

**Curriculum Vitae**  
**Zhila Maghbooli, PhD**

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**ACADEMIC TRAINING:**

MPhil/Ph.D.	Medical biology sciences
M.S.c.	Molecular Diagnosis
MS.c.	Midwifery
B.C.	Midwifery

**ACADEMIC APPOINTMENTS:**

2018- present	Assistant Professor of Genetics, Multiple Sclerosis Research Center, Tehran University of Medical Sciences, Tehran, Iran
2015-2018	Assistant Professor of Genetics, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences, Tehran, Iran
2015-2017	Research deputy of Osteoporosis Research Center of Tehran University of medical science, Tehran, Iran
2008-2017	Manager of Bio-Nano Technology Laboratory of Endocrinology and Metabolism Research Institute of Tehran University of Medical Science since
2002-2008	Researcher of Endocrinology and Metabolism Research Center, Tehran, Iran

**HONORS:**

2017	ESCEO-IOF Young Investigator Award
2017	Travel Award for presentation in IOF congers Florence, Italy from Endocrinology and metabolism research Institute and International osteoporosis foundation.
2016	“Kazemi Ashtiyani” award (The National Foundation of Elites), as a top graduate in PhD
2016	Assistant professor proposal award from Bonyade Meli Nokhbegan (BMN is a National Foundation of Elites).
2015	Travel Award for presentation in IOF congers Abu Dhabi, United Arab Emirates from Endocrinology and metabolism research Institute and International osteoporosis foundation.
2009	Three year PhD students supporting award from Bonyade Meli Nokhbegan (BMN is a National Foundation of Elites)
2008	Nottingham scholarship tuition fees for MSc. course (Molecular Diagnostic) in UK
2007	The 13th Razi Research Festival on Medical Sciences Award as a best researcher

**TEACHING EXPERIENCE AND RESPONSIBILITIES:**

- 2014-2017 Regular lectures to MSc students (Nutrition, Genetic), Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences, Tehran, Iran
- 2008-2017 Regular lectures to genetic laboratory staffs, Bio-Nano Technology Group, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences, Tehran, Iran

**MAJOR ADMINISTRATIVE RESPONSIBILITIES:**

- 2014-2017 Research deputy of Osteoporosis Research Center of Tehran University of medical science, Tehran, Iran
- 2008-2017 Manager of Bio-Nano Technology Laboratory of Endocrinology and Metabolism Research Institute of Tehran University of Medical Science, Tehran, Iran

**ORIGINAL, PEER REVIEWED****ARTICLES:**

1. Maghbooli, Z., et al., Negative correlation of high-density lipoprotein-cholesterol and bone mineral density in postmenopausal Iranian women with vitamin D deficiency. *Menopause*, 2018. **25**(4): p. 458-464.
1. Sajjadi, S.F., Mirzaei, K., Khorrami-Nezhad, L., **Maghbooli, Z.**, Keshavarz, S.A.: Vitamin D Status and Resting Metabolic Rate May Modify through Expression of Vitamin D Receptor and Peroxisome Proliferator-Activated Receptor Gamma Coactivator-1 Alpha Gene in Overweight and Obese Adults. *Annals of nutrition & metabolism* 72(1), 43-49 (2017). doi:10.1159/000485662
2. Moradi, S., Khorrami-nezhad, L., **Maghbooli, Z.**, Hosseini, B., Keshavarz, S.A., Mirzaei, K.: Vitamin D receptor gene variation, dietary intake and bone mineral density in obese women: A cross sectional study. *Journal of Nutritional Science and Vitaminology* 63(4), 228-236 (2017). doi:10.3177/jnsv.63.228
3. Moradi, S., Khorrami-Nezhad, L., Ali-Akbar, S., Zare, F., Alipour, T., Dehghani Kari Bozorg, A., Yekaninejad, M.S., **Maghbooli, Z.\***, Mirzaei, K.: The associations between dietary patterns and bone health, according to the TGF-beta1 T869-->C polymorphism, in postmenopausal Iranian women. *Aging Clin Exp Res* (2017). doi:10.1007/s40520-017-0828-2
4. Mollahosseini, M., Daneshzad, E., Rahimi, M.H., Yekaninejad, M.S., **Maghbooli, Z.\***, Mirzaei, K.: The Association between Fruit and Vegetable Intake and Liver Enzymes (Aspartate and Alanine Transaminases) in Tehran, Iran. *Ethiopian journal of health sciences* 27(4), 401-410 (2017).
5. Mohseni, R., Aliakbar, S., Abdollahi, A., Yekaninejad, M.S., **Maghbooli, Z.**, Mirzaei, K.: Relationship between major dietary patterns and sarcopenia among menopausal women. *Aging Clinical and Experimental Research* 29(6), 1241-1248 (2017). doi:10.1007/s40520-016-0721-4
6. Mirzababaei, A., Mirzaei, K., Khorrami-nezhad, L., **Maghbooli, Z.**, Keshavarz, S.A.: Metabolically healthy/unhealthy components may modify bone mineral density in obese people. *Archives of Osteoporosis* 12(1) (2017). doi:10.1007/s11657-017-0381-9

