

DR. ALIREZA MOAYYERI

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Born: 22 Sep 1976

Address (Work):

Department of Epidemiology & Biostatistics,

Imperial College London, Faculty of Medicine,

St. Mary's Hospital, Norfolk Place, London W2 1PG

EDUCATION

- 2007-2011 **Department of Public Health and Primary Care, University of Cambridge**
PhD student, supervised by Prof. Kay-Tee Khaw – Gates Cambridge Trust funded
Dissertation: Risk Assessment for Osteoporotic Fractures among Men and Women from a Prospective Population Study: The EPIC-Norfolk Study
- 2006-2007 **Department of Public Health and Primary Care, University of Cambridge**
MPhil in Epidemiology (GPA = 3.5/4) - Cambridge Overseas Trust funded
Dissertation: Association between Respiratory Function and Fracture Risk in EPIC-Norfolk study
- 1994-2002 **School of Clinical Medicine, Tehran University of Medical Sciences, Tehran, Iran**
Medical Doctor (MD) - (GPA = 3.4/4)

AWARDS & HONOURS

- Jul 2012 **NOS Young Investigator Award:** National Osteoporosis Society Meeting in Manchester, UK
- Jun 2010 **ECTS New Investigator Award** and **BRS Diamond Jubilee Travel Award:** In Recognition of Outstanding Work presented at the 37th European Symposium on Calcified Tissues
- Sep 2009 **ASBMR Young Investigator Award:** To present research at the *American Society for Bone and Mineral Research* Annual Meeting
- Jul 2009 **Kohn Prize:** By the *Kohn Foundation* and the *National Osteoporosis Society* in Recognition of the work of a young investigator pursuing research into osteoporosis (£5,000)
- Mar 2008 **International Young Investigator Award:** For the 'Best Poster Presentation' at the *International Society for Clinical Densitometry* Annual Meeting
- Oct 2007 **Gates Scholarship:** Awarded by the *Bill & Melinda Gates Foundation (Gates Cambridge Trust)* to study PhD at the University of Cambridge (~£110,000)
- Jul 2007 **New Investigator Award:** To present research at the *Bone Research Society* Annual Meeting
- Mar 2007 **ESCEO-AMGEN 2007 Fellowship:** Awarded by the *European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis and AMGEN Pharmaceuticals* for a 1-year Project on Fracture Risk Assessment (US\$50,000)
- Oct 2006 **Shell Centenary – Chevening Scholarship:** Awarded by the *Cambridge Overseas Trust* to study MPhil in Epidemiology at the University of Cambridge (~£25,000)
- Feb 2006 **Avicenna Young Investigator 2005 Prize:** Awarded by the *Avicenna Research Festival* of Tehran University of Medical Sciences (~£2,000)
- Jun 1994 **7th State Rank** in the *Nationwide University Entrance Examination (the Konkoor)* in the field of Natural Sciences competing with 336,383 Iranian High-School Students

WORK EXPERIENCE

2013-Now	Senior Research Associate at the Department of Epidemiology and Biostatistics , Imperial College London
2011-2013	Research Associate at the Department of Twin Research and Genetic Epidemiology , King's College London
2004-2006	Research Assistant at the Endocrinology & Metabolism Research Centre , Shariati Hospital, Tehran University of Medical Sciences
2003-2006	Member of the Evidence Based Medicine Working Team , Shariati Hospital, Tehran University of Medical Sciences
2001-2002	Research Assistant at the Digestive Disease Research Centre , Imam Khomeini Hospital, Tehran University of Medical Sciences

PUBLICATIONS & PRESENTATIONS

I have published over **55 articles** in PubMed-indexed international journals mainly on the subjects of epidemiology and risk assessment of ageing traits and evidence-based medicine (please see Appendix 1)

I have co-authored **6 books** in the field of evidence-based medicine targeted to the Iranian practicing clinicians and medical students (please see Appendix 2)

I have presented my research in **more than 25 conferences** worldwide (please see Appendix 3)

COURSES ATTENDED

I have attended several extra-curricular courses and workshops in various subjects such as genetic epidemiology, medical research methodology, biostatistics, bone biology, scientific writing, and clinical trials (please see Appendix 4)

