltzman I, González-Macías J, Langdahl BL, Leslie WD, Lips P, Lorenc RS, Olmos JM, Pettersson-Kymmer U, Reid DM, Riancho JA, Slagboom PE, Garcia-Ibarbia C, Ingvarsson T, Johannsdottir H, Luben R, Medina-Gómez MC, Arp P, Nandakumar K, Palsson STh, Sigurdsson G, van Meurs JBJ, Zhou Y, Hofman A, Jukema JW, Pols HAP, Prince RL, Cupples LA, Marshall CR, Pinto D, Sato D, Scherer SW, Reeve J, Thorsteinsdottir U, Karasik D, Richards JB, Stefansson K, Uitterlinden AG, Ralston SH, Ioannidis JPA, Kiel DP, Rivadeneira F, Estrada K. A genome-wide copy number association study of osteoporotic fractures points to the 6p25.1 locus. *Journal of Medical Genetics.* 2014 Feb;51(2):122-31. PMID: 24343915. Impact Factor: 6.335
  16. **Oei L**, Estrada K, Duncan EL, Christiansen C, Liu CT, Langdahl BL, Obermayer-Pietsch B, Riancho JA, Prince RL, van Schoor NM, McCloskey EV, Hsu YH, Evangelou E, Ntzani EE, Evans DM, Alonso N, Husted LB, Valero C, Hernandez JL, Lewis JR, Kaptoge SK, Zhu K, Cupples LA, Medina-Gómez MC, Vandenput L, Kim GS, Lee SH, Castaño-Betancourt MC, Oei EHG, Martinez J, Anna Daroszewska A, van der Klift M, Mellström D, Herrera L, Karlsson MK, Hofman A, Ljunggren O, Pols HAP, Stolk L, van Meurs JBJ, Ioannidis JPA, Zillikens MC, Lips P, Karasik D, Uitterlinden AG, Styrkarsdottir U, Brown MA, Koh J, Richards JB, Reeve J, Ohlsson C, Ralston SR, Kiel DP, Rivadeneira F. Genome-wide association study for radiographic vertebral fractures: a potential role for the 16q24 BMD locus. *Bone.* 2014 Feb;59:20-7. PMID: 24516880. Impact Factor: 3.973
  17. **Oei L**, Campos-Obando N, Dehghan A, Oei EHG, Stolk L, van Meurs JBJ, Hofman A, Pols HAP, Uitterlinden AG, Franco OH, Zillikens MC, Rivadeneira F. Dissecting the relationship between high-sensitivity serum C-Reactive protein and increased fracture

- risk: the Rotterdam Study. *Osteoporosis International*. 2013 Dec 13. PMID: 24337661. Impact Factor: 4.165
18. **Oei L**, Ly F, El Saddy S, Makurthou AA, Hofman A, van Rooij FJA, Uitterlinden AG, Zillikens MC, Rivadeneira F, Oei EHG. Multi-functionality of computer-aided quantitative vertebral fracture morphometry analyses. *Quantitative Imaging in Medicine and Surgery*. 2013 Oct;3(5):249-255. PMID: 24273742. Impact Factor: -
  19. **Oei L**, Zillikens MC, Dehghan A, Buitendijk GHS, Castaño-Betancourt MC, Estrada K, Stolk L, Oei EHG, van Meurs JBJ, Janssen JAMJL, Hofman A, van Leeuwen JPTM, Witteman JC, Pols HAP, Uitterlinden AG, Klaver CCW, Franco OH, Rivadeneira F. High bone mineral density and fracture risk in type 2 diabetes as skeletal complications of inadequate glucose control: the Rotterdam Study. *Diabetes Care*. 2013 Jun;36(6):1619-28. PMID: 23315602. Impact Factor: 8.570
  20. **Oei L**, Ly F, Breda SJ, Zillikens MC, Uitterlinden AG, Krestin GP, Rivadeneira F, Oei EHG. Review of Radiological Scoring Methods of Osteoporotic Vertebral Fractures for Clinical and Research Settings. *European Radiology*. 2013 Feb;23(2):476-86. PMID: 22892721. Impact Factor: 4.338
  21. Estrada K\*, Styrkarsdottir U\*, Evangelou E\*, Hsu YH\*, Duncan EL\*, Ntzani EE\*, **Oei L\***, Albagha OM, Amin N, Kemp JP, Koller DL, Li G, Liu CT, Minster RL, Moayyeri A, Vandenput L, Willner D, Xiao SM, Yerges-Armstrong LM, Zheng HF, Alonso N, Eriksson J, Kammerer CM, Kaptoge SK, Leo PJ, Thorleifsson G, Wilson SG, Wilson JF, Aalto V, Alen M, Aragaki AK, Aspelund T, Center JR, Dailiana Z, Duggan DJ, Garcia M, Garcia-Giralt N, Giroux S, Hallmans G, Hocking LJ, Husted LB, Jameson KA, Khusainova R, Kim GS, Kooperberg C, Koromila T, Kruk M, Laaksonen M, Lacroix AZ, Lee SH, Leung PC, Lewis JR, Masi L, Mencej-Bedrac S, Nguyen TV, Nogues X, Patel MS, Prezelj J, Rose LM, Scollen S, Siggeirsdottir K, Smith AV, Svensson O, Trompet S, Trummer O, van Schoor NM, Woo J, Zhu K, Balcells S, Brandi ML, Buckley BM, Cheng S, Christiansen C, Cooper C, Dedoussis G, Ford I, Frost M, Goltzman D, González-Macías J, Kähönen M, Karlsson M, Khusnutdinova E, Koh JM, Kollia P, Langdahl BL, Leslie WD, Lips P, Ljunggren Ö, Lorenc RS, Marc J, Mellström D, Obermayer-Pietsch B, Olmos JM, Pettersson-Kymmer U, Reid DM, Riancho JA, Ridker PM, Rousseau F, Slagboom PE, Tang NL, Urreizti R, Van Hul W, Viikari J, Zarrabeitia MT, Aulchenko YS, Castano-Betancourt M, Grundberg E, Herrera L, Ingvarsson T, Johannsdottir H, Kwan T, Li R, Luben R, Medina-Gómez C, Palsson ST, Reppe S, Rotter JI, Sigurdsson G, van Meurs JBJ, Verlaan D, Williams FM, Wood AR, Zhou Y, Gautvik KM, Pastinen T, Raychaudhuri S, Cauley JA, Chasman DI, Clark GR, Cummings SR, Danoy P, Dennison EM, Eastell R, Eisman JA, Gudnason V, Hofman A, Jackson RD, Jones G, Jukema JW, Khaw KT, Lehtimäki T, Liu Y, Lorentzon M, McCloskey E, Mitchell BD, Nandakumar K, Nicholson GC, Oostra BA, Peacock M, Pols HA, Prince RL, Raitakari O, Reid IR, Robbins J, Sambrook PN, Sham PC, Shuldiner AR, Tylavsky FA, van Duijn CM, Wareham NJ, Cupples LA, Econs MJ, Evans DM, Harris TB, Kung AW, Psaty BM, Reeve J, Spector TD, Streeten EA, Zillikens MC, Thorsteinsdottir U, Ohlsson C, Karasik D, Richards JB, Brown MA, Stefansson K, Uitterlinden AG\*\*, Ralston SH\*\*, Ioannidis JPA\*\*, Kiel DP\*\*, Rivadeneira F\*\*. Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. *Nature Genetics*. 2012 Apr 15;44(5):491-501. PMID: 22504420. Impact Factor: 35.209
  22. Ma L\*, **Oei L\***, Jiang L, Estrada K, Chen H, Wang Z, Yu Q, Zillikens MC, Gao X, Rivadeneira F. Association Between Bone Mineral Density and Type 2 Diabetes Mellitus: A Meta-analysis of Observational Studies. *European Journal of Epidemiology*. 2012 May;27(5):319-32. PMID: 22451239. Impact Factor: 5.118