7. **Maghbooli, Z.\***, Hossein-Nezhad, A., Ramezani, M., Moattari, S.: Epigenetic Alterations and Exposure to Air Pollutants: Protocol for a Birth Cohort Study to Evaluate the Association Between Adverse Birth Outcomes and Global DNA Methylation. *Jmir Research Protocols* 6(2) (2017). doi:10.2196/resprot.7114
8. **Maghbooli, Z.**, Hossein-Nezhad, A., Jafarpour, M., Noursaadat, S., Ramezani, M., Hashemian, R., Moattari, S.: Direct costs of osteoporosis-related hip fractures: Protocol for a cross-sectional analysis of a national database. *BMJ Open* 7(4) (2017). doi:10.1136/bmjopen-2016-014898
9. **Maghbooli, Z.**, Hossein-Nezhad, A.: Epigenetic Alterations and Exposure to Air Pollutants: Protocol for a Birth Cohort Study to Evaluate the Association Between Adverse Birth Outcomes and Global DNA Methylation. 6(2), e29 (2017). doi:10.2196/resprot.7114
10. Kheradmand, M., **Maghbooli, Z.**, Salemi, S., Sanjari, M.: Associations of MTHFR C677T polymorphism with insulin resistance, results of NURSE Study (Nursing Unacquainted Related Stress Etiologies). *Journal of Diabetes and Metabolic Disorders* 16(1) (2017). doi:10.1186/s40200-017-0303-9
11. Feizabad, E., Hossein-nezhad, A., **Maghbooli, Z.**, Ramezani, M., Hashemian, R., Moattari, S.: Impact of air pollution on vitamin D deficiency and bone health in adolescents. *Archives of Osteoporosis* 12(1) (2017). doi:10.1007/s11657-017-0323-6
12. Alizadeh, S., Mirzaei, K., Mohammadi, C., Keshavarz, S.A., **Maghbooli, Z.**: Circulating omentin-1 might be associated with metabolic health status in different phenotypes of body size. *Archives of endocrinology and metabolism*, 0 (2017). doi:10.1590/2359-3997000000269
13. **Maghbooli, Z.**, Shabani, P., Gorgani-Firuzjaee, S., Hossein-nezhad, A.: The association between bone turnover markers and microvascular complications of type 2 diabetes. *Journal of Diabetes and Metabolic Disorders* 15(1) (2016). doi:10.1186/s40200-016-0274-2
14. **Maghbooli, Z.**, Emamgholipour, S., Hossein-nezhad, A., Shirzad, M., Gorgani Firuzjaee, S.: Suitable bone markers assessing bone status in patients with both coronary artery disease and diabetes. *Journal of Diabetes and Metabolic Disorders* 15(1) (2016). doi:10.1186/s40200-016-0259-1
15. **Maghbooli, Z.**, Emamgholipour, S., Hossein-Nezhad, A., Shirzad, M., Firuzjaee, S.G.: Suitable bone markers assessing bone status in patients with both coronary artery disease and diabetes. *Journal of Diabetes and Metabolic Disorders* 15 (2016). doi:10.1186/s40200-016-0259-1
16. Larijani, B., Hossein-Nezhad, A., Feizabad, E., **Maghbooli, Z.**, Adibi, H., Ramezani, M., Taheri, E.: Vitamin D deficiency, bone turnover markers and causative factors among adolescents: A cross-sectional study. *Journal of Diabetes and Metabolic Disorders* 15(1) (2016). doi:10.1186/s40200-016-0266-2
17. Hosseini, B., Mirzaei, K., **Maghbooli, Z.**, Keshavarz, S.A., Hossein-Nezhad, A.: Compare the resting metabolic rate status in the healthy metabolically obese with the unhealthy metabolically obese participants. *Journal of Nutrition and Intermediary Metabolism* 6, 48-53 (2016). doi:10.1016/j.jnim.2016.07.003
18. **Maghbooli, Z.**, Hossein-Nezhad, A., Larijani, B., Pasalar, P., Keshtkar, A.A.: Association between alterations in global DNA methylation and predisposing factors in diabetes: A high pressure liquid chromatography based study. *Minerva Medica* 106(4), 221-231 (2015).
19. **Maghbooli, Z.**, Hossein-Nezhad, A., Larijani, B., Pasalar, P., Keshticar, A.A.: Association between alterations in global DNA methylation and predisposing factors in diabetes: a high pressure liquid chromatography based study. *Minerva Medica* 106(4), 221-231 (2015).
20. **Maghbooli, Z.**, Hossein-nezhad, A., Larijani, B., Amini, M., Keshtkar, A.: Global DNA methylation as a possible biomarker for diabetic retinopathy. *Diabetes/Metabolism Research and Reviews* 31(2), 183-189 (2015). doi:10.1002/dmrr.2584
21. **Maghbooli, Z.**, Hossein-Nezhad, A.: Transcriptome and Molecular Endocrinology Aspects of Epicardial Adipose Tissue in Cardiovascular Diseases: A Systematic Review and Meta-Analysis of Observational Studies. *Biomed Res Int* 2015, 926567 (2015). doi:10.1155/2015/926567
22. **Maghbooli, Z.**, Emamgholipour, S., Hossein-Nezhad, A., Shirzad, M., Gorgani Firuzjaee, S.: Suitable bone markers assessing bone status in patients with both coronary artery disease and diabetes. *J Diabetes Metab Disord* 15(1), 35 (2015). doi:10.1186/s40200-016-0266-2
23. **Maghbooli, Z.**, Pasalar, P., Keshtkar, A., Farzadfar, F., Larijani, B.: Predictive factors of diabetic complications: A possible link between family history of diabetes and diabetic retinopathy. *Journal of Diabetes and Metabolic Disorders* 13(1) (2014). doi:10.1186/2251-6581-13-55