PROFESSIONAL AFFILIATIONS

Since Jun 2012	Associate Faculty Member of Faculty of 1000 (F1000)
Since Dec 2007	Member of International Society for Clinical Densitometry (ISCD)
Since Aug 2007	Member of National Osteoporosis Society (NOS)
Since Jun 2007	Member of European Calcified Tissue Society (ECTS)
Since Apr 2007	Member of American Society for Bone and Mineral Research (ASBMR)
Since Nov 2002	Registered with the Iranian Medical Council [No: 91251]

OTHER ACTIVITIES

Since 2012	Course Lecturer in various Epidemiology topics for MSc students, King's College and Imperial College London
Since 2011	Editorial Board member: 'Frontiers in Bone Endocrinology', 'BMC Musculoskeletal Disorders'
2010	Member of the 'FRAX-BMD Task Force' of the International Society for Clinical Densitometry
Since 2006	Scientific Reviewer: 'Annals of Internal Medicine' – 'Osteoporosis International' – 'Calcified Tissue International' – 'Medical Science Monitor'
Since 2006	Article Rater for the McMaster Online Rating of Evidence (MORE) System to Support Evidence-Based Clinical Practice
2007-2010	Treasurer and member of the Council for the Cambridge University Persian Society
2005-2006	Mentor of a series of Classes on Scientific Writing for Medical Journals
2004-2006	Mentor of Several Classes and Workshops on Common Practicing and Research Biases and Debiasing Techniques for Evidence-Based Medical Decision-Making

APPENDIX 1 (JOURNAL PUBLICATIONS)

- 1) **Moayyeri A**, Hsu YH, Karasik D, Estrada K, Xiao SM, Nielson C, Srikanth P, ..., Rivadeneira F, Uitterlinden AG, Prince RL, Kiel DP, Reeve J, Kaptoge SK. Genetic determinants of heel bone properties: Genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. Human Molecular Genetics 2014 Jan 14
- 2) Stegeman C1, Pechlaner R, Willeit P, Langley S, Mangino M, Mayr U, Menni C, **Moayyeri A**, Santer P, Rungger G, Spector TD, Willeit J, Kiechl S, Mayr M. Lipidomics Profiling and Risk of Cardiovascular Disease in the Prospective Population-Based Bruneck Study. Circulation 2014 Mar 12
- 3) **Moayyeri A**, Hammond CJ, Hart DJ, Spector TD. The UK Adult Twin Registry (TwinsUK Resource). Twin Research & Human Genetics 2013 Feb;16(1):144-9
- 4) Cecelja M, Hussain T, Greil G, Botnar R, Preston R, **Moayyeri A**, Spector TD, Chowienczyk P. Multimodality Imaging of Subclinical Aortic Atherosclerosis: Relation of Aortic Stiffness to Calcification and Plaque in Female Twins. Hypertension 2013 Mar;61(3):609-14
- 5) Broer L, Codd V, Nyholt DR, Deelen J, Mangino M, ..., **Moayyeri A**, ..., Spector TD, Slagboom PE, Martin NG, Samani NJ, van Duijn CM, Boomsma DI. Meta-analysis of telomere length in 19 713 subjects reveals high heritability, stronger maternal inheritance and a paternal age effect. Eur J Hum Genet 2013 Oct;21(10):1163-8
- 6) Welch AA, Macgregor AJ, Skinner J, Spector TD, **Moayyeri A**, Cassidy A. A higher alkaline dietary load is associated with greater indexes of skeletal muscle mass in women. Osteoporos Int 2013 Jun;24(6):1899-908
- 7) **Moayyeri A**, Hammond CJ, Hart DJ, Spector TD. Effects of age on genetic influence on bone loss over 17 years in women: the Healthy Ageing Twin Study (HATS). Journal of Bone and Mineral Research 2012 Oct;27(10):2170-8
- 8) Livshits G, Malkin I, Moayyeri A, Spector TD, Hammond CJ. Association of FTO gene variants with body composition in UK twins. Annals of Human Genetics 2012 Sep;76(5):333-41
- 9) Estrada K, Stykarsdottir U, Evangelou E, Hsu YH, Duncan EL, Ntzani EE, ..., **Moayyeri A**, ..., 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;44(5):491-501
- 10) **Moayyeri A**, Hammond CJ, Valdes AM, Spector TD. Cohort Profile: TwinsUK and Healthy Ageing Twin Study. International Journal of Epidemiology 2013 Feb;42(1):76-85
- 11) **Moayyeri A**, Soltani A, Moosapour H, Raza M. Evidence-based history taking under "time constraint". Journal of Research in Medical Sciences 2011 Apr;16(4):559-64.
- 12) **Moayyeri A**, Adams JE, Adler RA, Krieg MA, Hans D, Compston J, Lewiecki EM. Quantitative ultrasound of the heel and fracture risk assessment: an updated meta-analysis. Osteoporosis International 2012 Jan;23(1):143-53
- 13) **Moayyeri A**, Luben RN, Wareham NJ, Khaw Kay-Te. Body Fat Mass is a Predictor of Risk of Osteoporotic Fractures in Women but not in Men: a Prospective Population Study. Journal of Internal Medicine 2012 May;271(5):472-80
- 14) Lewiecki EM, Compston JE, Miller PD, Adachi JD, Adams JE, Leslie WD, Kanis JA, **Moayyeri A**, Adler RA, Hans DB, Kendler DL, Diez-Perez A, Krieg MA, Masri BK, Lorenc RR, Bauer DC, Blake GM, Josse RG, Clark P, Khan AA; FRAX(®) Position Development Conference Members. Official Positions for FRAX(®) Bone Mineral Density and FRAX(®) Simplification From Joint Official Positions Development Conference of the

