SELEZIONE BIBLIOGRAFICA

CARDIOLOGIA

- Abudawood M, Tabassum H, Ansar S, Almosa K, Sobki S, Ali MN, Aljohi A. Assessment of gender-related differences in vitamin D levels and cardiovascular risk factors in Saudi patients with type 2 diabetes mellitus. Saudi J Biol Sci. 2018 Jan;25(1):31-36. doi: 10.1016/j.sjbs.2017.04.001. Epub 2017 Apr 4. PubMed PMID: 29379353; PubMed Central PMCID: PMC5775082.

- Cerit L. Vitamin D as a modifiable risk factor for incident heart failure in atrial fibrillation. JACC Heart Fail. 2018 Jan;6(1):85-86. Doi: 10.1016/j.jchf.2017.08.007. PubMed PMID: 29284584.

- Dejkhamron P, Wejaphikul K, Mahatumarat T, Silvilairat S, Charoenkwan P, Saekho S, Unachak K. Vitamin D deficiency and its relationship with cardiac iron and function in patients with transfusion-dependent thalassemia at Chiang Mai University Hospital. Pediatr Hematol Oncol. 2018 Jan 23:1-8. doi: 10.1080/08880018.2018.1424280. [Epub ahead of print] PubMed PMID: 29359982.

- Harvey NC, D'Angelo S, Paccou J, Curtis EM, Edwards M, Raisi-Estabragh Z, Walker-Bone K, Petersen SE, Cooper C. Calcium and vitamin D supplementation are not associated with risk of incident ischemic cardiac events or death: findings from the UK Biobank Cohort. J Bone Miner Res. 2018 Jan 4. doi: 10.1002/jbmr.3375. [Epub ahead of print] PubMed PMID: 29314248.

- Gjødesen CU, Jørgensen ME, Bjerregaard P, Dahl-Petersen IK, Larsen CVL, Noël M, Melbye M, Cohen AS, Lundqvist M, Hougaard DM, Helge JW, Nielsen NO. Associations between vitamin D status and atherosclerosis among Inuit in Greenland. Atherosclerosis. 2018 Jan;268:145-151. Doi: 10.1016/j.atherosclerosis.2017.11.028. Epub 2017 Dec 1. PubMed PMID: 29227867.

- Goodwill AM, Campbell S, Simpson S Jr, Bisignano M, Chiang C, Dennerstein L, Szoeke C. Vitamin D status is associated with executive function a decade later: Data from the Women's Healthy Ageing Project. Maturitas. 2018 Jan;107:56-62. Doi: 10.1016/j.maturitas.2017.10.005. Epub 2017 Oct 4. PubMed PMID: 29169581.

- Rodriguez AJ, Mousa A, Ebeling PR, Scott D, de Courten B. Effects of vitamin D supplementation on inflammatory markers in heart failure: a systematic review and meta-analysis of randomized controlled trials. Sci Rep. 2018 Jan 18;8(1):1169. doi: 10.1038/s41598-018-19708-0. PubMed PMID: 29348609; PubMed Central PMCID: PMC5773527.

- Sheerah HA, Eshak ES, Cui R, Imano H, Iso H, Tamakoshi A; Japan Collaborative Cohort Study Group. Relationship between dietary vitamin D and deaths from stroke and coronary heart disease: the Japan Collaborative Cohort Study. Stroke. 2018 Feb;49(2):454-457. doi: 10.1161/STROKEAHA.117.019417. Epub 2018 Jan 8. PubMed PMID: 29311267.

- Stratford K, Haykal-Coates N, Thompson L, Krantz QT, King C, Krug J, Gilmour MI, Farraj A, Hazari M. Early-life persistent vitamin D deficiency alters cardiopulmonary responses to particulate matter-enhanced atmospheric smog in adult mice. Environ Sci Technol. 2018 Jan 30. doi: 10.1021/acs.est.7b04882. [Epub ahead of print] PubMed PMID: 29382191.

- Wang EW, Pang MY, Siu PM, Lai CK, Woo J, Collins AR, Benzie IF. Vitamin D status and cardiometabolic risk factors in young adults in Hong Kong: associations and implications. Asia Pac J Clin Nutr. 2018;27(1):231-237. doi: 10.6133/apjcn.022017.08. PubMed PMID: 29222903.

- Wimalawansa SJ. Vitamin D and cardiovascular diseases: causality. J Steroid Biochem Mol Biol. 2018 Jan;175:29-43. doi: 10.1016/j.jsbmb.2016.12.016. Epub 2016 Dec 24. Review. PubMed PMID: 28027913.

- Wu Y, Liu F, Ma X, Adi D, Gai MT, Jin X, Yang YN, Huang Y, Xie X, Li XM, Fu ZY, Chen BD, Ma YT. iTRAQ analysis of a mouse acute myocardial infarction model reveals that vitamin D binding protein promotes cardiomyocyte apoptosis after hypoxia. Oncotarget. 2017 Dec 6;9(2):1969-1979. doi: 10.18632/

oncotarget.23025. eCollection 2018 Jan 5. PubMed PMID: 29416745; PubMed Central PMCID: PMC5788613.

- Zhang L, Yan X, Zhang YL, Bai J, Hidru TH, Wang QS, Li HH. Vitamin D attenuates pressure overload-induced cardiac remodeling and dysfunction in mice. J Steroid Biochem Mol Biol. 2018 Jan 11. pii: S0960-0760(18)30016-5. Doi: 10.1016/j.jsbmb.2018.01.009. [Epub ahead of print] PubMed PMID: 29337094.

DERMATOLOGIA

- Krawiecka E, Ślebioda Z, Szponar E, Kowalska A, Dorocka-Bobkowska B. Vitamin D status in recurrent aphthous stomatitis. Postepy Dermatol Alergol. 2017 Dec;34(6):612-617. doi: 10.5114/pdia.2017.69683. Epub 2017 Dec 31. PubMed PMID: 29422828; PubMed Central PMCID: PMC5799753.

- Tsai TY, Huang YC. Vitamin D deficiency in patients with alopecia areata: A systematic review and meta-analysis. J Am Acad Dermatol. 2018 Jan;78(1):207-209. doi: 10.1016/j.jaad.2017.07.051. PubMed PMID: 29241789.

- Umar M, Sastry KS, Al Ali F, Al-Khulaifi M, Wang E, Chouchane AI. Vitamin D and the pathophysiology of inflammatory skin diseases. Skin Pharmacol Physiol. 2018 Jan 6;31(2):74-86. doi: 10.1159/000485132. [Epub ahead of print] PubMed PMID: 29306952.

- Wallace G, Myers KC, Teusink-Cross A, Davies SM, Khandelwal P, Jodele S. Topical vitamin D analog for chronic graft versus host disease of the skin. Bone Marrow Transplant. 2018 Jan 15. doi: 10.1038/s41409-017-0031-2. [Epub ahead of print] PubMed PMID: 29335622.

- Zhang W, Lian L, Qin L, Sun L, Wang Y, Zhou P. Does an increase in vitamin D concentrations have a clear positive significance in reducing the SCORing atopic dermatitis scores in children with atopic dermatitis? Minerva Pediatr. 2018 Jan 29. doi: 10.23736/S0026-4946.18.05043-0. [Epub ahead of print] PubMed PMID: 29381012.

- Zhao B, Li R, Yang F, Yu F, Xu N, Zhang F, Ge X, Du J. LPS-induced Vitamin D receptor decrease in oral keratinocytes is associated with oral lichen planus. Sci Rep. 2018 Jan 15;8(1):763. doi: 10.1038/s41598-018-19234-z. PubMed PMID: 29335479; PubMed Central PMCID: PMC5768778.

EPIDEMIOLOGIA

- Al-Alyani H, Al-Turki HA, Al-Essa ON, Alani FM, Sadat-Ali M. Vitamin D deficiency in Saudi Arabians: a reality or simply hype: a meta-analysis (2008-2015). J Family Community Med. 2018 Jan-Apr;25(1):1-4. Doi: 10.4103/jfcm.JFCM_73_17. Review. PubMed PMID: 29386955; PubMed Central PMCID: PMC5774037.

- Al-Daghri NM. Vitamin D in Saudi Arabia: prevalence,distribution and disease associations. J Steroid Biochem Mol Biol. 2018 Jan;175:102-107. Doi: 10.1016/j.jsbmb.2016.12.017. Epub 2016 Dec 24. Review. PubMed PMID: 28027916.