24. **Maghbooli, Z.**, Larijani, B., Emamgholipour, S., Amini, M., Keshtkar, A., Pasalar, P.: Aberrant DNA methylation patterns in diabetic nephropathy. *Journal of Diabetes and Metabolic Disorders* 13(1) (2014). doi:10.1186/2251-6581-13-69
25. Hossein-Nezhad, A., Eshaghi, S.M., **Maghbooli, Z.**, Mirzaei, K., Shirzad, M., Curletto, B., Chen, T.C.: The role of vitamin D deficiency and vitamin D receptor genotypes on the degree of collateralization in patients with suspected coronary artery disease. *BioMed Research International* 2014 (2014). doi:10.1155/2014/304250
26. Hossein-Nezhad, A., Eshaghi, S.M., **Maghbooli, Z.**, Mirzaei, K., Shirzad, M., Curletto, B.: The role of vitamin D deficiency and vitamin d receptor genotypes on the degree of collateralization in patients with suspected coronary artery disease. 2014, 304250 (2014). doi:10.1155/2014/304250
27. Najmi Varzaneh, F., Sharifi, F., Hossein-Nezhad, A., Mirarefin, M., **Maghbooli, Z.**, Ghaderpanahi, M., Larijani, B., Fakhrzadeh, H.: Association of vitamin D receptor with longevity and healthy aging. *Acta Medica Iranica* 51(4), 236-241 (2013).
28. Emamgholipour, S., Eshaghi, S.M., Hossein-nezhad, A., Mirzaei, K., **Maghbooli, Z.**, Sahraian, M.A.: Adipocytokine Profile, Cytokine Levels and Foxp3 Expression in Multiple Sclerosis: A Possible Link to Susceptibility and Clinical Course of Disease. *PLoS ONE* 8(10) (2013). doi:10.1371/journal.pone.0076555
29. Chen, T.C., Emamgholipour, S., Eshaghi, S.M., Hossein-nezhad, A., Mirzaei, K., **Maghbooli, Z.**, Sahraian, M.A.: Adipocytokine profile, cytokine levels and foxp3 expression in multiple sclerosis: a possible link to susceptibility and clinical course of disease. *Biomed Res Int* 8(10), e76555 (2013). doi:10.1155/2014/30425010.1371/journal.pone.0076555
30. Anousha, N., Hossein-Nezhad, A., Biramijamal, F., Rahmani, A., **Maghbooli, Z.**, Aghababaei, E., Nemati, S.: Association study of estrogen receptor alpha gene polymorphisms with spontaneous abortion: Is this a possible reason for unexplained spontaneous abortion? *BioMed Research International* 2013 (2013). doi:10.1155/2013/256470
31. **Maghbooli, Z.**, Hossein-Nezhad, A., Shirzad, M., Behzadi, H.: The role of osteoprotegerin/nuclear factor kB ligand in coronary collateral development. *European Journal of Inflammation* 9(1), 57-64 (2011). doi:10.1177/1721727X1100900109
32. Hossein-Nezhad, A., Mirzaei, K., **Maghbooli, Z.**, Najmafshar, A., Larijani, B.: The influence of folic acid supplementation on maternal and fetal bone turnover. *Journal of Bone and Mineral Metabolism* 29(2), 186-192 (2011). doi:10.1007/s00774-010-0205-0
33. Hossein-nezhad, A., Mirzaei, K., Ahmadi, S., **Maghbooli, Z.**, Karimi, F.: Comparison of incidence of pregnancy induced hypertension in gestational diabetes mellitus and healthy pregnant women. *Iranian Journal of Diabetes and Lipid Disorders* 10, 1-9 (2011).
34. Aslani, S., Hossein-Nezhad, A., Mirzaei, K., **Maghbooli, Z.**, Asgarabad, S.N., Karimi, F.: Tandem repeats of the CATT element of macrophage migration inhibitory factor gene may predict gestational diabetes mellitus severity. *European Journal of Inflammation* 9(2), 185-191 (2011). doi:10.1177/1721727X1100900213
35. Aslani, S., Hossein-Nezhad, A., Mirzaei, K., **Maghbooli, Z.**, Afshar, A.N., Karimi, F.: VDR FokI polymorphism and its potential role in the pathogenesis of gestational diabetes mellitus and its complications. *Gynecological Endocrinology* 27(12), 1055-1060 (2011). doi:10.3109/09513590.2011.569786
36. Aslani, S., Hossein-Nezhad, A., **Maghbooli, Z.**, Mirzaei, K., Karimi, F.: Genetic variation in macrophage migration inhibitory factor associated with gestational diabetes mellitus and metabolic syndrome. *Hormone and Metabolic Research* 43(8), 557-561 (2011). doi:10.1055/s-0031-1275706
37. Alatab, S., **Maghbooli, Z.**, Hossein-Nezhad, A., Khosrofar, M., Mokhtari, F.: Cytokine profile, Foxp3 and nuclear factor-kB ligand levels in multiple sclerosis subtypes. *Minerva Medica* 102(6), 461-468 (2011).
38. **Maghbooli, Z.**, Hossein-Nezhad, A., Mirzaei, K., Karimi, F., Besharati, A., Omidfar, K., Larijani, B.: Association between retinol-binding protein 4 concentrations and gestational diabetes mellitus and risk of developing metabolic syndrome after pregnancy. *Reproductive sciences (Thousand Oaks, Calif.)* 17(2), 196-201 (2010). doi:10.1177/1933719109351097
39. Hossein-nezhad, A., Mirzaei, K., **Maghbooli, Z.**, Rahmani, M., Larijani, B.: Resistin, adiponectin and visfatin; can adipocytokines predict gestational diabetes mellitus and early post partum metabolic syndrome? *Iranian Journal of Diabetes and Lipid Disorders* 9 (2010).