International Society for Clinical Densitometry and International Osteoporosis Foundation on FRAX®. Journal of Clinical Densitometry 2011 Jul-Sep;14(3):226-36

- 15) **Moayyeri A, Besson H, Luben RN, Wareham NJ, Khaw KT.** The association between physical activity in different domains of life and risk of osteoporotic fractures. Bone 2010 Sep;47(3):693-700
- 16) **Moayyeri A, Alrawi YA, Myint PK.** The complex mutual connection between stroke and bone health. Archives of Biochemistry and Biophysics 2010 Nov;503(1):153-9
- 17) **Moayyeri A, Kaptoge S, Dalzell N, Luben RN, Wareham NJ, Bingham S, Reeve J, Khaw KT.** The effect of including quantitative ultrasound assessment in models for estimation of 10-year absolute risk of fracture. Bone 2009 Aug;45(2):180-4
- 18) **Moayyeri A.** The importance and applications of absolute fracture risk estimation in clinical practice and research. Bone 2009 Aug;45(2):154-7
- 19) **Moayyeri A, Bingham S, Luben RN, Wareham NJ, Khaw KT.** Respiratory function as a marker of bone health and fracture risk in an older population: the European Prospective Investigation into Cancer-Norfolk Study. Journal of Bone and Mineral Research 2009 May;24(5):956-63
- 20) **Moayyeri A, Kaptoge S, Luben RN, Wareham NJ, Bingham S, Reeve J, Khaw KT.** Estimation of absolute fracture risk among middle-aged and older men and women: the EPIC-Norfolk population cohort study. European Journal of Epidemiology 2009;24(5):259-66
- 21) **Moayyeri A, Kaptoge S, Dalzell N, Luben RN, Wareham NJ, Bingham S, Reeve J, Khaw KT.** Is QUS or DXA better for predicting the 10-year absolute risk of fracture? Journal of Bone and Mineral Research 2009 Jul;24(7):1319-25
- 22) **Moayyeri A.** Heel Ultrasound to Predict Fractures - How to Assess it and in Whom? Journal of Bone and Mineral Research 2009 Mar;24(3):558-9
- 23) **Moayyeri A.** Identification of Factors Influencing the Intervention Thresholds for Treatment of Osteoporosis Based on 10-Year Absolute Fracture Risks. Journal of Clinical Densitometry 2009 Jan-Mar;12(1):1-4
- 24) **Sadatsafavi M, Moayyeri A, Wang L, Leslie WD.** Heteroscedastic regression analysis of factors affecting bone mineral density monitoring. Journal of Bone and Mineral Research 2008 Nov;23(11):1842-9
- 25) **Moayyeri A.** The association between physical activity and osteoporotic fractures: A review of the evidence and implications for future research. Annals of Epidemiology 2008 Nov;18(11):827-35
- 26) **Sadatsafavi M, Moayyeri A, Wang L, Leslie WD.** Optimal decision criterion for detecting change in bone mineral density during serial monitoring: a Bayesian approach. Osteoporosis International 2008 Nov;19(11):1589-96
- 27) **Moayyeri A.** Comment on Kanis *et al.*: The use of clinical risk factors enhances the performance of BMD in the prediction of hip and osteoporotic fractures in men and women. Osteoporosis International 2008 Apr;19(4):591-2
- 28) **Moayyeri A, Luben RN, Bingham S, Welch A, Wareham NJ, Khaw KT.** Measured height loss predicts fractures in middle aged and older men and women: the EPIC-Norfolk prospective population study. Journal of Bone and Mineral Research 2008 Mar;23(3):425-32
- 29) **Leslie WD, Moayyeri A, Sadatsafavi M, Wang L.** A new approach for quantifying change and test precision in bone densitometry. Journal of Clinical Densitometry 2007 Oct-Dec;10(4):365-9
- 30) **Sadatsafavi M, Moayyeri A, Bahrami H, Soltani A.** The value of Bayes theorem in the interpretation of subjective diagnostic findings: what can we learn from agreement studies? Medical Decision Making 2007 Nov-Dec;27(6):735-43