- Brüggmann D, Alafi A, Jaque J, Klingelhöfer D, Bendels MH, Ohlendorf D, Quarcoo D, Louwen F, Ingles SA, Wanke EM, Groneberg DA. World-wide research architecture of vitamin D research: density-equalizing mapping studies and socio-economic analysis. Nutr J. 2018 Jan 6;17(1):3. doi: 10.1186/s12937-018-0313-6. PubMed PMID: 29306332; PubMed Central PMCID: PMC5756608.

- Cashman KD, Sheehy T, O'Neill CM. Is vitamin D deficiency a public health concern for low middle income countries? A systematic literature review. Eur J Nutr. 2018 Jan 17. doi: 10.1007/s00394-018-1607-3. [Epub ahead of print] PubMed PMID: 29344677.

- Dhibar DP, Sahu KK, Bhadada SK. Vitamin D deficiency: Time for a reality check of the epidemiology. Re. "The increasing problem of subclinical and overt hypervitaminosis D in India: An institutional experience and review." Nutrition. 2018 Jan;45:145. doi: 10.1016/j.nut.2017.04.007. Epub 2017 Apr 26. PubMed PMID: 28652074.

- Grønborg IM, Tetens I, Ege M, Christensen T, Andersen EW, Andersen R. Modelling of adequate and safe vitamin D intake in Danish women using different fortification and supplementation scenarios to inform fortification policies. Eur J Nutr. 2018 Jan 3. doi: 10.1007/s00394-017-1586-9. [Epub ahead of print] PubMed PMID: 29299734.

- Haddad SA, Ruiz-Narváez EA, Cozier YC, Gerlovin H, Rosenberg L, Palmer JR. Degree of European Genetic Ancestry is associated with serum vitamin D levels in African Americans. Am J Epidemiol. 2018 Jan 30. doi: 10.1093/aje/kwy015. [Epub ahead of print] PubMed PMID: 29390092.

- Haq A, Svobodová J, Sofi NY, Jindrová A, Kába B, Rajah J, Al Anouti F, Abdel-Wareth L, Wimalawansa SJ, Razzaque MS. Vitamin D status among the juvenile population: a retrospective study. J Steroid Biochem Mol Biol. 2018 Jan;175:49-54. doi: 10.1016/j.jsbmb.2017.01.005. Epub 2017 Jan 17. PubMed PMID: 28108200.

- Haq A, Wimalawansa SJ, Carlberg C. Highlights from the 5th International Conference on Vitamin D Deficiency, Nutrition and Human Health, Abu Dhabi, United Arab Emirates, March 24-25, 2016. J Steroid Biochem Mol Biol. 2018 Jan;175:1-3. doi: 10.1016/j.jsbmb.2017.04.008. Epub 2017 Apr 27. PubMed PMID: 28457966.

- Malczewska-Lenczowska J, Sitkowski D, Surała O, Orysiak J, Szczepańska B, Witek K. The association between iron and vitamin D status in female elite athletes. Nutrients. 2018 Jan 31;10(2). pii: E167. doi: 10.3390/nu10020167. PubMed PMID: 29385099.

- Mezzavilla M, Tomei S, Alkayal F, Melhem M, Ali MM, Al-Arouj M, Bennakhi A, Alsmadi O, Elkum N. Investigation of genetic variation and lifestyle determinants in vitamin D levels in Arab individuals. J Transl Med. 2018 Jan 30;16(1):20. doi: 10.1186/s12967-018-1396-8. PubMed PMID: 29382345; PubMed Central PMCID: PMC5791363.

- Nimri LF. Vitamin D status of female UAE college students and associated risk factors. J Public Health (Oxf). 2018 Jan 27. doi: 10.1093/pubmed/fdy009. [Epub ahead of print] PubMed PMID: 29385507.

- Reece AS, Hulse GK. What are the characteristics of vitamin D metabolism in opioid dependence? An exploratory longitudinal study in Australian primary care. BMJ Open. 2018 Jan 13;8(1):e016806. doi: 10.1136/bmjopen-2017-016806. PubMed PMID: 29331964; PubMed Central PMCID: PMC5780717.

- Suryanarayana P, Arlappa N, Sai San-

thosh V, Balakrishna N, Lakshmi Rajkumar P, Prasad U, Raju BB, Shivakeseva K, Divya Shoshanni K, Seshacharyulu M, Geddam JB, Prasanthi PS, Ananthan R. Prevalence of vitamin D deficiency and its associated factors among urban elderly population in Hyderabad metropolitan city, South India. Ann Hum Biol. 2018 Jan 8:1-19. doi: 10.1080/03014460.2018.1425479. [Epub ahead of print] PubMed PMID: 29307228.

- Wyskida M, Owczarek A, Szybalska A, Brzozowska A, Szczerbowska I, Wieczorowska-Tobis K, Puzianowska-Kuźnicka M, Franek E, Mossakowska M, Grodzicki T, Więcek A, Olszanecka-Glinianowicz M, Chudek J. Socio-economic determinants of vitamin D deficiency in the older Polish population: results from the PolSenior study. Public Health Nutr. 2018 Jan 21:1-9. doi: 10.1017/S1368980017003901. [Epub ahead of print] PubMed PMID: 29352837.

ENDOCRINOLOGIA

- Benetti E, Mastrocola R, Chiazza F, Nigro D, D'Antona G, Bordano V, Fantozzi R, Aragno M, Collino M, Minetto MA. Effects of vitamin D on insulin resistance and myosteatosis in diet-induced obese mice. PLoS One. 2018 Jan 17;13(1):e0189707. doi: 10.1371/journal.pone.0189707. eCollection 2018. PubMed PMID: 29342166; PubMed Central PMCID: PMC5771572.

- Bentes CM, Resende M, Miranda H, Netto CC, Marinheiro LPF. Can vitamin D msupplementation alone effective to increase a physical fitness levels in post-menopausal women with metabolic disorders? Brief review. Diabetes Metab Syndr. 2018 Jan - Mar;12(1):65-68. doi: 10.1016/j.dsx.2017.08.010. Epub 2017 Aug 24. Review. PubMed PMID: 28855070.

- Björkhem-Bergman L, Lehtihet M, Rane A, Ekström L. Vitamin D receptor rs2228570 polymorphism is associated with LH levels in men exposed to anabolic androgenic steroids. BMC Res Notes. 2018 Jan 19;11(1):51. doi: 10.1186/s13104-018-3173-4. PubMed PMID: 29351807; PubMed Central PMCID: PMC5775552.

- Cadario F, Savastio S, Ricotti R, Rizzo AM, Carrera D, Maiuri L, Ricordi C. Administration of vitamin D and high dose of omega 3 to sustain remission of type 1 diabetes. Eur Rev Med Pharmacol Sci. 2018 Jan;22(2):512-515. Doi: 10.26355/eurrev_201801_14203. PubMed PMID: 29424911.

- Correa-Rodríguez M, Carrillo-Ávila JA, Schmidt-RioValle J, González-Jiménez E, Vargas S, Martín J, Rueda-Medina B. Genetic association analysis of vitamin D receptor gene polymorphisms and obesity-related phenotypes. Gene. 2018 Jan 15;640:51-56. doi: 10.1016/j.gene.2017.10.029. Epub 2017 Oct 13. PubMed PMID: 29032145.

- Das G, Taylor PN, Javaid H, Tennant BP, Geen J, Aldridge A, Okosieme O. Seasonal variation of vitamin D and serum thyrotropin levels and its relationship in a euthyroid caucasian population. Endocr Pract. 2018 Jan;24(1):53-59. Doi: 10.4158/EP-2017-0058. Epub 2017 Nov 16. PubMed PMID: 29144817.

- Dix CF, Barcley JL, Wright ORL. The role of vitamin D in adipogenesis. Nutr Rev. 2018 Jan 1;76(1):47-59. doi: 10.1093/nutrit/nux056. PubMed PMID: 29244099.

- Elbers LPB, Wijnberge M, Meijers JCM, Poland DCW, Brandjes DPM, Fliers E, Gerdes VEA. Coagulation and fibrinolysis in hyperparathyroidism secondary to vitamin D deficiency. Endocr Connect. 2018 Jan 9. pii: EC-17-0249. Doi: 10.1530/EC-17-0249. [Epub ahead of print] PubMed PMID: 29317405.