23. Foessel I, Bassett D, Bjørnerem A, Busse B, Calado AM, Chavassieux P, Christou M, Douni E, Fiedler I, Fonseca JE, Hassler E, Högler W, Kague E, Karasik D, Khashayar P, Langdahl BL, Leitch VD, Lopes P, Markozannes G, McGuigan F, Medina-Gomez MC, Ntzani EE, **Oei L**, Ohlsson C, Szulc P, Tobias JH, Trajanoska K, Tuzun S, Valjevac A, van Rietbergen B, Williams GR, Zekic T, Rivadeneira F, Obermayer-Pietsch B. Bone phenotyping approaches in human, mice and zebrafish – expert overview of the EU Cost Action GEMSTONE (“Genomics of MusculoSkeletal traits Translational Network”). *Frontiers Endocrinology*. 2021
24. Prior JC, Oei EHG, Brown JP, **Oei L**, Koromani F, Lentle BC. Where’s the Break? Critique of Radiographic Vertebral Fracture Diagnostic Methods. *Osteoporosis International*. 2021
25. Li R, Boer C, **Oei L**, Medina-Gomez C. The Gut Microbiome: A New Frontier in Musculoskeletal Research. *Curr Ost Rep*. 2021
26. Ghatan S\*, Costanini A\*, Li R, de Bruin C, Appelman NM, Winter EM, **Oei L\***, Medina-Gomez C\*. The polygenic and monogenic basis of paediatric fractures. *Curr Ost Rep*. 2021
27. Rønn SH, Harsløf T, **Oei L**, Pedersen SB, Langdahl BL. The effect of vitamin MK-7 on bone mineral density and microarchitecture in postmenopausal women with osteopenia, a 3-year randomized, placebo-controlled clinical trial. *Osteoporosis International*. 2020. PMID: 33030563
28. Winter EM, Ireland A, Butterfield NC, Haffner-Luntzer M, Horjacada MN, Veldhuis-Vlug AG, **Oei L**, Colaianni G, Bonnet G. Pregnancy and lactation, a challenge for the skeleton. *Endocrine Connections*. 2020.
29. Koromani F, **Oei L**, Shevroja E, Trajanoska K, Schoufour J, Muka T, Franco OH, Ikram MA, Zillikens MC, Uitterlinden AG, Krestin GP, Anastassiades T, Josse R, Kaiser SM, Goltzman D, Lentle BC, Prior JC, Leslie WD, McCloskey E, Lamy O, Hans D, Oei EH, Rivadeneira F. Vertebral Fractures in Individuals With Type 2 Diabetes: More Than Skeletal Complications Alone. *Diabetes Care*. 2020. PMID: 31658976. IF: 13.4
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53. **Oei L**, Estrada K, Medina-Gomez MC, Rivadeneira F. (Invited Article). Update on the Genetic Basis of Disorders of the Musculoskeletal System: Meeting Report from the 3rd Joint Meeting of the European Calcified Tissue Society and the International Bone and Mineral Society. Bonekey Meeting Reports. 2011 Oct. Impact Factor: -
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As collaborator

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In preparation

56. Ghatan S, Xiao T, Trajanoska K, **Oei L**, Petrosi P, Hodges A, Ikram MA, Rivadeneira F. Assessing the utility of Bone Mineral Density as an early Biomarker for Alzheimer's Disease and Dementia (In preparation)
57. **Oei L**, Koromani F, Wu JY, Oei EHG, Rivadeneira F, Uitterlinden AG, Ioannidis JP, Snyder MP, Patel CJ. Systematic screening for environmental and behavioral determinants identifies factors detrimental to skeletal health. (In preparation)

58. Atanasovska B\*, **Oei L\***, Medina-Gomez C, Oei EHG, Campos-Obando N, Estrada K, Enneman A, van der Velde N, Hofman A, Aubry-Rozier B, Zillikens MC, Uitterlinden AG, Hans D, Rivadeneira F. Prediction of Vertebral Fracture by Trabecular Bone Score in Elderly Women of The Rotterdam Study. (In preparation)
59. **Oei L**, Breda SJ, Jiang G, El Saddy S, Makurthou AA, Ly F, Castaño-Betancourt MC, Hofman A, Waarsing E, Black DM, Schousboe JT, van Rooij FJA, van Meurs JBJ, Uitterlinden AG, Zillikens MC, Rivadeneira F, Oei EHG. Identification of Scheuermann's disease with different radiological scoring methods for osteoporotic vertebral fractures: the Rotterdam Study. (In preparation)
60. Castaño-Betancourt MC, Campos-Obando N, Dehghan A, **Oei L**, Hoeven TA, Oei EHG, Rivadeneira F, Franco OH, Hofman A, Uitterlinden AG, Bierma-Zeinstra S, van Meurs JBJ. Osteoarthritis as a risk factor for mortality: the Rotterdam Study. (In preparation)
61. Enneman AW, **Oei L**, Estrada K, Zillikens MC, Uitterlinden AG, van Meurs JBJ, van der Velde N, Rivadeneira F, In collaboration with the GEFOS-consortium. The association between plasma homocysteine levels and fractures and bone mineral density: a Mendelian randomization approach. (In preparation)
62. **Oei L**, Stolk L, van Meurs JBJ, Hofman A, Pols HAP, Zillikens MC, Uitterlinden AG, Rivadeneira F. Demographic trend of osteoporotic fracture incidence in elderly men and women: the Rotterdam Study. (In preparation)
63. Breda SJ, **Oei L**, Oei EHG, Zillikens MC. Discrepancies in radiological diagnosis of osteoporotic vertebral fractures in clinical practice. (In preparation)
64. Jainandunsing S, **Oei L**, Oei EHG, Alsmas J. Hyponatremia Caused by Abdominal Large Vessel Obstruction. (In Preparation)

## Memberships

American Association of Clinical Endocrinology (AACE)  
 American Society of Human Genetics (ASHG)  
 American Society of Bone Mineral Research (ASBMR)  
 The Pituitary Society  
 Endocrine Society (ENDO)  
 European Calcified Tissues Society (ECTS)  
 European Federation for the Study of Diabetes (EFSD)  
 European Society of Endocrinology (ESE)  
 Netherlands Society of Internal Medicine (NIV)  
 Dutch Network internists Obesity Care (NIVO)  
 Dutch Association of Endocrinology (NVE)  
 Dutch Association for Epidemiology (VVE)  
 Dutch Bone and Mineral Society (NVCB)  
 Dutch Society of Female Doctors (VNVA)

Affiliation with research consortia:

- Fragility In Diabetes in Europe – towards a personalised medicine approach (FIDELIO)
- GENetic Factors for OSTeoporosis (GEFOS)
- GENetic Markers For OSTeoporosis (GENOMOS)
- Netherlands Consortium for Healthy Aging (NCHA)
- Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE)



## Conference attendance

Pituitary Society Annual Meeting, 2021 (Virtual)

Dutch Association of Endocrinology Annual Meeting for Young Endocrinologists (JNVE), Leiden, The Netherlands, 2017.