- 31) **Moayyeri A, Sadatsafavi M, Leslie WD.** Sample size requirements for bone density precision assessments and the effect on patient categorization: a Monte Carlo simulation study. Bone 2007 Oct;41(4):679-84
- 32) **Soltani A, Moayyeri A.** Deterministic versus evidence-based attitude towards clinical diagnosis. Journal of Evaluation in Clinical Practice 2007 Aug;13(4):533-7
- 33) **Soltani A, Moayyeri A, Azizi F.** Combination therapy of Chloroquine and Methimazole in Graves' disease: a pilot randomized controlled trial. Biomedicine & Pharmacotherapy 2007 May;61(4):241-3
- 34) **Ahamdi-Abhari S, Moayyeri A, Soltani A, Abolhassani F.** Burden of hip fractures in Iran. Calcified Tissue International 2007 Mar;80(3):147-53
- 35) **Soltani A, Hasani-Ranjbar S, Moayyeri A.** Hypocalcemia as a presentation for multifocal osteosarcoma. Pediatric Blood Cancer 2008 Mar;50(3):687-9
- 36) **Hamidi A, Fakhrzadeh H, Moayyeri A, Pourebrahim R, Heshmat R, Nouri M, Rezaeikhah Y, Larijani B.** Obesity and associated cardiovascular risk factors in Iranian children: A cross-sectional study. Pediatrics International 2006 Dec;48(6):566-71
- 37) **Larijani B, Moayyeri A, Keshtkar A, Hossein-nezhad A, Soltani A, Bahrami A, Omrani GH, Rajabian R, Nabipour I.** Peak bone mass of Iranian population: the Iranian Multicenter Osteoporosis Study. Journal of Clinical Densitometry 2006 Jul-Sep;9(3):367-74
- 38) **Leslie WD, Moayyeri A; Manitoba Bone Density Program.** Minimum sample size requirements for bone density precision assessment produce inconsistency in clinical monitoring. Osteoporosis International 2006;17(11):1673-80
- 39) **Hamidi A, Fakhrzadeh H, Moayyeri A, Heshmat R, Ebrahimpour P, Larijani B.** Metabolic syndrome and leptin concentrations in obese children. Indian Journal of Pediatrics 2006 Jul;73(7):593-6
- 40) **Moayyeri A, Soltani A, Bahrami H, Sadatsafavi M, Jalili M, Larijani B.** Preferred skeletal site for osteoporosis screening in high-risk populations. Public Health 2006 Sep;120(9):863-71
- 41) **Soltani A, Moayyeri A.** Towards evidence-based diagnosis in developing countries: The use of likelihood ratios for robust quick diagnosis. Annals of Saudi Medicine 2006 May-Jun;26(3):211-215
- 42) **Moayyeri A, Soltani A, Larijani B, Naghavi M, Alaeddini F, Abolhasani F.** Epidemiology of hip fracture in Iran: results from the Iranian Multicenter Study on Accidental Injuries. Osteoporosis International 2006 May;17(8):1252-7
- 43) **Moayyeri A, Ahmadi-Abhari S, Hossein-nezhad A, Larijani B, Soltani A.** Bone mineral density and estimated height loss based on patients' recalls. Osteoporosis International 2006 Jun;17(6):834-40
- 44) **Abolhasani F, Moayyeri A, Naghavi M, Soltani A, Larijani B, Tavakoli Shalmani H.** Incidence and characteristics of falls leading to hip fracture in Iranian population. Bone 2006 Feb;39(2):408-13
- 45) **Soltani A, Moayyeri A.** What constitutes clinical evidence? A dynamic approach to clinical diagnosis. Canadian Family Physician 2005 Nov;51:1578-9, 1582-3
- 46) **Ilkhani M, Jahanbakhsh SM, Eghtesadi-Araghi P, Moayyeri A.** Accuracy of somatosensory evoked potentials in diagnosis of carpal tunnel syndrome. Clinical Neurology and Neurosurgery 2005 Dec;108(1):40-4
- 47) **Sadatsafavi M, Moayyeri A, Soltani A, Larijani B, Nourai M, Akhondzadeh S.** Artificial neural networks in prediction of bone density among post-menopausal women. Journal of Endocrinological Investigation 2005 May; 28(5):425-31
- 48) **Bahrami H, Daryani NE, Haghpanah B, Moayyeri A, Fayaz Moghadam K, Kamangar F.** Effects of indomethacin on viral replication markers in asymptomatic carriers of hepatitis b: a randomized placebo-controlled trial. American Journal of Gastroenterology 2005 Apr;100(4):856-61