- Gonzalez AM, Sell KM, Ghigiarelli JJ, Spitz RW, Accetta MR, Mangine GT. Effect of multi-ingredient supplement containing satiereal, naringin, and vitamin D on body composition, mood, and satiety in overweight adults. J Diet Suppl. 2018 Jan 16:1-12. doi: 10.1080/19390211.2017.1407385. [Epub ahead of print] PubMed PMID: 29336628.

- Hu L, Zhang Y, Wang X, You L, Xu P, Cui X, Zhu L, Ji C, Guo X, Wen J. Maternal vitamin D status and risk of gestational diabetes: a meta-analysis. Cell Physiol Biochem. 2018;45(1):291-300. doi: 10.1159/000486810. Epub 2018 Jan 19. PubMed PMID: 29402818.

- Kaderli RM, Riss P, Dunkler D, Pietschmann P, Selberherr A, Scheuba C, Niederle B. The impact of vitamin D status on hungry bone syndrome after surgery for primary hyperparathyroidism. Eur J Endocrinol. 2018 Jan;178(1):1-9. Doi: 10.1530/EJE-17-0416. Epub 2017 Sep 6. PubMed PMID: 28877925.

- Kim MH, Lee J, Ha J, Jo K, Lim DJ, Lee JM, Chang SA, Kang MI, Cha BY. Gender specific association of parathyroid hormone and vitamin D with metabolic syndrome in population with preserved renal function. Sci Rep. 2018 Jan 18;8(1):1149. doi: 10.1038/s41598-017-17397-9. PubMed PMID: 29348466; PubMed Central PMCID: PMC5773688.

- Mayer O, Seidlerová J, Černá V, Kučerová A, Karnosová P, Hronová M, Wohlfahrt P, Fuchsová R, Filipovský J, Cífková R, Topolčan O, Pešta M. Serum vitamin D status, vitamin D receptor polymorphism, and glucose homeostasis in healthy subjects. Horm Metab Res. 2018 Jan;50(1):56-64. Doi: 10.1055/s-0043-122144. Epub 2017 Nov 28. PubMed PMID: 29183090.

- Nobre JL, Lisboa PC, Carvalho JC, Martins MR, Vargas S, Barja-Fidalgo C, de Moura EG, de Oliveira E. Leptin blocks the inhibitory effect of vitamin D on adipogenesis and cell proliferation in 3T3-L1 adipocytes. Gen Comp Endocrinol. 2018 Jan 12. pii: S0016-6480(17)30624-X. doi: 10.1016/j.ygcen.2018.01.014. [Epub ahead of print] PubMed PMID: 29339180.

- Ogata M, Iwasaki N, Ide R, Takizawa M, Tanaka M, Tetsuo T, Sato A, Uchigata Y. Role of vitamin D in energy and bone metabolism in postmenopausal women with type 2 diabetes mellitus: a 6-month follow-up evaluation. J Diabetes Investig. 2018 Jan;9(1):211-222. doi: 10.1111/jdi.12666. Epub 2017 Jun 15. PubMed PMID: 28371517; PubMed Central PMCID: PMC5754515.

- Safar HA, Chehadeh SEH, Abdel-Wareth L, Haq A, Jelinek HF, ElGhazali G, Anouti FA. Vitamin D receptor gene polymorphisms among Emirati patients with type 2 diabetes mellitus. J Steroid Biochem Mol Biol. 2018 Jan;175:119-124. Doi: 10.1016/j.jsbmb.2017.03.012. Epub 2017 Mar 18. PubMed PMID: 28323045.

- Schmitt EB, Nahas-Neto J, Bueloni-Dias F, Poloni PF, Orsatti CL, Petri Nahas EA. Vitamin D deficiency is associated with metabolic syndrome in postmenopausal women. Maturitas. 2018 Jan;107:97-102. doi: 10.1016/j.maturitas.2017.10.011. Epub 2017 Oct 18. PubMed PMID: 29169589.

- Sultan M, Twito O, Tohami T, Ramati E, Neumark E, Rashid G. Vitamin D diminishes the high platelet aggregation of type 2 diabetes mellitus patients. Platelets. 2018 Jan 9:1-6. doi: 10.1080/09537104.2017.1386298. [Epub ahead of print] PubMed PMID: 29313404.

- Wang S, Wu Y, Zuo Z, Zhao Y, Wang K. The effect of vitamin D supplementation on thyroid autoantibody levels in the treatment of autoimmune thyroiditis: a systematic review and a meta-analysis. Endocrine. 2018 Jan 31. doi: 10.1007/s12020-018-1532-5. [Epub ahead of print] PubMed PMID: 29388046.

- Wimalawansa SJ. Associations of vitamin D with insulin resistance, obesity, type 2 diabetes, and metabolic syndrome. J Steroid Biochem Mol Biol. 2018 Jan;175:177-189. doi: 10.1016/j.jsbmb.2016.09.017. Epub 2016 Sep 20. Review. PubMed PMID: 27662816.

- Yao X, Ei-Samahy MA, Yang H, Feng X, Li F, Meng F, Nie H, Wang F. Age-associated expression of vitamin D receptor and vitamin D-metabolizing enzymes in the male reproductive tract and sperm of Hu sheep. Anim Reprod Sci. 2018 Jan 10. pii: S0378-4320(17)30781-9. doi: 10.1016/j.anireprosci.2018.01.003. [Epub ahead of print] PubMed PMID: 29336863.

- Yuan Y, Das SK, Li M. Vitamin D ameliorates impaired wound healing in streptozotocin induced diabetic mice by suppressing NF-κB mediated inflammatory genes expression. Biosci Rep. 2018 Jan 12. pii: BSR20171294. Doi: 10.1042/BSR20171294. [Epub ahead of print] PubMed PMID: 29330224.

- Yu S, Li X, Wang Y, Mao Z, Wang C, Ba Y, Li W. Transmission disequilibrium of rs4809957 in type 2 diabetes mellitus families and its association with vitamin D deficiency: A family-based case-control study. J Diabetes Complications. 2018 Jan 12. pii: S1056-8727(17)31097-8. Doi: 10.1016/j.jdiacomp.2018.01.004. [Epub ahead of print] PubMed PMID: 29428204.

- Zhao Y, Guo Y, Jiang Y, Zhu X, Zhang X. Vitamin D suppresses macrophage infiltration by down-regulation of TREM-1 in diabetic nephropathy rats. Mol Cell Endocrinol. 2018 Jan 10. pii: S0303-7207(18)30001-7. Doi: 10.1016/j.mce.2018.01.001. [Epub ahead of print] PubMed PMID: 29331667.

- Çelik LS, Kuyucu Y, Yenilmez ED, Tuli A, Dağlıoğlu K, Mete UÖ. Effects of vitamin D on ovary in DHEA-treated PCOS rat model: a light and electron microscopic study. Ultrastruct Pathol. 2018 Jan-Feb;42(1):55-64. Doi: 10.1080/01913123.2017.1385668. Epub 2017 Dec 1. PubMed PMID: 29192811.

GINECOLOGIA E OSTETRICIA

- Baca KM, Govil M, Zmuda JM, Simhan HN, Marazita ML, Bodnar LM. Vitamin D metabolic loci and preeclampsia risk in multi-ethnic pregnant women. Physiol Rep. 2018 Jan;6(2). doi: 10.14814/phy2.13468. PubMed PMID: 29380949; PubMed Central PMCID: PMC5789712.

- Baca KM, Govil M, Zmuda JM, Simhan HN, Marazita ML, Bodnar LM. Vitamin D metabolic loci and vitamin D status in Black and White pregnant women. Eur J Obstet Gynecol Reprod Biol. 2018 Jan;220:61-68. Doi: 10.1016/j.ejogrb.2017.11.013. Epub 2017 Nov 16. PubMed PMID: 29175129.

- Carmeliet G, Bouillon R. How Important Is Vitamin D for Calcium Homeostasis During Pregnancy and Lactation? J Bone Miner Res. 2018 Jan;33(1):13-15. Doi: 10.1002/jbmr.3344. Epub 2018 Jan 3. PubMed PMID: 29165840.

- Chu J, Gallos I, Tobias A, Tan B, Eapen A, Coomarasamy A. Vitamin D and assisted reproductive treatment outcome: a systematic review and meta-analysis. Hum Reprod. 2018 Jan 1;33(1):65-80. doi: 10.1093/humrep/dex326. PubMed PMID: 29149263.