Rotterdam Regional Clinical Conference of Endocrinology, 2017, 2019 (Rotterdam, The Netherlands).

European Congress of Endocrinology: 2011 (Rotterdam, The Netherlands), 2017 (Lisbon, Portugal), 2021 (virtual).

European Calcified Tissue Society Meeting: 2010 (Glasgow, Great Britain), 2011 (Athens, Greece: Joint Meeting with the International Bone and Mineral Society), 2012 (Stockholm, Sweden), 2015 (Rotterdam, The Netherlands), 2017 (Salzburg, Austria), 2018 (Valencia, Spain), 2019 (Budapest, Hungary), 2020 (Marseilles, France, virtual event), 2021 (virtual).

European Congress of Internal Medicine: 2016 (Amsterdam, The Netherlands), 2018 (Wiesbaden, Germany)

Osteoporosis Symposium: 2016 (Gouda, The Netherlands)

National Education Day Internal Medicine: 2016 (Zeist, The Netherlands).

Rotterdam Regional Clinical Conference of Internal Medicine, 19 November 2015 (Rotterdam, The Netherlands).

Internal Medicine Annual Meeting: 2015 (Rotterdam, The Netherlands).

Dutch Internal Medicine Association Annual Meeting, Maastricht, The Netherlands: 2010, 2014, 2015, 2016, 2017, 2021.

Radiological Society of North America Annual Meeting: 2011, 2012, 2013, 2016 (Chicago, USA).

American Society for Bone Mineral Research Annual Meeting: 2010 (Toronto, Canada); 2011 (San Diego, USA); 2012 (Minneapolis, USA); 2013 (Baltimore, USA); 2021 (virtual).

GEFOS/GENOMOS Consortia Investigators Meeting: 2010 (Glasgow, Great Britain), (Toronto, Canada); 2011 (Athens, Greece), (San Diego, USA); 2012 (Minneapolis, USA); 2013 (Baltimore, USA).

Personalized Medicine World Conference: 2013 (Mountain View, USA).

Osteoarthritis Research Society International: 2013 (Philadelphia, USA).

ENDO Endocrine Society Annual Meeting: 2013 (San Francisco, USA), 2021 (virtual).

Dutch Association of Endocrinology (NVE) Annual Meeting, Noordwijkerhout, The Netherlands, 2010, 2012, 2019, 2020, 2021 (virtual), 2022 (virtual).

Dutch annual conference on Epidemiology (WEON): 2012 (Rotterdam, The Netherlands).

American Society of Human Genetics: 2012 (San Francisco, USA).

Endocrine Fellows Foundation/American Diabetes Association Fellows Forum: 2011 (San Diego, USA); 2012 (Minneapolis, USA).

Dutch Society for Calcium and Bone Metabolism Meeting: 2010, 2011, 2012, 2016, 2017, 2018 (Zeist, The Netherlands), 2020 (virtual)

Gordon Research Conference, bones and teeth: 2011 (Les Diablerets, Switzerland).

CHARGE Consortium Investigators Meeting: 2010 (Houston, USA); 2011 (Boston, USA); 2018 (Rotterdam, The Netherlands), 2021 (2x virtual).

Belgian Society of Internal Medicine (BVG-SBMI) Annual Congress: 2010 (Leuven, Belgium).

European Atherosclerosis Society Congress, Istanbul, Turkey, 2008.

Dutch Atherosclerosis Society Meeting, Ermelo, The Netherlands, 2007.

European Congress of Radiology, Vienna, Austria, 2019.

## **Invited lectures**

**Oei L**, Duncan EL. Clinical Case Workshop: Osteoporosis Genetics.  
(invited meet-the-expert clinical webinar) American Society for Bone and Mineral Research.  
26 July 2021 (virtual)

**Oei L**. Genome-wide association studies and mendelian randomization studies in osteoporosis diagnosis  
(invited meet-the-expert session) European Conference of Endocrinology, 26 May 2021  
(virtual)

**Oei L**. Clinical need for imaging in endocrine bone diseases  
(invited seminar), University of California at San Diego, 11 January 2019 (San Diego, USA).

**Oei L**. Genetic aspects of clinical risk factors for osteoporotic fractures  
(invited seminar) Stanford University, Department of Genetics, 15 January 2019 (Stanford, USA).

**Oei L**. Genetic aspects of clinical risk factors for osteoporotic fractures  
(invited seminar) University of California at San Francisco, 18 January 2019 (San Francisco, USA).

**Oei L**. Trabecular bone score (TBS) a DXA based tool - clinical implications.  
(invited meet-the-expert session) Nordic Bone Science Meeting, 17 November 2017  
(Copenhagen, Denmark).

**Oei L**. New developments in the radiology of osteoporosis and fractures.  
(invited presentation) Dutch inter-disciplinary working group of osteoporosis, 15 November 2017 (Utrecht, The Netherlands).

**Oei L**. New developments in the radiology of osteoporosis and fractures.  
(invited presentation: top 3 theses of the year in orthopedics) Dutch orthopedics association,  
13 October 2017 (Veldhoven, The Netherlands).

**Oei L**. Heritability determines bone fractures; what to do for healthy bones.  
(invited seminar) Huayi Xieshanghui Overseas Chinese Association, 10 July 2017 (Delft, The Netherlands). (Invited lecture for general public)

**Oei L**. Type 2 Diabetes, Inflammation, Genetics and Bone Fractures  
(invited seminar) University of California at San Francisco, 22 November 2013 (San Francisco, USA).

**Oei L**. Genes, Hormones and Bones: Genetic Epidemiology of Endocrine and Skeletal Disease  
(grand rounds) Stanford University, Department of Endocrinology, 6 November 2013  
(Stanford, USA).  
(invited seminar) Veterans Affairs Medical Center, University of California at San Francisco,  
15 October 2013 (San Francisco, USA).

**Oei L.** Large-scale Genetic Studies and Personalized Medicine in Osteoporotic Fractures (invited seminar) University of California at San Francisco, 12 July 2013 (San Francisco, USA).

**Oei L.** Genome-Wide Association Studies Meta-Analysis For Fracture Risk (invited presentation) University of California at San Francisco, 9 November 2012 (San Francisco, USA).

**Oei L.** Brief Introduction to The Rotterdam Study (invited presentation) University of California at San Francisco, 9 November 2012 (San Francisco, USA).

**Oei L.** Genetic Epidemiology of Diabetes and Bone Disease (seminar) Stanford University, Department of Genetics, 26 June 2012 (Stanford, USA).

#### **Presentations as presenting author**

**Oei L.** My thesis in 3 minutes (oral presentation) European Congress of Radiology, 27 February-3 March 2019 (Vienna, Austria).

Ramcharan S, Koromani F, de Schepper EE, van Meurs JBJ, Rivadeneira F, Oei EHG, **Oei L.** (oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 16 November 2018 (Zeist, The Netherlands).

**Oei L,** Karim AF, Verdijk RM, Oei EHG, van Laar JAM, ten Cate D, Haitzma I, Monserez DA, Zillikens MC. A case of dens fracture solved (oral) Dutch Endocrine Fellow course, 9 November 2019 (Bunnik, The Netherlands)  
(oral pitch and poster) Dutch Association of Endocrinology (NVE) Annual Meeting, 7-8 February 2019 (Noordwijkerhout, The Netherlands)

**Oei L,** Zillikens MC, Oei EHG. Bisphosphonate-associated atypical femoral fractures and osteonecrosis of the jaw: a radiological review. (educational exhibit) Annual Meeting of the Radiological Society of North America, 26 November-1 December 2017 (Chicago, USA).