40. Hossein-nezhad, A., **Maghbooli, Z.**, Mirzaei, K., Rahmani, M., Larijani, B.: Osteocalcin and cross laps status among women with gestational diabetes mellitus during pregnancy. *Iranian Journal of Diabetes and Lipid Disorders* 9 (2010).
41. Hossein-Nezhad, A., Nikoo, M.K., **Maghbooli, Z.**, Karimi, F., Mirzaei, K., Hosseini, A., Larijani, B.: Relationship between serum Vitamin D concentration and Metabolic Syndrome among Iranian Adults Population. *Daru-Journal of Pharmaceutical Sciences* 17, 1-5 (2009).
42. Hossein-nezhad, A., Mirzaei, K., **Maghbooli, Z.**, Larijani, B.: Maternal glycemic status in GDM patients after delivery. *Iranian Journal of Diabetes and Lipid Disorders* 8(1), 95-104 (2009).
43. Hossein-Nezhad, A., Khoshniat Nikoo, M., **Maghbooli, Z.**, Karimi, F., Mirzaei, K., Hosseini, A., Larijani, B.: Relationship between serum vitamin D concentration and metabolic syndrome among Iranian adults population. *Daru* 17(SUPPL. 1), 1-5 (2009).
44. Hossein-Nezhad, A., Ahangari, G., Behzadi, H., **Maghbooli, Z.**, Larijani, B.: The immunomodulatory effect of vitamin D in osteoimmunology. *Daru* 17(SUPPL. 1), 6-12 (2009).
45. Hossein-Nezhad, A., Ahangari, G., Behzadi, H., **Maghbooli, Z.**, Larijani, B.: Vitamin D receptor gene polymorphism may predict response to vitamin D intake and bone turnover. *Daru* 17(SUPPL. 1), 13-19 (2009).
46. Zirkohi, A.M., **Maghbooli, Z.**, Hossein-nezhad, A., Zare, F., Bandarian, F., Saghafi, H., Larijani, B.: The Influence of Adipokines on Fetal Bone Turnover. *Iranian Journal of Public Health*, 36-40 (2008).
47. **Maghbooli, Z.\***, Hossein-Nezhad, A., Karimi, F., Shafaei, A.R., Larijani, B.: Correlation between vitamin D-3 deficiency and insulin resistance in pregnancy. *Diabetes-Metabolism Research and Reviews* 24(1), 27-32 (2008). doi:10.1002/dmrr.737
48. **Maghbooli, Z.**, Hossein-Nezhad, A., Karimi, F., Shafaei, A.R., Larijani, B.: Correlation between vitamin D3 deficiency and insulin resistance in pregnancy. *Diabetes/Metabolism Research and Reviews* 24(1), 27-32 (2008). doi:10.1002/dmrr.737
49. Hossein-nezhad, A., Afjeh, M.S., Saghafi, H., Rahmani, M., Parviz, M., **Maghbooli, Z.**, Larijani, B.: The Fingernail Protein Content May predict Bone Turnover in Postmenopausal Women. *Iranian Journal of Public Health*, 55-62 (2008).