- Daraki V, Roumeliotaki T, Chalkiadaki G, Katrinaki M, Karachaliou M, Leventakou V, Vafeiadi M, Sarri K, Vassilaki M, Papavasiliou S, Kogevinas M, Chatzi L. Low maternal vitamin D status in pregnancy increases the risk of childhood obesity. Pediatr Obes. 2018 Jan 28. doi: 10.1111/ijpo.12267. [Epub ahead of print] PubMed PMID: 29377526.

- Daraki V, Roumeliotaki T, Koutra K, Chalkiadaki G, Katrinaki M, Kyriklaki A, Kampouri M, Margetaki K, Vafeiadi M, Papavasiliou S, Kogevinas M, Chatzi L. High maternal vitamin D levels in early pregnancy may protect against behavioral difficulties at preschool age: the Rhea mother-child cohort, Crete, Greece. Eur Child Adolesc Psychiatry. 2018 Jan;27(1):79-88. doi: 10.1007/s00787-017-1023-x. Epub 2017 Jul 6. PubMed PMID: 28685401.

- Elsori DH, Hammoud MS. Vitamin D deficiency in mothers, neonates and children. J Steroid Biochem Mol Biol. 2018 Jan;175:195-199. Doi: 10.1016/j.jsbmb.2017.01.023. Epub 2017 Feb 5. Review. PubMed PMID: 28179126.

- Emmerson AJB, Dockery KE, Mughal MZ, Roberts SA, Tower CL, Berry JL. Vitamin D status of white pregnant women and infants at birth and 4 months in North West England: a cohort study. Matern Child Nutr. 2018 Jan;14(1). Doi: 10.1111/mcn.12453. Epub 2017 Apr 18. PubMed PMID: 28421711.

- Ganz AB, Park H, Malysheva OV, Caudill MA. Vitamin D binding protein rs7041 genotype alters vitamin D metabolism in pregnant women. FASEB J. 2018 Jan 5:fj201700992R. doi: 10.1096/fj.201700992R. [Epub ahead of print] PubMed PMID: 29196501.

- Hornsby E, Pfeffer PE, Laranjo N, Cruikshank W, Tuzova M, Litonjua AA, Weiss ST, Carey VJ, O'Connor G, Hawrylowicz C. Vitamin D supplementation during pregnancy: effect on the neonatal immune system in a randomized controlled trial. J Allergy Clin Immunol. 2018 Jan;141(1):269-278.e1. Doi: 10.1016/j.jaci.2017.02.039. Epub 2017 May 26. PubMed PMID: 28552588.

- Jensen ME, Murphy VE, Gibson PG, Mattes J, Camargo CA Jr. Vitamin D status in pregnant women with asthma and its association with adverse respiratory outcomes during infancy. J Matern Fetal Neonatal Med. 2018 Jan 5:1-6. doi: 10.1080/14767058.2017.1419176. [Epub ahead of print] PubMed PMID: 29303025.

- Karamali M, Bahramimoghadam S, Sharifzadeh F, Asemi Z. Magnesium-zinc-calcium-vitamin D co-supplementation improves glycemic control and markers of cardio-metabolic risk in gestational diabetes: a randomized, double-blind, placebo-controlled

trial. Appl Physiol Nutr Metab. 2018 Jan 9. doi: 10.1139/apnm-2017-0521. [Epub ahead of print] PubMed PMID: 29316405.

- Karras SN, Polyzos SA, Newton DA, Wagner CL, Hollis BW, Ouweland JVD, Dursun E, Gezen-Ak D, Kotsa K, Annweiler C, Naughton DP. Adiponectin and vitamin D-binding protein are independently associated at birth in both mothers and neonates. Endocrine. 2018 Jan;59(1):164-174. doi: 10.1007/s12020-017-1475-2. Epub 2017 Nov 18. PubMed PMID: 29151248.

- Kim JH, Kim GJ, Lee D, Ko JH, Lim I, Bang H, Koes BW, Seong B, Lee DC. Higher maternal vitamin D concentrations are associated with longer leukocyte telomeres in newborns. Matern Child Nutr. 2018 Jan;14(1). doi: 10.1111/mcn.12475. Epub 2017 Jun 9. PubMed PMID: 28598004.

- Krieger JP, Cabaset S, Canonica C, Christoffel L, Richard A, Schröder T, von Wattenwyl BL, Rohrmann S, Lötscher KQ. Prevalence and determinants of vitamin D deficiency in the third trimester of pregnancy: a multicentre study in Switzerland. Br J Nutr. 2018 Feb;119(3):299-309. doi: 10.1017/S0007114517003634. Epub 2018 Jan 10. PubMed PMID: 29318983.

- Kuyucu Y, Çelik LS, Kendirlinan Ö, Tap Ö, Mete UÖ. Investigation of the uterine structural changes in the experimental model with polycystic ovary syndrome and effects of vitamin D treatment: an ultrastructural and immunohistochemical study. Reprod Biol. 2018 Jan 8. pii: S1642-431X(17)30247-4. doi: 10.1016/j.repbio.2018.01.002. [Epub ahead of print] PubMed PMID: 29325695.

- Moukarzel S, Ozias M, Kerling E, Christifano D, Wick J, Colombo J, Carlson S. Maternal vitamin D status and infant infection. Nutrients. 2018 Jan 23;10(2). pii: E111. doi: 10.3390/nu10020111. PubMed PMID: 29360733.

- Nguyen TPH, Yong HEJ, Chollangi T, Brennecke SP, Fisher SJ, Wallace EM, Ebeling PR, Murthi P. Altered downstream target gene expression of the placental Vitamin D receptor in human idiopathic fetal growth restriction. Cell Cycle. 2018 Jan 7:1-9. doi: 10.1080/15384101.2017.1405193. [Epub ahead of print] PubMed PMID: 29161966.

- Santamaria C, Bi WG, Leduc L, Tabatabaei N, Jantchou P, Luo ZC, Audibert F, Nuyt AM, Wei SQ. Prenatal vitamin D status and offspring's growth, adiposity and metabolic health: a systematic review and meta-analysis. Br J Nutr. 2018 Feb;119(3):310-319. doi: 10.1017/S0007114517003646. Epub 2018 Jan 11. PubMed PMID: 29321080.

- Stougaard M, Damm P, Frederiksen P, Jacobsen R, Heitmann BL. Extra vitamin D from fortification and the risk of preeclampsia: The D-tect Study. PLoS One. 2018 Jan 25;13(1):e0191288. doi: 10.1371/journal.pone.0191288. ECollection 2018. PubMed PMID: 29370249; PubMed Central PMCID: PMC5784930.

- Tamblyn JA, Jenkinson C, Larner DP, Hewison M, Kilby MD. Serum and urine vitamin D metabolite analysis in early preeclampsia. Endocr Connect. 2018 Jan;7(1):199-210. doi: 10.1530/EC-17-0308. Epub 2017 Dec 7. PubMed PMID: 29217650; PubMed Central PMCID: PMC5793806.

- Tao RX, Meng DH, Li JJ, Tong SL, Hao JH, Huang K, Tao FB, Zhu P. Current Recommended Vitamin D Prenatal Supplementation and Fetal Growth: Results From the China-Anhui Birth Cohort Study. J Clin Endocrinol Metab. 2018 Jan 1;103(1):244-252. doi: 10.1210/jc.2017-00850. PubMed PMID: 29096022.

- Uwitonze AM, Uwambaye P, Isyagi M, Mumena CH, Hudder A, Haq A, Nessa K, Razzaque MS. Periodontal diseases and adverse pregnancy outcomes: Is there a role for vitamin D? J Steroid Biochem Mol Biol. 2018 Jan 16. pii: S0960-0760(18)30018-9. doi: 10.1016/j.jsbmb.2018.01.010. [Epub ahead of print] Review. PubMed PMID: 29341890.

- Vereen S, Kocak M, Potukuchi PK, Hartman TJ, Tylavsky F, Carroll KN. The association of maternal prenatal vitamin D levels and child current wheeze. Ann Allergy Asthma Immunol. 2018 Jan;120(1):98-99. doi: 10.1016/j.anai.2017.10.005. Epub 2017 Nov 20. PubMed PMID: 29162316; PubMed Central PMCID: PMC5791544.

- Vranken L, Emonts P, Bruyère O, Cavalier E. [Vitamin D deficiency during pregnancy : what's the local situation ?]. Rev Med Liege. 2018 Jan;73(1):10-16. French. PubMed PMID: 29388405.

- Wang H, Xiao Y, Zhang L, Gao Q. Maternal early pregnancy vitamin D status in relation to low birth weight and small-for-gestational-age offspring. J Steroid Biochem Mol Biol. 2018 Jan;175:146-150. doi: 10.1016/j.jsbmb.2017.09.010. Epub 2017 Sep 20. PubMed PMID: 28939424.