- 49) **Moayyeri A**, Daryani NE, Bahrami H, Haghpanah B, Nayyer-Habibi A, Sadatsafavi M. Clinical course of ulcerative colitis in patients with and without primary sclerosing cholangitis: a case-control study. Journal of Gastroenterology and Hepatology 2005 Mar; 20(3):366-70
- 50) **Moayyeri A**, Soltani A, Khalegh-neghad Tabari N, Sadatsafavi M, Hossein-neghad A, Larijani B. Discordance in diagnosis of osteoporosis using spine and hip bone densitometry. BMC Endocrine Disorders 2005 Mar 11;5(1):3
- 51) Taheriazam A, Sadatsafavi M, **Moayyeri A**. Outcome predictors in non-operative management of newly diagnosed subacromial impingement syndrome: a longitudinal study. Medscape General Medicine 2005 Feb 14;7(1):63
- 52) **Moayyeri A**, Soltani A. Evidence based medicine: does it make a difference? ...as may be a top down approach. BMJ 2005 Jan 8;330(7482):93-4
- 53) Chams H, Mohammadi SF, **Moayyeri A**. Frequency and assortment of self-reported occupational complaints among Iranian ophthalmologists; a preliminary survey. Medscape General Medicine 2004 Dec 13; 6(4):1
- 54) Soleimani A, **Moayyeri A**, Akhondzadeh S, Sadatsafavi M, Shalmani HT, Soltanzadeh A. Frequency of myasthenic crisis in relation to thymectomy in generalized myasthenia gravis: a 17-year experience. BMC Neurology 2004 Sep 11;4(1):12
- 55) Soltani A, **Moayyeri A**, Raza M. Impediments to implementing evidence-based mental health in developing countries. Evidence Based Mental Health 2004 Aug;7(3):64-6

APPENDIX 2 (BOOK PUBLICATIONS)