**Oei L,** Wu JY, Koromani F, Oei EHG, Ioannidis JP, Snyder MP, Patel CJ. Systematic screening for environmental and behavioral determinants identifies factors detrimental to skeletal health. (poster) Annual Meeting of the Radiological Society of North America, 26 November-1 December 2017 (Chicago, USA).  
(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 9 November 2017 (Zeist, The Netherlands).  
(oral presentation) Dutch Association of Endocrinology Annual Meeting for Young Endocrinologists (JNVE), 27 October 2017 (Leiden, The Netherlands).  
(oral presentation and SNAP poster) European Calcified Tissue Society Meeting, 13-16 May 2017 (Salzburg, Austria).

(poster) European Congress of Endocrinology, 20-23 May 2017 (Lisbon, Portugal)  
(poster) American Society for Bone and Mineral Research, 28 September-1 October 2018  
(Houston, USA).

**Oei L**, Jainandunsing S, Oei EHG, Alisma J, Kompanje EJ, Weigel J. A sacred purge induced coma.

(oral presentation) Netherlands Internal Medicine Annual Meeting, 19 April 2017 (Maastricht, The Netherlands).

**Oei L**, van den Meiracker AH, Oei EHG, Moelker A, van Leenders GJLH, Rikken B, Verhagen P, Clahsen-van Groningen MC, van der Wiel HE. Reninoma: a Rare Cause of Curable Hypertension and Hypokalemia.

(oral presentation) Netherlands Internal Medicine Annual Meeting, 20 April 2016 (Maastricht, The Netherlands).

(oral presentation) Rotterdam Regional Clinical Conference of Internal Medicine, 19 November 2015 (Rotterdam, The Netherlands).

**Oei L**, Zheng HF, Ntzani EE, Nielson CM, Estrada K, Styrkarsdottir U, Ridker PM, Hsu Y, Garcia M, Aragaki AK, Duncan EL, Enneman A\*, *64 more co-authors*, Ioannidis JPA, Uitterlinden AG, Cummings SA, Spector T, Kiel DP, Jackson RD, Thorsteinsdottir U, Chasman DI, Orwoll E, Richards JB, Rivadeneira F, for the GEFOS consortium. Genome-Wide Association Studies (GWAS) meta-analysis for fracture risk points to loci related to hormonal and neurological pathways: the GEFOS Consortium

(poster) Erasmus MC Internal Medicine Annual Science Day, 9-10 January 2014 (Antwerp, Belgium).

(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 1-2 November 2012 (Zeist, The Netherlands).

(oral presentation) American Society of Human Genetics, 6-10 November 2012 (San Francisco, USA).

(late-breaking poster) American Society for Bone Mineral Research Annual Meeting, 12-15 October 2012 (Minneapolis, USA).

**Oei L**, El Saddy S, Makurthou AA, Castaño-Betancourt MC, Estrada K, Medina-Gomez C, Hofman A, van Meurs JBJ, Uitterlinden AG, Oei EHG, Rivadeneira F. Large-scale Population Imaging to Investigate the Genetic Epidemiology of Radiographic Scheuermann's Disease: the Rotterdam Study

(poster) Annual Meeting of the Radiological Society of North America, 1-6 December 2013 (Chicago, USA).

(poster) World Congress on Osteoarthritis, 18-21 April 2013 (Philadelphia, USA). **Oei L**, El Saddy S, Makurthou AA, Castaño-Betancourt MC, Estrada K, Medina-Gomez C, Hofman A, van Meurs JBJ, Uitterlinden AG, Oei EHG, Rivadeneira F. Genetic Epidemiology of Scheuermann's Disease: the Rotterdam Study. *Osteoarthritis and Cartilage*. 2013; 21 Supplement: S171.

Atanasovska B, **Oei L**, Medina-Gomez C, Campos-Obando N, Estrada K, Hofman A, Aubry-Rozier B, Oei EHG, Zillikens MC, Uitterlinden AG, Hans D, Rivadeneira F. Prediction of vertebral fracture by Trabecular Bone Score in elderly women of The Rotterdam Study

(oral presentation) American Society for Bone Mineral Research Annual Meeting, 4-7 October 2013 (Baltimore, USA).

**Oei L**, Breda SJ, Jiang G, El Saddy S, Makurthou AA, Ly F, Castaño-Betancourt MC, Hofman A, Waarsing E, Black DM, Schousboe JT, van Rooij FJA, van Meurs JBJ, Uitterlinden AG, Zillikens MC, Rivadeneira F, Oei EHG. Differentiating Osteoporotic Vertebral Fractures from Scheuermann's Disease using Different Radiological Assessment Methods for Osteoporotic Vertebral Fractures: The Rotterdam Study  
(oral presentation) American Society for Bone Mineral Research Annual Meeting, 4-7 October 2013 (Baltimore, USA).

**Oei L**, Nordström P, Ntzani E, Zheng HF, Estrada K, Duncan EL, *95 more co-authors*, Zillikens MC, Evangelou E, Richards JB, Visscher P, Michaelsson K, Rivadeneira F. The genetic basis of cross-phenotype correlation with bone fracture risk: the GEFOS consortium (poster) American Society for Bone Mineral Research Annual Meeting, 4-7 October 2013 (Baltimore, USA).

**Oei L**, Reppe S, Ntzani EE, Hibbs M, Choi K, Zheng HF, *90 more co-authors*, van Leeuwen JPTM, Evangelou E, Grundberg E, Richards JB, Gautvik K, Rivadeneira F, Ackert-Bicknell C. Functional characterization of GWAS loci associated with fracture risk  
(poster) American Society for Bone Mineral Research Annual Meeting, 4-7 October 2013 (Baltimore, USA).

**Oei L**, Campos-Obando N, Dehghan A, Oei EHG, Stolk L, van Meurs JBJ, Hofman A, Uitterlinden AG, Franco OH, Zillikens MC, Rivadeneira F. Dissecting the Relationship Between High-Sensitivity Serum C-Reactive Protein and Increased Fracture Risk: The Rotterdam Study  
(oral presentation) Endocrine Society, 15-18 June 2013 (San Francisco, USA)  
(oral poster) American Society for Bone Mineral Research Annual Meeting, 4-7 October 2013 (Baltimore, USA).

**Oei L**, Campos-Obando N, Simon MEH, Zillikens MC. Painful Vertebral Fractures During Pregnancy: Be Aware Of A Potentially Underlying Genetic Cause  
(poster) Endocrine Society, 15-18 June 2013 (San Francisco, USA).

**Oei L**, Makurthou AA, El Saddy S, Breda SJ, Castaño-Betancourt MC, Hofman A, van Meurs JBJ, Uitterlinden AG, Rivadeneira F, Oei EHG. Scheuermann's Disease: Evaluation of Radiological Criteria and Population Prevalence  
(poster) World Congress on Osteoarthritis, 18-21 April 2013 (Philadelphia, USA). **Oei L**, Makurthou AA, El Saddy S, Breda SJ, Castaño-Betancourt MC, Hofman A, van Meurs JBJ, Uitterlinden AG, Rivadeneira F, Oei EHG. Scheuermann's Disease: Evaluation of Radiological Criteria and Population Prevalence. *Osteoarthritis and Cartilage*. 2013; 21 Supplement: S182.