50. Hafezi, R., Hossein-nezhad, A., Mirsafa, M., **Maghbooli, Z.**, Saghafi, H., Karimi, F., Larijani, B.: Association between Vitamin D Deficiency and Unexplained Musculoskeletal Pain. *Iranian Journal of Public Health*, 49-54 (2008).
51. Eshaghi, S.M., Hossein-nezhad, A., **Maghbooli, Z.**, Larijani, B.: Relationship between Mandibular BMD and Bone Turnover Markers in Osteoporosis Diagnosis. *Iranian Journal of Public Health*, 63-71 (2008).
52. Ataie-Jafari, A., Hossein-nezhad, A., **Maghbooli, Z.**, Karimi, F., Rahmani, M., Shahbazi, S., Larijani, B.: The Influence of Sunlight Exposure on Serum Vitamin D Concentration and Bone Turnover; a controlled clinical trial. *Iranian Journal of Public Health*, 41-48 (2008).
53. Zare, F., Moradizirkohi, A., **Maghbooli, Z.**, Hossein-Nezhad, A., Omidfar, K., Rahmani, M., Larijani, B.: Relationship between serum umbilical cord and maternal leptin and adiponectin concentrations with fetal growth parameters. *Iranian Journal of Public Health*, 75-79 (2007).
54. Zare, F., Moradizirkohi, A., **Maghbooli, Z.**, Hossein-Nezhad, A., Omidfar, K., Rahmani, M., Larijani, B.: Relationship between serum umbilical cord and maternal leptin and adiponectin concentrations with fetal growth parameters. *Iranian Journal of Public Health* 36(SUPPL.), 75-79 (2007).
55. Tofighi, P., Hossein-Nezhad, A., Sedighi, N., **Maghbooli, Z.**, Larijani, B.: Vertebral geometry parameters can predict fractures. *Iranian Journal of Public Health* 36(SUPPL.), 14-23 (2007).
56. **Maghbooli, Z.**, Hossein-Nezhad, A., Shafaei, A.R., Karimi, F., Madani, F.S., Larijani, B.: Vitamin D status in mothers and their newborns in Iran. *BMC Pregnancy and Childbirth* 7 (2007). doi:10.1186/1471-2393-7-1
57. **Maghbooli, Z.**, Hossein-nezhad, A., Rahmani, M., Shafaei, A.R., Larijani, B.: Relationship between leptin concentration and insulin resistance. *Hormone and Metabolic Research* 39(12), 903-907 (2007). doi:10.1055/s-2007-992812
58. **Maghbooli, Z.**, Hossein-Nezhad, A., Nikoo, M.K., Shafei, A.R., Rahmani, M., Larijani, B.: Bone marker status in mothers and their newborns in Iran. *Journal of Maternal-Fetal and Neonatal Medicine* 20(9), 639-643 (2007). doi:10.1080/14767050701483470