- 1) *Soltani A, Ahmadi-Abhari S, Ashtarnakhaei P, Imami S, Enzevaei A, Khorrami A, Sadatsafavi M, Farshi S, Mortaz-Hijri S, Moayyeri A, Yousefi R (for the Evidence Based Medicine Working Team)*. Evidence Based Medicine. A Reference Book for Iranian Physicians. First and Second Edition: 2005 and 2007, Tehran University Press; Tehran, Iran: 318 pages (In Persian)
- 2) *Moayyeri A, Soltani A*. EBM Practice Series: Diagnosis, Screening, and Prognosis. 2006, Tehran University Press; Tehran, Iran: 78 pages
- 3) *Soltani A, Moayyeri A*. EBM Practice Series: Therapy. 2006, Tehran University Press; Tehran, Iran: 62 pages
- 4) *Soltani A, Moayyeri A*. EBM Practice Series: Research Methodological Issues. 2006, Tehran University Press; Tehran, Iran: 70 pages
- 5) *Soltani A, Moayyeri A*. EBM Practice Series: Biostatistical Practices for Physicians (1). 2006, Tehran University Press; Tehran, Iran: 85 pages
- 6) *Moayyeri A, Soltani A*. EBM Practice Series: Biostatistical Practices for Physicians (2). 2006, Tehran University Press; Tehran, Iran: 88 pages

APPENDIX 3 (CONFERENCE PRESENTATIONS)

- May 2013 Causal Metabolomic Pathways to Osteoporosis in Elderly Women
Talk: 40th European Symposium on Calcified Tissues, Lisbon, Portugal
- Jul 2012 Effects Of Age on Genetic Influence on Bone Density and Bone Loss Over 17 Years in Women: A Longitudinal Twin Study
Talk: National Osteoporosis Society meeting 2012, Manchester, UK
- May 2012 Novel Metabolomic Biomarkers for Osteoporosis and Longitudinal Bone Loss
Talk: 39th European Symposium on Calcified Tissues, Stockholm, Sweden
- May 2012 Heritability of Bone Loss over Time Fades Away with Advanced Ageing: The Healthy Ageing Twin Study (HATS)
Talk: 39th European Symposium on Calcified Tissues, Stockholm, Sweden
- Mar 2012 Effects Of Age on Genetic Influence on Bone Density and Bone Loss Over 17 Years in Women: A Longitudinal Twin Study
Poster: IOF-ECCEO12 Congress on Osteoporosis and Osteoarthritis, Bordeaux, France
- Mar 2011 Quantitative Ultrasound of the Heel and Fracture Risk Assessment: an updated Meta-Analysis
Talk: ECCEO11 and IOF World Conference of Osteoporosis, Valencia, Spain
- Nov 2010 Can Quantitative Ultrasound of the Calcaneus be used to Assess Fracture Risk with FRAX? an Updated Meta-analysis
Talk: ISCD/IOF FRAX[®] Initiative Conference, Bucharest, Romania
- Oct 2010 Meta-Analysis of Genome-Wide Association Studies for Quantitative Ultrasound of the Heel: the GEFOS Consortium
Poster: 32nd ASBMR Annual Meeting, Toronto, Canada
- Oct 2010 The Non-Linear Association between Percentage Body Fat and Fracture Risk: The European Prospective Investigation into Cancer-Norfolk Study
Poster: 32nd ASBMR Annual Meeting, Toronto, Canada
- Jun 2010 How adequate are follow up times in prospective studies for estimating 10-year absolute risk of fracture among the elderly?
Talk: 37th European Symposium on Calcified Tissues, Glasgow, UK
- Jun 2010 The association between body composition and bone health in EPIC-Norfolk study
Poster: ECTS Annual Symposium, Glasgow, UK
- May 2010 Association between different domains of physical activity and osteoporotic fractures
Poster: ECCEO10 and IOF World Conference of Osteoporosis, Florence, Italy
- Jun 2009 Relationship between different domains of physical activity and fractures: Results from the EPIC-Norfolk study
Talk: 2nd Joint Meeting of BRS & BSMB; London, UK
- May 2009 Length of follow-up required to achieve an accurate estimate of 10-year absolute risk of fracture among the elderly
Poster: 36th European Symposium on Calcified Tissues; Vienna, Austria
- May 2009 Comparison of quantitative ultrasound and dual-energy X-ray absorptiometry for prediction of 10-year absolute risk of fracture among older men and women
Poster: 36th European Symposium on Calcified Tissues; Vienna, Austria
- Mar 2009 Quantitative ultrasound versus dual-energy X-ray absorptiometry for prediction of prospective fracture risk: the EPIC-Norfolk study
Talk: ECCEO9 and IOF Meeting; Athena, Greece
- Sep 2008 Performance of QUS in comparison to DXA for prediction of prospective fractures among older men and women: the EPIC-Norfolk study
Talk: 30th ASBMR Annual Meeting; Montreal, Canada
- Sep 2008 Percentage body fat and risk of prospective hip fracture in older men and women: the EPIC-Norfolk study