- Wen J, Hong Q, Wang X, Zhu L, Wu T, Xu P, Fu Z, You L, Wang X, Ji C, Guo X. The effect of maternal vitamin D deficiency during pregnancy on body fat and adipogenesis in rat offspring. Sci Rep. 2018 Jan 10;8(1):365. doi: 10.1038/s41598-017-18770-4. PubMed PMID: 29321608; PubMed Central PMCID: PMC5762667.

- Wheeler BJ, Taylor BJ, de Lange M, Harper MJ, Jones S, Mekhail A, Houghton LA. A longitudinal study of 25-hydroxy vitamin D and parathyroid hormone status throughout pregnancy and exclusive lactation in New Zealand mothers and their infants at 45°S. Nutrients. 2018 Jan 13;10(1). pii: E86. Doi: 10.3390/nu10010086. PubMed PMID: 29342867; PubMed Central PMCID: PMC5793314.

- Zasimovich A, Fijałkowska A, Chełchowska M, Maciejewski T. Maternal serum vitamin D and parathormone concentrations during gestation and in umbilical cord blood - pilot study. J Matern Fetal Neonatal Med. 2018 Jan;31(2):158-163. Doi: 10.1080/14767058.2016.1277705. Epub 2017 Jan 23. PubMed PMID: 28043188.

GASTROENTEROLOGIA

- Dussik CM, Hockley M, Grozić A, Kaneko I, Zhang L, Sabir MS, Park J, Wang J, Nickerson CA, Yale SH, Rall CJ, Foxx-Orenstein AE, Borror CM, Sandrin TR, Jurutka PW. Gene expression profiling and assessment of vitamin D and serotonin pathway variations in patients with irritable bowel syndrome. J Neurogastroenterol Motil. 2018 Jan 30;24(1):96-106. doi: 10.5056/jnm17021. PubMed PMID: 29291611; PubMed Central PMCID: PMC5753908.

- Gubatan J, Mitsuhashi S, Longhi MS, Zenlea T, Rosenberg L, Robson S, Moss AC. Higher serum vitamin D levels are associated with protective serum cytokine profiles in patients with ulcerative colitis. Cytokine. 2018 Mar;103:38-45. doi: 10.1016/j.cyto.2017.12.023. Epub 2018 Jan 8. PubMed PMID: 29324259.

- Han JC, Zhang JL, Zhang N, Yang X, Qu HX, Guo Y, Shi CX, Yan YF. Age, phosphorus, and 25-hydroxycholecalciferol regulate mRNA expression of vitamin D receptor and sodium-phosphate cotransporter in the small intestine of broiler chickens. Poult Sci. 2018 Jan 6. doi: 10.3382/ps/pex407. [Epub ahead of print] PubMed PMID: 29325125.

- He X, Sun Y, Lei N, Fan X, Zhang C, Wang Y, Zheng K, Zhang D, Pan W. MicroRNA-351 promotes schistosomiasis-induced hepatic fibrosis by targeting the vitamin D receptor. Proc Natl Acad Sci USA. 2018 Jan 2;115(1):180-185. doi: 10.1073/pnas.1715965115. Epub 2017 Dec 18. PubMed PMID: 29255036; PubMed Central PMCID: PMC5776818.

- Hoan NX, Tong HV, Song LH, Meyer CG, Velavan TP. Vitamin D deficiency and hepatitis viruses-associated liver diseases: a literature review. World J Gastroenterol. 2018 Jan 28;24(4):445-460. doi: 10.3748/wjg.v24.i4.445. Review. PubMed PMID: 29398866; PubMed Central PMCID: PMC5787780.

- Kang ZS, Wang C, Han XL, Du JJ, Li YY, Zhang C. Design, synthesis and biological evaluation of non-secosteriodal vitamin D receptor ligand bearing double side chain for the treatment of chronic pancreatitis. Eur J Med Chem. 2018 Jan 31;146:541-553. doi: 10.1016/j.ejmech.2018.01.073. [Epub ahead of print] PubMed PMID: 29407979.

- Kanhere M, Chassaing B, Gewirtz AT, Tangpricha V. Role of vitamin D on gut microbiota in cystic fibrosis. J Steroid Biochem Mol Biol. 2018 Jan;175:82-87. doi: 10.1016/j.jsbmb.2016.11.001. Epub 2016 Nov 3. Review. PubMed PMID: 27818276; PubMed Central PMCID: PMC5415426.

- Martins DJ, Matos GC, Loiola RS, D'Annibale V, Corvelo T. Relationship of vitamin D receptor gene polymorphisms in Helicobacter pylori gastric patients. Clin Exp Gastroenterol. 2018 Jan 12;11:19-27. doi: 10.2147/CEG.S143332. eCollection 2018. PubMed PMID: 29391820; PubMed Central PMCID: PMC5769596.

- Pouwels S, Smelt HJM, Celik A, Gupta A, Smulders JF. Reply to: "Letter to the Editor for the Manuscript the complex interplay of physical fitness, protein intake and vitamin D supplementation after bariatric surgery". Obes Surg. 2018 Jan 24. doi: 10.1007/s11695-018-3113-3. [Epub ahead of print] PubMed PMID: 29368255.

- Saberi B, Dadabhai AS, Nanavati J, Wang L, Shinohara RT, Mullin GE. Vitamin D levels do not predict the stage of hepatic fibrosis in patients with non-alcoholic fatty liver disease: A PRISMA compliant systematic review and meta-analysis of pooled data. World J Hepatol. 2018 Jan 27;10(1):142-154. doi: 10.4254/wjh.v10.i1.142. PubMed PMID: 29399288; PubMed Central PMCID: PMC5787678.

- Shi Y, Liu T, Zhao X, Yao L, Hou A, Fu J, Xue X. Vitamin D ameliorates neonatal necrotizing enterocolitis via suppressing TLR4 in a murine model. Pediatr Res. 2018 Jan 24. doi: 10.1038/pr.2017.329. [Epub ahead of print] PubMed PMID: 29281615.

- Wallbaum P, Rohde S, Ehlers L, Lange F, Hohn A, Bergner C, Schwarzenböck SM, Krause BJ, Jaster R. Antifibrogenic effects of vitamin D derivatives on mouse pancreatic stellate cells. World J Gastroenterol. 2018 Jan 14;24(2):170-178. doi: 10.3748/wjg.v24.i2.170. PubMed PMID: 29375203; PubMed Central PMCID: PMC5768936.

- Wang N, Chen C, Zhao L, Chen Y, Han B, Xia F, Cheng J, Li Q, Lu Y. Vitamin D and Nonalcoholic Fatty Liver Disease: Bi-directional Mendelian Randomization Analysis. EBioMedicine. 2018 Jan 9. pii: S2352-3964(17)30508-X. Doi: 10.1016/j.ebiom.2017.12.027. [Epub ahead of print] PubMed PMID: 29339098.

- White JH. Vitamin D deficiency and the pathogenesis of Crohn's disease. J Steroid Biochem Mol Biol. 2018 Jan;175:23-28. doi: 10.1016/j.jsbmb.2016.12.015. Epub 2016 Dec 23. Review. PubMed PMID: 28025175.

- Williams CE, Williams EA, Corfe BM. Vitamin D status in irritable bowel syndrome and the impact of supplementation on symptoms: what do we know and what do we need to know? Eur J Clin Nutr. 2018 Jan 25. doi: 10.1038/s41430-017-0064-z. [Epub ahead of print] Review. PubMed PMID: 29367731.

IMMUNOLOGIA

- Konya V, Czarnewski P, Forkel M, Rao A, Kokkinou E, Villablanca EJ, Almer S, Lindforss U, Friberg D, Höög C, Bergman P, Mjösberg J. Vitamin D downregulates the IL-23 receptor pathway in human mucosal group 3 innate lymphoid cells. J Allergy Clin Immunol. 2018 Jan;141(1):279-292. doi: 10.1016/j.jaci.2017.01.045. Epub 2017 Apr 20. PubMed PMID: 28433688.

- Lin Z, Marepally SR, Goh ESY, Cheng CYS, Janjetovic Z, Kim TK, Miller DD, Postlethwaite AE, Slominski AT, Tuckey RC, Peluso-Iltis C, Rochel N, Li W. Investigation of 20S-hydroxyvitamin D(3) analogs and their 1α-OH derivatives as potent vitamin D receptor agonists with anti-inflammatory activities. Sci Rep. 2018 Jan 24;8(1):1478. doi: 10.1038/s41598-018-19183-7. PubMed PMID: 29367669; PubMed Central PMCID: PMC5784132.