**Oei L**, Oei EHG, Breda SJ, Ly F, van Meel E, Dogterom EJ, de Kok LGC, van Meurs JBJ, Hofman A, Pols HAP, Uitterlinden AG, Zillikens MC, Krestin GP, Rivadeneira F. Osteoporotic Vertebral Fracture Prevalences Vary Widely Between Radiological Scoring Methods: The Rotterdam Study  
(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 1-2 November 2012 (Zeist, The Netherlands).  
(oral presentation) American Society for Bone Mineral Research Annual Meeting, 12-15 October 2012 (Minneapolis, USA).  
(poster) Dutch annual conference on Epidemiology (WEON), 14-15 June 2012 (Rotterdam, The Netherlands).

**Oei L.** Genetic Epidemiology of Diabetes and Bone Disease  
(seminar) Stanford University, Department of Genetics, 26 June 2012 (Stanford, USA).

**Oei L,** Zillikens MC, Dehghan A, Castano-Betancourt MC, Estrada K, Stolck L, Oei EHG, van Meurs JB, Hofman A, Janssen JAMJL, Witteman JC, van Leeuwen JPTM, Uitterlinden AG, Franco OH, Rivadeneira F. Degree of Glucose Control and Risk of Fracture in Type 2 Diabetes: The Rotterdam Study

(oral presentation) Dutch Endocrine Meeting, 10-11 February 2012 (Noordwijkerhout, The Netherlands).

(oral and poster) European Calcified Tissue Society Meeting, 19-23 May 2012 (Stockholm, Sweden). **Oei L,** Zillikens MC, Dehghan A, Castano-Betancourt MC, Estrada K, Stolck L, Oei EHG, van Meurs JB, Hofman A, Sijbrands EJG, Janssen JAMJL, Witteman JC, van Leeuwen JPTM, Uitterlinden AG, Rivadeneira F. Bone. 2011; 50 Supplementary 1:S29.

(poster) Dutch annual conference on Epidemiology (WEON), 14-15 June 2012 (Rotterdam, The Netherlands).

**Oei L,** Zheng H, Ntzani EE, Estrada K, Ridker PM, Garcia M, Hsu Y, Lehtimäki T, Trompet S, Kaptoge S, Wilson S, Liu Y, Eriksson JE, Amin N, Kung AWC, Medina Gomez C, Tsilidis KK, Rose LM, Vernon-Smith AV, Liu C, Viikari J, Moayyeri A, Minster RL, Lorentzon M, Xiao S, Wareham N, Aalto V, Aspelund T, Cummings SA, Cupples LA, Evangelou E, Khaw K, Luben R, Raitakari O, Siggeirsdottir K, van Duijn C, Cauley JA, Karasik D, Sham PC, Zillikens MC, Ohlsson C, Harris TB, Spector T, Reeve J, Jukema JW, Ioannidis JPA, Kahonen M, Kiel DP, Gudnason V, Uitterlinden AG, Chasman DI, Richards JB, Rivadeneira F. Large-scale meta-analyses of genome-wide association studies for fracture risk: the GEFOS consortium (oral presentation) American Society for Bone Mineral Research Annual Meeting, 16-20 September 2011 (San Diego, USA).

(poster) International Congress of Human Genetics, 11-15 October 2011 (Montréal, Canada).

(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 10-11 November 2011 (Zeist, The Netherlands).

**Oei L,** Ly F, Breda SJ, Zillikens MC, Uitterlinden AG, Krestin GP, Rivadeneira F, Oei EHG. Review of radiological scoring methods of osteoporotic vertebral fractures for clinical and research settings

(poster) Annual Meeting of the Radiological Society of North America, 27 November - 2 December 2011 (Chicago, USA).

**Oei L,** Castano-Betancourt MC, Pols HAP, Dehghan A, Uitterlinden AG, Rivadeneira F, Zillikens MC. Women with inadequately controlled type 2 diabetes are at increased risk of osteoporotic fractures despite higher bone mineral density: the Rotterdam Study (poster) Erasmus MC Internal Medicine Annual Science Day, 12-13 January 2011 (Antwerp, Belgium).

(poster) Joint Meeting of the European Calcified Tissue Society and the International Bone and Mineral Society, 7-11 May 2011 (Athens, Greece). **Oei L,** Castano-Betancourt M, Pols H, Dehghan A, Uitterlinden A, Rivadeneira F, Zillikens C. Women with inadequately controlled type 2 diabetes are at increased risk of osteoporotic fractures despite higher bone mineral density: The Rotterdam study. Bone. 2011; 48 Supplementary 2:S194.

(plenary poster) American Society for Bone Mineral Research Annual Meeting, 16-20 September 2011 (San Diego, USA).

**Oei L,** Estrada K, Kiel DP, Uitterlinden AG, Rivadeneira F. Challenges on phenotype definition: the case osteoporotic vertebral fractures

(poster) 6th CHARGE Consortium Investigators Meeting, 9-11 February (Boston, USA).

**Oei L**, Estrada K, Castano-Betancourt MC, van der Klift M, Kerkhof HJM, Hofman A, Pols HAP, Stolk L, van Meurs JB, Zillikens MC, Uitterlinden AG, Rivadeneira F. Genome-wide Association In the Rotterdam Study Implicates the 16q24 Locus As Determinant of Osteoporotic Vertebral Fractures (oral presentation) 32nd ASBMR Annual Meeting, 15-19 October 2010 (Toronto, Canada). (oral presentation) 20<sup>th</sup> Dutch Society for Calcium and Bone Metabolism Annual Meeting, 11-12 November 2010 (Zeist, The Netherlands). (poster) Dutch Society for Human Genetics Meeting, 19 November 2011 (Amsterdam, The Netherlands). (poster) 15th Belgian Society of Internal Medicine (BVG-SBMI) Annual Congress, 3-4 December 2010 (Leuven, Belgium). **Oei HL**, Estrada K, Castano-Betancourt M, van der Klift M, Kerkhof H, Hofman A, Pols H, Stolk L, van Meurs J, Zillikens C, Uitterlinden A, Rivadeneira F. Genome-wide Association In the Rotterdam Study Implicates the 16q24 Locus As Determinant of Osteoporotic Vertebral Fractures. *Acta Clinica Belgica*. 2010; 65(6):457. (poster) Erasmus MC Internal Medicine Annual Science Day, 13-14 January 2011 (Antwerp, Belgium). (poster) Molecular Medicine Day, 3 February 2011 (Rotterdam, The Netherlands). (poster) European Congress of Endocrinology, 30 April-4 May 2011 (Rotterdam, The Netherlands).