- Jun 2008 **Plenary Poster:** 30th ASBMR Annual Meeting; Montreal, Canada
Comparison of DXA and QUS for prediction of fracture risk among older men and women: the EPIC-Norfolk cohort study
2nd Joint Meeting of the BRS and the BORS; Manchester, UK
- Jun 2008 The association between body composition and bone health: The European Prospective Investigation into Cancer-Norfolk study
Poster: 2nd International Conference on Osteoimmunology; Rhodes island, Greece
- May 2008 Absolute risk of fractures in middle-aged and older men and women: the European Prospective Investigation into Cancer-Norfolk study
Poster: 35th European Symposium on Calcified Tissues; Barcelona, Spain
- Apr 2008 Estimation of absolute fracture risk among middle-aged and older men and women: the EPIC-Norfolk population cohort study
Poster: ECCEO8; Istanbul, Turkey
- Apr 2008 Association between respiratory function and bone health: results from European prospective investigation into cancer-Norfolk study
Poster: ECCEO8; Istanbul, Turkey
- Mar 2008 The effect of including QUS Assessment in fracture risk prediction models for older men and women: the EPIC-Norfolk cohort study
Talk: ISCD Annual Meeting; San Francisco, USA
- Nov 2007 Respiratory function is associated with bone ultrasound measures and hip fracture: European prospective investigation into cancer-Norfolk population cohort study
Talk: 12th National Osteoporosis Society Conference.; Edinburgh, UK
- Jul 2007 Height loss predicts fractures in middle aged and older men and women: the EPIC-Norfolk prospective population study
Talk: Bone Research Society Annual Meeting; Aberdeen, UK
- Jul 2007 Sample Size Requirements for Bone Density Precision Assessments and the Effect on Patient Categorization
Poster: Bone Research Society Annual Meeting; Aberdeen, UK
- Mar 2007 A new approach for quantifying BMD change and test precision
Talk: 13th ISCD Annual Meeting; Tampa, FL, USA (*Award Winner for Best Clinical Abstract*)
- Jun 2006 Impact of observer variation on post-test probability: results from a simulation study
Poster: The 2nd North American Congress of Epidemiology; Seattle, USA
- Jun 2006 Epidemiology of hip fracture in Iran: results from the Iranian multicenter study on accidental injuries (IMSAI)
Poster: IOF World Congress on Osteoporosis; Toronto, Canada
- Jun 2006 Incidence and characteristics of falls leading to hip fracture in Iranian population
Poster: IOF World Congress on Osteoporosis; Toronto, Canada
- Jun 2006 Peak bone mass of Iranian population: the Iranian Multicenter Osteoporosis Study (IMOS)
Poster: IOF World Congress on Osteoporosis; Toronto, Canada
- Jun 2006 Burden of hip fracture in Iran
Poster: IOF World Congress on Osteoporosis; Toronto, Canada
- Jun 2006 Minimum sample size requirements for bone density precision assessment produce inconsistency in clinical monitoring
Poster: IOF World Congress on Osteoporosis; Toronto, Canada
- May 2006 Results of the Iranian Multicenter Osteoporosis Study about peak bone mass of Iranian people
Talk: 13th Asia-Oceania Congress of Endocrinology; Tehran, Iran (*Award Winner for the Outstanding Oral Presentation*)
- Oct 2005 Serum leptin levels and severity of obesity in Iranian Children
Poster: European Childhood Obesity Group Conference; Vienna, Austria
- Oct 2005 Obesity and associated cardiovascular risk factors in primary school children
Poster: NASSO Annual Meeting.; Vancouver, British Columbia, Canada