- Liu C, Chen Z, Li W, Huang L, Zhang Y. Vitamin D enhances alveolar development in antenatal lipopolysaccharide-treated rats through the suppression of interferon-γ production. Front Immunol. 2018 Jan 5;8:1923. doi: 10.3389/fimmu.2017.01923. eCollection 2017. PubMed PMID: 29354129; PubMed Central PMCID: PMC5760506.

- Saputo S, Faustoferri RC, Quivey RG Jr. Vitamin D compounds are bactericidal against Streptococcus mutans and target the bacitracin-associated efflux system. Antimicrob Agents Chemother. 2017 Dec 21;62(1). pii: e01675-17. Doi: 10.1128/AAC.01675-17. Print 2018 Jan. PubMed PMID: 29061743; PubMed Central PMCID: PMC5740330.

- Yang QJ, Bukuroshi P, Quach HP, Chow ECY, Pang KS. Highlighting Vitamin D Receptor-Targeted Activities of 1α,25-Dihydroxyvitamin D(3) in Mice via Physiologically Based Pharmacokinetic-Pharmacodynamic Modeling. Drug Metab Dispos. 2018 Jan;46(1):75-87. doi: 10.1124/dmd.117.077271. Epub 2017 Oct 30. PubMed PMID: 29084783.

LABORATORIO

- Abu Kassim NS, Shaw PN, Hewavitharana AK. Simultaneous determination of 12 vitamin D compounds in human serum using online sample preparation and liquid chromatography-tandem mass spectrometry. J Chromatogr A. 2018 Jan 19;1533:57-65. doi: 10.1016/j.chroma.2017.12.012. Epub 2017 Dec 6. PubMed PMID: 29229333.

- Atef SH. Vitamin D assays in clinical laboratory: past, present and future challenges. J Steroid Biochem Mol Biol. 2018 Jan;175:136-137. Doi: 10.1016/j.jsbmb.2017.02.011. Epub 2017 Feb 24. PubMed PMID: 28242262.

- Bonjour JP, Dontot-Payen F, Rouy E, Walrand S, Rousseau B. Evolution of serum 25OHD in response to vitamin D(3)-fortified yogurts consumed by healthy menopausal women: a 6-month randomized controlled trial assessing the interactions between doses, baseline vitamin D status, and seasonality. J Am Coll Nutr. 2018 Jan;37(1):34-43. Doi: 10.1080/07315724.2017.1355761. Epub 2017 Oct 4. PubMed PMID: 28976265.

- Carlberg C, Haq A. The concept of the personal vitamin D response index. J Steroid Biochem Mol Biol. 2018 Jan;175:12-17. doi: 10.1016/j.jsbmb.2016.12.011. Epub 2016 Dec 26. Review. PubMed PMID: 28034764.

- Carlberg C, Seuter S, Nurmi T, Tuomainen TP, Virtanen JK, Neme A. In vivo response of the human epigenome to vitamin D: a proof-of-principle study. J Steroid Biochem Mol Biol. 2018 Jan 6. pii: S0960-0760(18)30003-7. Doi: 10.1016/j.jsbmb.2018.01.002. [Epub ahead of print] PubMed PMID: 29317287.

- Gill BD, Indyk HE. Analysis of vitamin D2 and vitamin D3 in infant and adult nutritional formulas by liquid chromatography-tandem mass spectrometry: a multilaboratory testing study. J AOAC Int. 2018 Jan 1;101(1):256-263. doi: 10.5740/jaoacint.17-0149. Epub 2017 Aug 8. PubMed PMID: 28786376.

- Gil Á, Plaza-Diaz J, Mesa MD. Vitamin D: classic and novel actions. Ann Nutr Metab. 2018 Jan 18;72(2):87-95. doi: 10.1159/000486536. [Epub ahead of print] PubMed PMID: 29346788.

- Haq A, Wimalawansa SJ, Pludowski P, Anouti FA. Clinical practice guidelines for vitamin D in the United Arab Emirates. J Steroid Biochem Mol Biol. 2018 Jan;175:4-11. doi: 10.1016/j.jsbmb.2016.09.021. Epub 2016 Sep 28. Review. PubMed PMID: 27693095.

- Karefylakis C, Pettersson-Pablo P, Särnblad S, Rask E, Bitar M, Magnuson A, Eriksson CG. Vitamin D C3 epimer in a mid-Swedish region-Analytical measurement and epidemiology. Clin Chim Acta. 2018 Mar;478:182-187. Doi: 10.1016/j.cca.2018.01.002. Epub 2018 Jan 3. PubMed PMID: 29305842.

- Lee JP, Tansey M, Jetton JG, Krasowski MD. Vitamin D Toxicity: A 16-year retrospective study at an Academic Medical Center. Lab Med. 2018 Jan 13. doi: 10.1093/labmed/lmx077. [Epub ahead of print] PubMed PMID: 29346630.

- Loughran G, Jungreis I, Tzani I, Power M, Dmitriev RI, Ivanov IP, Kellis M, Atkins JF. Stop codon readthrough generates a C-terminally extended variant of the human vitamin D receptor with reduced calcitriol response. J Biol Chem. 2018 Jan 31. pii: jbc.M117.818526. doi: 10.1074/jbc.M117.818526. [Epub ahead of print] PubMed PMID: 29386352.

MISCELLANEA

- Myburgh PH, Towers GW, Kruger IM, Nienaber-Rousseau C. CRP genotypes predict increased risk to co-present with low vitamin D and elevated CRP in a group of healthy Black South African women. Int J Environ Res Public Health. 2018 Jan 10;15(1). pii: E111. doi: 10.3390/ijerph15010111. PubMed PMID: 29320465; PubMed Central PMCID: PMC5800210.

- Peter H, Bistolas N, Schumacher S, Laurisch C, Guest PC, Höller U, Bier FF. Lab-on-a-chip device for rapid measurement of vitamin D levels. Methods Mol Biol. 2018;1735:477-486. doi: 10.1007/978-1-4939-7614-0_35. PubMed PMID: 29380338.

- Pludowski P, Holick MF, Grant WB, Konstantynowicz J, Mascarenhas MR, Haq A, Povoroznyuk V, Balatska N, Barbosa AP, Karonova T, Rudenka E, Misiorowski W, Zakharova I, Rudenka A, Łukaszkiewicz J, Marcinowska-Suchowierska E, Łaszcz N, Abramowicz P, Bhattoa HP, Wimalawansa SJ. Vitamin D supplementation guidelines. J Steroid Biochem Mol Biol. 2018 Jan;175:125-135. doi: 10.1016/j.jsbmb.2017.01.021. Epub 2017 Feb 12. PubMed PMID: 28216084.

- Quach HP, Noh K, Hoi SY, Bruinsma A, Groothuis GMM, Li AP, Chow ECY, Pang KS. Alterations in gene expression in vitamin D-deficiency: Down-regulation of liver Cyp7a1 and renal Oat3 in mice. Biopharm Drug Dispos. 2018 Feb;39(2):99-115. doi: 10.1002/bdd.2118. Epub 2018 Jan 30. PubMed PMID: 29243851.

- Silva MC, Furlanetto TW. Intestinal absorption of vitamin D: a systematic review. Nutr Rev. 2018 Jan 1;76(1):60-76. doi: 10.1093/nutrit/nux034. PubMed PMID: 29025082.

- Takeda R, Kobayashi I, Suzuki R, Kawai K, Kittaka A, Takimoto-Kamimura M, Kurita N. Proposal of potent inhibitors for vitamin-D receptor based on ab initio fragment molecular orbital calculations. J Mol Graph Model. 2018 Jan 31;80:320-326. doi: 10.1016/j.jmgm.2018.01.014. [Epub ahead of print] PubMed PMID: 29433089.

- Wimalawansa SJ. Non-musculoskeletal benefits of vitamin D. J Steroid Biochem Mol Biol. 2018 Jan;175:60-81. doi: 10.1016/j.jsbmb.2016.09.016. Epub 2016 Sep 20. Review. PubMed PMID: 27662817.