### **Presentations as co-author**

Lu HJ, Bos D, van der Toorn JE, Ahmadizar F, Geurts S, Trajanoska K, Koromani F, **Oei L**, Zillikens MC, Kiel DP, Rivadeneira F, Kavousi M, Medina-Gomez C. Vascular calcification and osteoporosis: confounded associations or shared biologic pathways? European Calcified Tissue Society 7-10 May 2022 (Helsinki, Finland) (in submission)

Li RL, Ahmadizar F, Koromani F, Ghatan S, Roshchupkin G, Zillikens MC, **Oei L**, Uitterlinden AG, Kraaij R, Kavousi M, Rivadeneira F, Medina-Gomez C. Gut microbiome profiles identified by a machine learning algorithm are correlated with T2D and muscle strength: the Rotterdam Study European Calcified Tissue Society 7-10 May 2022 (Helsinki, Finland) (in submission)

Ghatan S, Li RL, Medina-Gomez C, Rivadeneira F, Kavousi M, **Oei L**. Bone complications in type 2 diabetes are mediated through differential genetic risks for insulin resistance or obesity: the UK Biobank Study European Calcified Tissue Society 7-10 May 2022 (Helsinki, Finland) (in submission)

Li J, **Oei L**, Karim AF, Verdijk RM, Oei EHG, van Laar JAM, ten Cate DF, Haitisma I, Monsereez DA, Zillikens MC. A Dens Fracture Case Solved European Calcified Tissue Society 7-10 May 2022 (Helsinki, Finland) (in submission)

Ghatan S, Ahmadizar F, Li R, Zillikens MC, Medina-Gomez M, Rivadeneira F, Kavousi M, **Oei L**. Type 2 diabetes clusters indicate diabetes duration key in fracture risk (poster) Endocrine Society Annual Meeting, 20-23 March 2021 (Virtual Meeting) (oral poster) European Calcified Tissue Society, 7 May 2021 (Virtual Meeting) (poster, top 20 award) European Congress of Endocrinology, 22-26 May 2021 (Virtual Meeting)

Ghatan S, Trajanoska K, Proitso P, Ikram A, **Oei L**, Hodges A, Rivadeneira F. Causal Assessment of the Association Between Bone Mineral Density and the Risk of Dementia.

(oral presentation) American Society of Bone and Mineral Research, 11-15 September 2020 (Online Virtual Event).

Ramcharan S, Koromani F, **Oei L**, Oei EHG. Lumbosacral transitional vertebrae and the association with low back pain and spine degeneration: the Rotterdam study (oral presentation and student prize winner) European Congress of Radiology, 27 February-3 March 2019 (Vienna, Austria).

(oral presentation and poster) European Calcified Tissue Society, 10-14 May 2019 (Budapest, Hungary)

Koromani F, **Oei L**, Breda SJ, Shevroja E, van Meurs JBJ, Ikram A, Waarsing JH, van Rooij F, Zillikens MC, Uitterlinden AG, Krestin GP, Rivadeneira F, Oei EHG. Location of first spinal fracture as determinant of future vertebral fracture risk

(poster) European Calcified Tissue Society Meeting, 26-29 May 2018 (Valencia, Spain).

Koromani F, Shevroja E, **Oei L**, Zillikens MC, Ikram A, Hans D, Krestin GP, Uitterlinden AG, Oei EHG, Fernando Rivadeneira F. Smoking is associated with trabecular structure and radiographic vertebral fractures in women independent of BMD

Selwaness M, **Oei L**, Ouhlous M, Attrach M. Extracorporeal membrane oxygenation: A review of technique, normal imaging appearances and complications (educational exhibit) Annual Meeting of the Radiological Society of North America, 26 November-1 December 2017 (Chicago, USA).

Trajanoska K, **Oei L**, de Jonge EAL, Kieboom BC, Mulder M, Stricker BCh, Voortman T, Uitterlinden AG, Oei EHG, Ikram A, Schoufour JD, Zillikens MC, Rivadeneira F. Long term follow-up of fracture incidence and fracture trends between 1989 and 2012 in a population based cohort: The Rotterdam Study

(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 9 November 2017 (Zeist, The Netherlands).

Trajanoska K, Morris J, **Oei L**, Zheng HF, Forgetta V, Leong A, Ahmad OS, Laurin C, Mokry L, Ross S, Elks CE, Bowden J, Warrington NM, Kleinman A, Willems S, Wright D, Ruth KS, Murray A, Day FR, Ackert-Bicknell CL, van Der Eerden BCJ, Gautvik K, Reppe S, Bassett D, Williams GR, Medina Gomez MC, Estrada K, van der Velde N, Nielson CM, Hsu YH, Amin N, Bis JC, Esko T, Kaptoge S, Lehtimäki T, Minister RL, Kung AWC, Smith AV, Tranah G, Trompet S, Chasman DI, Ridker PM, Cummings S, van Duijn C, Gudnason V, Harris TB, Jukema JW, Ikram AM, Jackson RD, Karasik D, Lacroix AZ, Lips P, Lorentzon M, Metspalu A, Orwoll E, Psaty BM, Raitakari O, Robbins JA, Sham P, Spector TD, Stefansson K, Zillikens MC Uitterlinden AG, Duncan EL, Ralston SH, Styrkarsdottir U, Ntzani EE, Evangelou E, Ioannidis JP, Tung JY, Hinds DA, Perry JR, Scott R, Evans DM, Kiel DP, Ohlsson C, Rivadeneira F, Richards B. Leveraging genetic associations to evaluate clinical risk factors for osteoporotic fractures

(oral presentation) European Calcified Tissue Society Meeting, 13-16 May 2017 (Salzburg, Austria).

Koromani F, Atanasovska B, **Oei L**, Medina Gomez MC, Campos Obando N, Shevroja E, Schoufour JD, Enneman AW, van der Velde N, Zillikens MC, Uitterlinden AG, Oei EHG,



Hans D, Rivadeneira F. The relation between radiographic vertebral fractures and trabecular bone score: a population-based study  
(oral presentation) European Calcified Tissue Society Meeting, 13-16 May 2017 (Salzburg, Austria).

Koromani F, Muka T, Schoufour J, **Oei L**, Zillikens MC, Franco OH, Uitterlinden AG, Oei EH, Lamy O, Aubry-Rozier B, Hans D, Rivadeneira F. T2D participants have lower prevalence of moderate and severe vertebral fractures: a meta-analysis of population-based studies  
(poster) American Society for Bone and Mineral Research, 8-11 September 2017, (Denver, USA).  
(oral poster) European Calcified Tissue Society Meeting, 13-16 May 2017 (Salzburg, Austria).

Koromani F, **Oei L**, Atanasovska B, Medina-Gomez C, Shevroja E, Schoufour J, Aubry-Rozier B, Zillikens MC, Uitterlinden AG, Oei EH, Hans D, Rivadeneira F  
The Relation Between Radiographic Vertebral Fractures And Trabecular Bone Score In Elderly Women: A Meta- Analysis Of Prospective Studies  
(poster) American Society for Bone and Mineral Research, 8-11 September 2017, (Denver, USA).

Zrimsek M, Reppe S, Medina Gomez MC, Schreuders-Koedam M, Morris J, Verlow J, Van De Peppel JP, Trajanoska K, **Oei L**, van Rooij J, Boer CG, Gautvik K, Uitterlinden AG, Richards JB, Marc J, van der Eerden BCJ, Rivadeneira F. Integrated functional –omics framework of genome-wide association study (GWAS) of osteoporosis traits postulate FUBP3 and ETS2 as critical factors of bone metabolism  
(SNAP poster) European Calcified Tissue Society Meeting, 13-16 May 2017 (Salzburg, Austria).

Jainandunsing S, **Oei L**, Oei EH, Budde RPJ, Alsmas J, Hellemond JJ, Maat APWM, Schurink CAM. A man with a visible pulsating abdominal mass.  
(oral presentation) Netherlands Internal Medicine Annual Meeting, 19 April 2017 (Maastricht, The Netherlands).

Refinement of whole-body bone mineral density measures of children assists the identification of genetic variants associated with skeletal site specificity and bone mass attainment Kemp JP, Medina-Gomez C, Estrada K, St-Pourcain B, Heppner DHM, Timpson NJ, **Oei L**, Ring SM, Kruithof CJ, Wolber LE, Williams FMK, Zillikens MC, Hofman A, Uitterlinden AG, Davey-Smith G, Jaddoe VWV, Tobias JH, Rivadeneira F, Evans DM.  
(poster) American Society of Human Genetics, 22-26 October 2013 (Boston, USA).