59. **Maghbooli, Z.**, Hossein-Nezhad, A., Khoshniat, M., Adibi, H., Mohammadzadeh, N., Larijani, B.: A study of bone mineral density in diabetic patients. *Iranian Journal of Public Health* 36(SUPPL.), 37-44 (2007).
60. **Maghbooli, Z.**, Hossein-Nezhad, A., Adibi, H., Karimi, F., Shafaei, A.R., Larijani, B.: Association between renal stone, bone mineral density and biochemical parameters. *Iranian Journal of Public Health* 36(SUPPL.), 45-50 (2007).
61. Hossein-Nezhad, A., **Maghbooli, Z.**, Vassigh, A.R., Larijani, B.: Prevalence of gestational diabetes mellitus and pregnancy outcomes in Iranian women. *Taiwanese Journal of Obstetrics and Gynecology* 46(3), 236-241 (2007). doi:10.1016/S1028-4559(08)60026-1
62. Hossein-Nezhad, A., **Maghbooli, Z.**, Shafaei, A.R., Javadi, E., Larijani, B.: Relationship between tea drinking and bone mineral density in Iranian population. *Iranian Journal of Public Health* 36(SUPPL.), 57-62 (2007).
63. Hossein-Nezhad, A., **Maghbooli, Z.**, Bandarian, F., Mortaz, S., Soltani, A., Larijani, B.: Association of bone mineral density and lifestyle in men. *Iranian Journal of Public Health* 36(SUPPL.), 51-56 (2007).
64. Zirkohi, A.M., Khoshniat, M., Zare, F., **Maghbooli, Z.**, Hossein-Nezhad, A., Shafaei, A., Larijani, B.: Association between leptin and adiponectin and birth weight. *Iranian Journal of Diabetes and Lipid Disorders* 6(2) (2006).
65. Sabour, H., Hossein-Nezhad, A., **Maghbooli, Z.**, Madani, F., Mir, E., Larijani, B.: Relationship between pregnancy outcomes and maternal vitamin D and calcium intake: A cross-sectional study. *Gynecological Endocrinology* 22(10), 585-589 (2006). doi:10.1080/09513590601005409