- Wong T, Wang Z, Chapron BD, Suzuki M, Claw KG, Gao C, Foti RS, Prasad B, Chapron A, Calamia J, Chaudhry A, Schuetz EG, Horst RL, Mao Q, de Boer IH, Thornton TA, Thummel KE. Polymorphic human sulfotransferase 2a1 mediates the formation of 25-hydroxyvitamin d(3)-3-o-sulfate, a major circulating vitamin D metabolite in humans. Drug Metab Dispos. 2018 Jan 17. pii: dmd.117.078428. Doi: 10.1124/dmd.117.078428. [Epub ahead of print] PubMed PMID: 29343609.

- Yadav S, Joshi P, Dahiya U, Baidya DK, Goswami R, Guleria R, Lakshmy R. Admission vitamin D status does not predict outcome of critically ill patients on mechanical ventilation: an observational pilot study. Indian J Anaesth. 2018 Jan;62(1):47-52. doi: 10.4103/ija.IJA_531_17. PubMed PMID: 29416150; PubMed Central PMCID: PMC5787890.

- Uwitonze AM, Murererehe J, Ineza MC, Harelimana EI, Nsabimana U, Uwambaye P, Gatarayiha A, Haq A, Razzaque MS. Effects of vitamin D status on oral health. J Steroid Biochem Mol Biol. 2018 Jan;175:190-194. doi: 10.1016/j.jsbmb.2017.01.020. Epub 2017 Feb 1. Review. PubMed PMID: 28161532.

NEUROLOGIA

- Bang WS, Lee DH, Kim KT, Cho DC, Sung JK, Han IB, Kim DH, Kwon BK, Kim CH,

Park KS, Park MK, Seo SY, Seo YJ. Relationships between vitamin D and paraspinal muscle: human data and experimental rat model analysis. Spine J. 2018 Jan 31. pii: S1529-9430(18)30009-3. doi: 10.1016/j.spinee.2018.01.007. [Epub ahead of print] PubMed PMID: 29355791.

- Barbonetti A, D'Andrea S, Martorella A, Felzani G, Francavilla S, Francavilla F. Low vitamin D levels are independent predictors of 1-year worsening in physical function in people with chronic spinal cord injury: a longitudinal study. Spinal Cord. 2018 Jan 16. doi: 10.1038/s41393-017-0058-7. [Epub ahead of print] PubMed PMID: 29335474.

- Bird ML, El Haber N, Batchelor F, Hill K, Wark JD. Vitamin D and parathyroid hormone are associated with gait instability and poor balance performance in midage to older aged women. Gait Posture. 2018 Jan;59:71-75. Doi: 10.1016/j.gaitpost.2017.09.036. Epub 2017 Sep 28. PubMed PMID: 29017107.

- Harroud A, Richards JB. Mendelian randomization in multiple sclerosis: a causal role for vitamin D and obesity? Mult Scler. 2018 Jan;24(1):80-85. Doi: 10.1177/1352458517737373. PubMed PMID: 29307294.

- Kamisli O, Acar C, Sozen M, Tecellioglu M, Yücel FE, Vaizoglu D, Özcan C. The association between vitamin D receptor polymorphisms and multiple sclerosis in a Turkish population. Mult Scler Relat Disord. 2018 Jan 9;20:78-81. doi: 10.1016/j.msard.2018.01.002. [Epub ahead of print] PubMed PMID: 29331875.

- Kang SY, Kang JH, Choi JC, Song SK, Oh JH. Low serum vitamin D levels in patients with myasthenia gravis. J Clin Neurosci. 2018 Jan 26. pii: S0967-5868(17)31416-9. doi: 10.1016/j.jocn.2018.01.047. [Epub ahead of print] PubMed PMID: 29396067.

- Lemire P, Brangier A, Beaudenon M, Duval GT, Annweiler C. Cognitive changes under memantine according to vitamin D status in Alzheimer patients: An exposed/unexposed cohort pilot study. J Steroid Biochem Mol Biol. 2018 Jan;175:151-156. doi: 10.1016/j.jsbmb.2016.12.019. Epub 2016 Dec 29. PubMed PMID: 28042052.

- Le Roy C, Barja S, Sepúlveda C, Guzmán ML, Olivarez M, Figueroa MJ, Alvarez M. Vitamin D and iron deficiencies in children and adolescents with cerebral palsy. Neurologia. 2018 Jan 13. pii: S0213-4853(17)30372-9. Doi: 10.1016/j.nrl.2017.11.005. [Epub ahead of print] English, Spanish. PubMed PMID: 29342407.

- Morello M, Landel V, Lacassagne E, Baranger K, Annweiler C, Féron F, Millet P. Vitamin D improves neurogenesis and cognition in a mouse model of Alzheimer's disease. Mol Neurobiol. 2018 Jan 9. doi: 10.1007/s12035-017-0839-1. [Epub ahead of print] PubMed PMID: 29318446.

- Pál É, Hadjadj L, Fontányi Z, Monori-Kiss A, Mezei Z, Lippai N, Magyar A, Heinzlmann A, Karvaly G, Monos E, Nádasy G, Benyó Z, Várbíró S. Vitamin D deficiency causes inward hypertrophic remodeling and alters vascular reactivity of rat cerebral arterioles. PLoS One. 2018 Feb 6;13(2):e0192480. Doi: 10.1371/journal.pone.0192480. eCollection 2018. PubMed PMID: 29408903.

- Sankar J, Sankar MJ. Severe vitamin D deficiency at admission and shock reversal. J Intensive Care Med. 2018 Jan;33(1):58. Doi: 10.1177/0885066617714772. PubMed PMID: 29202682.

- Shoemaker TJ, Mowry EM. A review of vitamin D supplementation as disease-modifying therapy. Mult Scler. 2018 Jan;24(1):6-11. Doi: 10.1177/1352458517738131. PubMed PMID: 29307295.

- Tavakol S, Shakibapour S, Bidgoli SA. The level of testosterone, vitamin D, and irregular menstruation more important than omega-3 in non-symptomatic women will define the fate of multiple scleroses in future. Mol Neurobiol. 2018 Jan;55(1):462-469. doi: 10.1007/s12035-016-0325-1. Epub 2016 Dec 13. PubMed PMID: 27966076.

- von Berens Å, Cederholm T, Fielding RA, Gustafsson T, Kirn D, Laussen J, Nydahl M, Travison TG, Reid K, Koochek A. Physical performance and serum 25(OH)vitamin D status in community dwelling old mobility limited adults: a cross-sectional study. J Nutr Health Aging. 2018;22(1):1-7. doi: 10.1007/s12603-016-0849-0. PubMed PMID: 29300415.

- Yuan J, Guo X, Liu Z, Zhao X, Feng Y, Song S, Cui C, Jiang P. Vitamin D receptor activation influences the ERK pathway and protects against neurological deficits and neuronal death. Int J Mol Med. 2018 Jan;41(1):364-372. Doi: 10.3892/ijmm.2017.3249. Epub 2017 Nov 9. PubMed PMID: 29138801; PubMed Central PMCID: PMC5746295.

NEFROLOGIA

- Eltablawy N, Ashour H, Rashed LA, Hamza WM. Vitamin D protection from rat diabetic nephropathy is partly mediated through Klotho expression and renin-angiotensin inhibition. Arch Physiol Biochem. 2018 Jan 8:1-7. doi: 10.1080/13813455.2018.1423624. [Epub ahead of print] PubMed PMID: 29308676.

- Kim SG, Kim GS, Lee JH, Moon AE, Yoon H. The relationship between vitamin D and estimated glomerular filtration rate and urine microalbumin/creatinine ratio in Korean adults. J Clin Biochem Nutr. 2018 Jan;62(1):94-99. Doi: 10.3164/jcbn.17-69. Epub 2017 Nov 28. PubMed PMID: 29371760; PubMed Central PMCID: PMC5773835.

- Liyanage P, Lekamwasam S, Weerarathna TP, Liyanage C. Effect of Vitamin D therapy on urinary albumin excretion, renal functions, and plasma renin among patients with diabetic nephropathy: A randomized, double-blind clinical trial. J Postgrad Med. 2018 Jan-Mar;64(1):10-15. doi: 10.4103/jpgm.JPGM_598_16. PubMed PMID: 29386413.

- Ojeda López R, Esquivias de Motta E, Carmona A, García Montemayor V, Berdud I, Martín Malo A, Aljama García P. Correction of 25-OH-vitamin D deficiency improves control of secondary hyperparathyroidism and reduces the inflammation in stable haemodialysis patients. Nefrologia. 2018 Jan - Feb;38(1):41-47. Doi: 10.1016/j.nefro.2017.05.008. Epub 2017 Jul 1. English, Spanish. PubMed PMID: 28673686.