Medina-Gomez C, Heppner D, Estrada K, **Oei L**, Kruithof C, Hofman A, Uitterlinden AG, Jaddoe VWV, Rivadeneira F. Bone Mineral Density Variation In Children Across Different Ethnic Backgrounds Is Partially Explained By Genetic Profiling. The Generation R Study  
(poster) American Society of Human Genetics, 22-26 October 2013 (Boston, USA).  
(poster) American Society for Bone Mineral Research Annual Meeting, 4-7 October 2013 (Baltimore, USA).

Estrada K, Liu CT, Cheng CH, Medina-Gomez C, Zhou Y, **Oei L**, Hofman A, Zillikens MC, Karasik D, Uitterlinden AG, Cupples LA, Kiel DP, Rivadeneira F, Hsu YH. Protein-Coding Less-Common Variants Are Associated with BMD: An Exome-Chip Meta-Analysis of Adult Caucasians  
(oral presentation) American Society for Bone Mineral Research Annual Meeting, 4-7 October 2013 (Baltimore, USA).

Alonso N, Estrada K, Herrera L, Kabir D, Olmos JM, Riancho JA, **Oei L**, Medina-Gomez MC, Stenkjaer L, Langdahl B, Brown MA, Duncan EL, Sims M, Sanudo C, Bjerre L, Kaptoge S, Reeve S, Lewis J, Prince R, Reppe R, Olstad OK, Gautvik KM, Garcia-Giralt N, Nogues X, Mencej-Bedrac S, Marc J, Gonzalez-Sarmiento R, Wolstein O, Eisman J, del Pino J, Feenstra B, Melbye M, Albagha OME, WTCCC, Davies G, Starr J, Quintela I, Fernandez C, Carracedo A, Lucas G, Uitterlinden AG, Rivadeneira F, Ralston SH. Genome-wide association identifies a new susceptibility locus at 4q35 associated with clinical vertebral fractures in post-menopausal women: the GEFOS-GENOMOS consortium  
(oral presentation) European Calcified Tissue Society Meeting, 18-21 May 2013 (Lisbon, Portugal).

Campos-Obando N, **Oei L**, Simon MEH, Zillikens MC. Painful Vertebral Fractures During Pregnancy: Be Aware Of A Potentially Underlying Genetic Cause  
(oral presentation) American Society for Bone Mineral Research Annual Meeting, Adult Bone and Mineral Working Group, 6 October 2013 (Baltimore, USA).  
(poster) International Conference on Children's Bone Health, 22-25 June 2013 (San Francisco, USA)

Castaña-Betancourt MC, Dehghan A, Campos-Obando N, **Oei L**, Hoeven T, Oei EHG, Rivadeneira F, Franco OH, Hofman A, Uitterlinden AG, Bierma-Zeinstra S, van Meurs JBJ. Osteoarthritis and mortality: meta-analysis of two prospective cohorts  
(poster) World Congress on Osteoarthritis, 18-21 April 2013 (Philadelphia, USA). Castaña-Betancourt MC, Dehghan A, Campos-Obando N, **Oei L**, Hoeven T, Oei EHG, Rivadeneira F, Franco OH, Hofman A, Uitterlinden AG, Bierma-Zeinstra S, van Meurs JBJ. Osteoarthritis and mortality: meta-analysis of two prospective cohorts. *Osteoarthritis and Cartilage*. 2013; 21 Supplement: 151.

Campos-Obando N, Castano-Betancourt MC, **Oei L**, Franco OH, Stricker BHCh, Rivadeneira F, Uitterlinden AG, Zillikens MC. Bone Mineral Density and Mortality in Prospective Population-based Cohort Studies  
(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 1-2 November 2012 (Zeist, The Netherlands).  
(oral presentation) American Society for Bone Mineral Research Annual Meeting, 12-15 October 2012 (Minneapolis, USA).

El Saddy S, **Oei L**, Makurthou AA, Castaña-Betancourt MC, Estrada K, Medina-Gomez C, Hofman A, van Meurs JBJ, Uitterlinden AG, Oei EHG, Rivadeneira F. Large-scale Population Imaging to Investigate the Genetic Epidemiology of Radiographic Scheuermann's Disease: the Rotterdam Study  
(late-breaking poster) American Society for Bone Mineral Research Annual Meeting, 12-15 October 2012 (Minneapolis, USA).  
(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 10-11 November 2011 (Zeist, The Netherlands).  
(poster) Erasmus MC Internal Medicine Annual Science Day, 12-13 January 2011 (Antwerp, Belgium).  
(poster) European Calcified Tissue Society Meeting, 19-23 May 2012 (Stockholm, Sweden). Makurthou A, El Saddy S, **Oei L**, Betancourt MC, Estrada K, Hofman A, van Meurs J, Uitterlinden A, Oei E, Rivadeneira F. Genetic Epidemiology of Scheuermann's Disease. *Bone*. 2011; 50 Supplementary 2:S167.

Breda SJ, **Oei L**, Oei EHG, Ly F, van Meel E, Dogterom EJ, de Kok LGC, van Meurs JBJ, Hofman A, Pols HAP, Uitterlinden AG, Zillikens MC, Krestin GP, Rivadeneira F. Osteoporotic Vertebral Fracture Prevalences Vary Widely Between Radiological Scoring Methods: The Rotterdam Study  
(oral presentation) Dutch Radiology Meeting, 27-28 September 2012 ('s-Hertogenbosch, The Netherlands).

Estrada K, Styrkarsdottir U, Evangelou E, Hsu YH, Duncan EL, Ntzani EE, **Oei L**, Zillikens MC, Ohlsson C, Thorsteinsdottir U, Karasik D, Richards JB, Brown MA, Stefansson K, Uitterlinden AG, Ralston SR, Ioannidis J, Kiel DP, Rivadeneira F, 56 *more co-authors*. Novel Genetic Factors and Biological Pathways Influencing BMD and Risk of Fracture  
(plenary poster) American Society for Bone Mineral Research Annual Meeting, 16-20 September 2011 (San Diego, USA).  
(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 10-11 November 2011 (Zeist, The Netherlands).

Ly F, **Oei L**, Breda SJ, Zillikens MC, Uitterlinden AG, Krestin GP, Rivadeneira F, Oei EHG. Review of radiological scoring methods of osteoporotic vertebral fractures for clinical and research settings  
(poster) American Society for Bone Mineral Research Annual Meeting, 16-20 September 2011 (San Diego, USA).

Medina-Gomez C, Estrada K, Heppe D, Kemp JP, Heppe D, Herrera L, **Oei L**, Hofman A, Jaddoe VW, Eilers P, Evans DM, Uitterlinden AG, Tobias J, Rivadeneira F. WNT16: a strong determinant of total body mineralization in children of different ethnic background is reflected on total body BMD of adults  
(oral presentation) American Society for Bone Mineral Research Annual Meeting, 16-20 September 2011 (San Diego, USA).  
(poster) International Congress of Human Genetics, 11-15 October 2011 (Montréal, Canada).  
(oral presentation) Dutch Society for Calcium and Bone Metabolism Meeting, 10-11 November 2011 (Zeist, The Netherlands).