- Sep 2005 Discordance in diagnosis of osteoporosis using spine and hip bone densitometry
Talk: 3rd Young Medics' International Conference; Yerevan, Armenia
- Dec 2004 Relations between estimation of height reduction and bone mineral density among Iranian population
Poster: 10th National Osteoporosis Society Conference; Harrogate, UK
- Nov 2004 Effects of indomethacin on viral replication in asymptomatic carriers of hepatitis B; a randomized placebo-controlled double-masked clinical trial
Poster: 132nd APHA Annual Meeting; Washington, USA
- Apr 2002 The Ophthalmologist Occupational Health: Preliminary Survey of Iranian Ophthalmologists' Occupational Health
Poster: 29th International Congress of Ophthalmology; Sidney, Australia

APPENDIX 4 (EXTRA-CURRICULAR COURSES)

June 2013	Metabolic Phenotyping in Disease Diagnosis & Personalised Health Care, Imperial College London
Feb 2013	Functional Genomics Workshop, Biomedical Research Centre, St. Thomas' Hospital, King's College London
Apr 2011	Next Generation Sequencing Workshop, European Bioinformatics Institute, Hinxton, UK
May 2010	The Open Door Workshop on Working with the Human Genome Sequence (Residential Advanced Course), Wellcome Trust Sanger Institute, Hinxton, UK
Feb 2010	Advanced Course in Multivariable Model-building based on fractional polynomials for modelling continuous variables, MRC Biostatistics Unit, University of Cambridge
Jan 2010	Introduction to Programming Concepts course by the Computer Services, University of Cambridge
Apr 2009	Beginners Guide to R Language (BE45) course by the Department of Genetics, University of Cambridge
Mar 2009	Advanced Course in Genome-Wide Association studies (GE03) by the Netherlands Institute for Health Sciences, Erasmus MC, Rotterdam
Nov 2008	Good Clinical Practice (GCP) and EU Directive (2001/20/EC) by the R&D Cambridge University Hospitals NHS Foundation Trust, Addenbrooke's Hospital, Cambridge
Sep 2008	PhD Training Course by the European Calcified Tissue Society (ECTS), Domus Sessoriana, Rome, Italy
Feb 2008	Entrepreneurship Course by the Centre for Entrepreneurial Learning (CfEL), University of Cambridge
Jan 2008	IOF Advance Training Course by the International Osteoporosis Foundation, Centre de Congress, Lyon, France
Jan 2008	Project Management Workshop by the Clinical School, University of Cambridge
Dec 2007	Targeting Bone Remodeling for the Treatment of Osteoporosis Conference, ASBMR, Omni Shoreham Hotel, Washington DC, USA
Sep 2007	PhD Training Course by the European Calcified Tissue Society (ECTS), St. Catherine's College, Oxford, UK
Jun 2007	How Can Clinical Trialists Serve the Needs of Clinicians and Patients More Effectively? The Royal Society of Medicine, London, UK
2003-2006	Weekly classes of Evidence Based Medicine and Critical Appraisal (Basic, Intermediate, and Advanced), Endocrinology & Metabolism Research Centre, Shariati Hospital, Tehran University of Medical Sciences (more than 300 hours)
Aug 2005	Managing Information Resources in Research using Reference Manager 11.0 Software, The National Research Centre of Medical Sciences, Tehran University of Medical Sciences
Jun 2004	Developing a Clinical Presentation Curriculum, Centre for Educational Development and Research, Deputy Ministry for Education and University Affairs, Tehran
Sep 2003	Workshop of Scientific Writing (Basic and Intermediate), Research Development Centre, Shariati Hospital, Tehran University of Medical Sciences
Nov 2002	Advanced Workshop of Methodology of Medical Research & Biostatistics, Students Research Centre, Tehran University of Medical Sciences
Sep 2001	Workshop of Internet for physicians, Students Research Centre, Tehran University of Medical Sciences
Oct 2000	Workshop on Principles of Research Methodology and Biostatistics, Students Research Centre, Tehran University of Medical Sciences