#### CASE REPORTS, REVIEWS, CHAPTERS AND EDITORIALS

##### Proceedings of Meetings & Invited Papers:

1. **Maghbooli, Z.**, Noravesh, F., Sharifi, R., Hossein-Nezhad, A., Shirazi, S., Malekhosseini, A., Aghaei, A., Larijani, B.: Musculoskeletal status in patients with skeletal discrepancies. *Osteoporosis International* 28, S224-S224 (2017).
2. **Maghbooli, Z.**, Hossein-Nezhad, A., Sadeghi, M., Aliakbar, S., Asadollahpour, E., Zare, F., Zakeri, L., Larijani, B.: Global DNA methylation as a possible mechanism for the effect of vitamin D in bone health. *Osteoporosis International* 28, S236-S236 (2017).
3. **Maghbooli, Z.**, Hossein-Nezhad, A., Sadeghi, M., Adibi, H., Larijani, B.: Alterations in DNA methylation might explain the impaired bone remodeling in diabetic patients. *Osteoporosis International* 28, S475-S475 (2017).
4. **Maghbooli, Z.**, Hossein-Nezhad, A., Larijani, B.: Persian version of the SARC-F: validation and cultural adaptation to evaluate sarcopenia in Iran. *Osteoporosis International* 28, S317-S317 (2017).
5. **Maghbooli, Z.**, Hossein-Nezhad, A., Farokhi, A., Khoshechin, G., Niketeghad, G., Mohammadnabi, S., Larijani, B.: Evidence circulating ctrp3 as a possible marker in patients with osteoarthritis.. *Osteoporosis International* 28, S223-S224 (2017).
6. Machawe, M., Ahmadi, S., **Maghbooli, Z.**, Eshaghi, S.M., Shirazi, S., Hossein-Nezhad, A., Larijani, B.: Stand Strong: ycllic yoga for musculo-skeltal health. *Osteoporosis International* 28, S256-S257 (2017).
7. Hossein-Nezhad, A., **Maghbooli, Z.**, Noursaadat, S., Jafarpour, M., Adibi, H., Ramezani, M., Hashemian, R., Moattari, S., Larijani, B.: Direct cost of hospital admissions due to hip fractures: primary analysis of a national database in iran. *Osteoporosis International* 28, S505-S505 (2017).
8. Hossein-Nezhad, A., **Maghbooli, Z.**, Khorrami-Nezhad, L., Ramezani, M., Zare, F., Rezanezhad, M., Razi, F., Malek-Hosseini, A., Larijani, B.: Low vitamin D linked to high-density lipoprotein and bone loss in postmenopausal women. *Osteoporosis International* 28, S252-S253 (2017).
9. Abdollahi, A., Hajizadehghaz, M., **Maghbooli, Z.**, Mirzaei, K.: Adherence to iranian traditional dietary pattern may increase the risk of knee osteoarthritis grade in postmenopausal women. *Osteoporosis International* 28, S560-S561 (2017).

10. Panahi, N., Hossein-Nezhad, A., AghaeiMeybodi, H.R., Qorbani, M., Soltani, A., **Maghbooli, Z.**, Larijani, B.: C Comparative study of bone mineral densitometry and discordancy between women on levothyroxine for hypothyroidism and healthy women. *Osteoporosis International* 27, S98-S99 (2016).
11. Mirzaei, K., Khorrami-Nezhad, L., **Maghbooli, Z.**, Moradi, S., Hossein-Nezhad, A.: Looking for answer: breast-feeding and parity consider as risk or protective factor on osteoporosis. *Osteoporosis International* 27, S466-S466 (2016).
12. Mirzaei, K., Khorrami-Nezhad, L., **Maghbooli, Z.**, Keshavarz, S.A., Hossein-Nezhad, A.: Minerals intake may predict the bone discordance between two types of bone tissue: lumbar (L2-L4) and total hip. *Osteoporosis International* 27, S467-S468 (2016).
13. **Maghbooli, Z.**, Hossein-Nezhad, A., Larijani, B., Eshaghi, S.M., Ramezani, M., Taheri, E.: Statins: are they wonder drugs in fracture risk? *Osteoporosis International* 27, S371-S371 (2016).
14. **Maghbooli, Z.**, Feizabad, E., Niketeghad, G., Hossein-Nezhad, A., Taheri, E., Larijani, B.: Dietary sources of calcium among adolescents and its effect on bone turnover. *Osteoporosis International* 27, S284-S284 (2016).
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