### **Media coverage**

1. Nationale vereniging voor lupus, APS, sclerodermie en MCTD 2020: osteoporose
2. Heraut local newspaper 2020: Effect of environmental pollution on health
3. Amazing Erasmus 2020: The vision of Ling Oei
4. Amazing Erasmus 2020: Brittle bones of diabetes patients
5. Erasmus MC Intranet 2019: Large European grant for the impact of diabetes on bone health
6. Healio.com (health news website) 15 October 2019: Type 2 diabetes tied to greater risk for vertebral, nonvertebral fractures
7. Medpage today: Genetically Low Vitamin D Levels May Not Be Fracture Risk Factor. (Featured on the main page headline) 2018
8. Osteoporosis Journal and Netherlands Journal of Rheumatology: Research Coverage. 2018
9. Medpage today: Increasing Awareness—and Understanding—of Fracture Risk in T2D Patients. 2013
10. MDLinx Rheumatology: Dissecting the relationship between high-sensitivity serum C-reactive protein and increased fracture risk: The Rotterdam Study. 2013
11. Ackert-Bicknell CL, Blank RD. Genetics of osteoporosis and bone disease (ASBMR 2012). Bonekey Meeting Reports. 2013 March.
12. Healio (Endocrine today) 10 October 2013: Low trabecular bone scores tied to increased vertebral fracture risk.

13. American Journal of Nursing 15 February 2013 (eNews): Poor Glucose Control May Increase Fracture Risk in People with Diabetes.
14. The Endocrine Society 1 February 2013 (Endocrine Daily Briefing): Diabetes Patients With Poor Glucose Control May Have Higher Fracture Risk.
15. Reuters Health 30 January 2013 (Health24 website): Diabetes Increases Fracture Risk.
16. European Society of Endocrinology 29 January 2013 (daily news alert): Bad Blood Sugar and Broken Bones.
17. American Society for Bone Mineral Research 24 January 2013 (e-news weekly): Blood Sugar and Broken Bones.
18. Daily Rx News Network 21 January 2013 (health news website): Bad Blood Sugar and Broken Bones.
19. Netherlands Consortium for Healthy Ageing (NCHA) interview 25 September 2012 (consortium website): Research into osteoporosis sheds light on causes and possible treatments: A Vertebral Fracture is Always a Reason to Start Medication.
20. Erasmus MC Intranet December 2012: Prestigious Awards for Christmas.
21. Netherlands Consortium for Healthy Ageing (NCHA) 2012 (consortium website): Discovery of Genes Underlying Fracture Susceptibility and the Risk of Osteoporosis.
22. Netherlands Genomics Initiative (NGI) December 2012 (consortium websites): NCHA members Estrada and Oei win prestigious awards.
23. Dutch Endocrine Society (website): Travel grants for ECE 2011 Rotterdam.
24. Clinical Endocrinology News 1 December 2011 (digital network website): FRAX Skews Diabetes Patients' Fracture Risk.
25. Netherlands Consortium for Healthy Ageing (NCHA) and Netherlands Genomics Initiative (NGI) 2010 (consortium websites): Prizes for Young Talents.
26. Arts en Auto (professional magazine) interview October 2010: Wushu Is and Will Remain My Sport.
27. Scanner (hospital magazine) interview August 2010: Sword Fighting and Vertebral Fractures.

## Courses

Basic qualification for education

- E-learning design

The Netherlands Institute for Health Sciences (NIHES), Erasmus University Rotterdam:

- Advances in Genome-Wide Association Studies (GE03)
- Principles of Research in Medicine (ESP01)
- Principles of Genetic Epidemiology (ESP43)
- Genomics in Molecular Medicine (ESP57)
- Master class: Advances in Genomics Research (ESP63)
- Genome Wide Association Analysis (ESP29)
- Study Design (CC01)
- Classical Methods for Data-analysis (CC02)
- Modern Statistical Methods (EP03)
- Courses for the Quantitative Researcher (EP17)
- Genetic Linkage Analysis: Model-free analysis (GE05)

- Mendelian Randomization (GE10)
- Missing Values in Clinical Research (EP16)
- Topics in Meta-analysis (ESP15)
- Clinical Decision Analysis (ESP04)
- Conceptual Foundation of Epidemiologic Study Design (ESP38)
- Cohort Studies (ESP39)
- Demography of Ageing (ESP59)
- Health Economics (ESP25)
- Genetic-epidemiologic Research Methods (GE02)
- Linux for scientists
- Introduction to Clinical and Public Health Genomics (EWP11)
- A first encounter with next-generation sequencing data (GE13)

#### Molecular medicine research school:

- Next generation sequencing (NGS) data analysis
- SNPs and Human Diseases (GE08)
- Basic and translational endocrinology
- Annual Molmed Course
- Annual Molmed Day
- Workshop Browsing Genes and Genomes with UCSC
- Imaging workshop for MDs
- Biobase course: principles of NGS data analysis and interpretation
- Writing Grant Proposals Successfully

#### Stanford University

- Health Insurance Portability and Accountability Act (HIPAA) training

#### Other courses, seminars and workshops:

- Regulations and organization for clinical investigators (BROK)
- Biomedical English writing
- Endocrine Fellows Foundation/American Diabetes Association (EFF/ADA) Fellows Forum (2011, 2012)
- Critical appraisal of osteoporosis treatment
- Clinical translation of bone biology
- Joint valorization workshop NCHA/CGC
- Functionary animal experiments, article 9
- Radiation protection, competence level 5B
- Castor EDC

#### Clinical courses:

- Building a stronger future for Osteoporosis Romosozumab (2021)
- Update in Neuro-Endocrine Tumors (2019)
- Masterclass Neuro-Endocrine Tumors (2019)
- Dutch Endocrine Fellow course (2018, 2019)
- Dutch Endocrine Fellow Diabetes course (2018)
- Erasmus course on endocrinology (Noordwijkerhout 2009, 2014, 2017, 2018, 2019)
- Sint Franciscus Gasthuis Hospital donation training (2016)

- Sint Franciscus Gasthuis Hospital time management (2016)
- IJsselland Hospital, Video Training on the Job (2016)
- Metastatic prostate cancer symposium (2016)
- Erasmus MC Medically unexplained symptoms course (2016)
- Approach of medical emergencies and advanced life support (2014, 2015 IJsselland Hospital. 2016 Erasmus MC)
- European Congress of Internal Medicine Ultrasound Workshop (2016)
- Royal Dutch Medical Association (KNMG) workshop patient safety (2015)
- Diabetes Education Study Group (DESG) Diabetes Mellitus course (2015)
- Netherlands Society of Internal Medicine (NIV) outpatient clinic course (2015)
- Fundamental Critical Care (2014)
- University Medical Center Groningen Systematic approach of medical emergencies (2014)
  
- Discipline transcending education (DOO): ethics
- Discipline transcending education (DOO): teach the teacher
- Discipline transcending education (DOO): communication
- Discipline transcending education (DOO): collaboration
- Discipline transcending education (DOO): evidence-based medicine
- Discipline transcending education (DOO): hospital management
- Central education internal medicine (COIG): 2014 clinical pharmacology, 2015 salt and water physiology, 2016 genomics, 2017 immunology and infectious diseases
- Regional education internal medicine (ROIG): 2014 diabetes mellitus and pregnancy, thromboembolic disease, intensive care; 2015 fever, diabetes mellitus, immune system, thrombosis and hemostasis, metabolic diseases; 2016 allergology, endocrinology, HIV and hepatitis, the dyspneic patient, rheumatology; 2017 fever, immune system, kidney insufficiency, the elderly patient, hemostasis
- Regional internal medicine clinical cases: 8 April 2014, 19 November 2015, 17 May 2016
- Regional endocrinology clinical cases: 5 October 2017