- Prabhu RA, Saraf K. Vitamin D in diabetic nephropathy. J Postgrad Med. 2018 Jan-Mar;64(1):5-6. doi: 10.4103/jpgm.JPGM_311_17. PubMed PMID: 29386411.

- Tamadon MR, Soleimani A, Keneshlou F, Mojarrad MZ, Bahmani F, Naseri A, Kashani HH, Hosseini ES, Asemi Z. clinical trial on the effects of vitamin D supple-

mentation on metabolic profiles in diabetic hemodialysis. Horm Metab Res. 2018 Jan;50(1):50-55. doi: 10.1055/s-0043-119221. Epub 2017 Sep 28. PubMed PMID: 28958110.

- Yadav AK, Kumar V, Banerjee D, Gupta KL, Jha V. Effect of vitamin D supplementation on serum sclerostin levels in chronic kidney disease. J Steroid Biochem Mol Biol. 2018 Jan 10. pii: S0960-0760(18)30008-6. Doi: 10.1016/j.jsbmb.2018.01.007. [Epub ahead of print] PubMed PMID: 29331722.

ONCOLOGIA

- Baumann M, Dani SU, Dietrich D, Hochstrasser A, Klingbiel D, Mark MT, Riesen WF, Ruhstaller T, Templeton AJ, Thürlimann B. Vitamin D levels in Swiss breast cancer survivors. Swiss Med Wkly. 2018 Jan 29;148:w14576. Doi: 10.4414/smw.2018.14576. eCollection 2018 Jan 29. PubMed PMID: 29376548.

- Chandler PD, Tobias DK, Wang L, Smith-Warner SA, Chasman DI, Rose L, Giovannucci EL, Buring JE, Ridker PM, Cook NR, Manson JE, Sesso HD. Association between Vitamin D Genetic Risk Score and Cancer Risk in a Large Cohort of U.S. Women. Nutrients. 2018 Jan 9;10(1). pii: E55. doi: 10.3390/nu10010055. PubMed PMID: 29315215; PubMed Central PMCID: PMC5793283.

- Cusato J, Boglione L, De Nicolò A, Favata F, Ariaudo A, Mornese Pinna S, Guido F, Avataneo V, Cantù M, Carcieri C, Cariti G, Di Perri G, D'Avolio A. Vitamin D pathway gene polymorphisms and hepatocellular carcinoma in chronic hepatitis C-affected patients treated with new drugs. Cancer Chemother Pharmacol. 2018 Jan 22. doi: 10.1007/s00280-018-3520-0. [Epub ahead of print] PubMed PMID: 29356898.

- Gao J, Wei W, Wang G, Zhou H, Fu Y, Liu N. Circulating vitamin D concentration and risk of prostate cancer: a dose-response meta-analysis of prospective studies. Ther Clin Risk Manag. 2018 Jan 9;14:95-104. doi: 10.2147/TCRM.S149325. eCollection 2018. PubMed PMID: 29386901; PubMed Central PMCID: PMC5767091.

- Hohaus S, Tisi MC, Bellesi S, Maiolo E, Alma E, Tartaglia G, Corrente F, Cuccaro A, D'Alo' F, Basile U, Larocca LM, De Stefano V. Vitamin D deficiency and supplementation in patients with aggressive B-cell lymphomas treated with immunochemotherapy. Cancer Med. 2018 Jan;7(1):270-281. doi: 10.1002/cam4.1166. Epub 2017 Dec 22. PubMed PMID: 29271084; PubMed Central PMCID: PMC5773978.

- Huss L, Butt ST, Almgren P, Borgquist S, Brandt J, Försti A, Melander O, Manjer J. SNPs related to vitamin D and breast cancer risk: a case-control study. Breast Cancer Res. 2018 Jan 2;20(1):1. doi: 10.1186/s13058-017-0925-3. PubMed PMID: 29291743; PubMed Central PMCID: PMC5748964.

- Lippi G, Cervellin G, Danese E. Indoor tanning a gianus bifrons: vitamin D and human cancer. Adv Clin Chem. 2018;83:183-196. doi: 10.1016/bs.acc.2017.10.005. Epub 2017 Dec 8. PubMed PMID: 29304901.

- Mahendra A, Karishma, Choudhury BK, Sharma T, Bansal N, Bansal R, Gupta S. Vitamin D and gastrointestinal cancer. J Lab Physicians. 2018 Jan-Mar;10(1):1-5. doi: 10.4103/JLP.JLP_49_17. Review. PubMed PMID: 29403195; PubMed Central PMCID: PMC5784277.

- Rouphael C, Kamal A, Sanaka MR, Thota PN. Vitamin D in esophageal cancer: Is there a role for chemoprevention? World J Gastrointest Oncol. 2018 Jan 15;10(1):23-30. doi: 10.4251/wjgo.v10.i1.23. Review. PubMed PMID: 29375745; PubMed Central PMCID: PMC5767790.

- Soljic M, Mrklic I, Tomic S, Omrcen T, Sutalo N, Bevanda M, Vrdoljak E. Prognostic value of vitamin D receptor and insulin-like growth factor receptor 1 expression in triple-negative breast cancer. J Clin Pathol. 2018 Jan;71(1):34-39. doi: 10.1136/jclinpath-2016-204222. Epub 2017 Jun 29. PubMed PMID: 28663327.

- Wang S, Huo D, Kupfer S, Alleyne D, Ogundiran TO, Ojengbede O, Zheng W, Nathanson KL, Nemesure B, Ambs S, Olopade OI, Zheng Y. Genetic variation in the vitamin D related pathway and breast cancer risk in women of African ancestry in the root consortium. Int J Cancer. 2018 Jan 1;142(1):36-43. doi: 10.1002/ijc.31038. Epub 2017 Sep 23. PubMed PMID: 28891071; PubMed Central PMCID: PMC5755399.

PEDIATRIA

- Agarwal R, Sehgal IS, Dhooria S, Aggarwal AN, Sachdeva N, Bhadada SK, Garg M, Behera D, Chakrabarti A. Vitamin D levels in asthmatic patients with and without allergic bronchopulmonary aspergillosis. Mycoses. 2018 Jan 4. doi: 10.1111/myc.12744. [Epub ahead of print] PubMed PMID: 29314357.

- Al-Raddadi R, Bahijri S, Borai A, AlRaddadi Z. Prevalence of lifestyle practices that might affect bone health in relation to vitamin D status among female Saudi adolescents. Nutrition. 2018 Jan;45:108-113. Doi: 10.1016/j.nut.2017.07.015. Epub 2017 Aug 4. PubMed PMID: 29129230.

- Alaklabi AM, Alsharairi NA. Current evidence on vitamin D deficiency and metabolic syndrome in obese children: what does the evidence from Saudi Arabia tell us? Children (Basel). 2018 Jan 15;5(1). pii: E11. Doi: 10.3390/children5010011. PubMed PMID: 29342981; PubMed Central PMCID: PMC5789293.

- Allegra S, Cusato J, De Francia S, Longo F, Pirro E, Massano D, Piga A, D'Avolio A. Effect of pharmacogenetic markers of vitamin D pathway on deferasirox pharmacokinetics in children. Pharmacogenet Genomics. 2018 Jan;28(1):17-22. doi: 10.1097/FPC.0000000000000315. PubMed PMID: 29099735.

- Alvarez JA, Grunwell JR, Gillespie SE, Tangpricha V, Hebbar KB. Vitamin D deficiency is associated with an oxidized plasma cysteine redox potential in critically Ill children. J Steroid Biochem Mol Biol. 2018 Jan;175:164-169. Doi: 10.1016/j.jsbmb.2016.09.013. Epub 2016 Sep 15. PubMed PMID: 27641738; PubMed Central PMCID: PMC5352547.

- Angurana SK, Guglani V. Severe vitamin D deficiency at admission and shock reversal in children with septic shock. J Intensive Care Med. 2018 Jan;33(1):56-57. doi: 10.1177/0885066617714771. Epub 2017 Oct 3. PubMed PMID: 28974139.

- Censani M, Hammad HT, Christos PJ, Schumaker T. Vitamin D Deficiency Associated With Markers of Cardiovascular Disease in Children With Obesity. Glob Pediatr Health. 2018 Jan 12;5:2333794X17751773. doi: 10.1177/2333794X17751773. eCollection 2018. PubMed PMID: 29349100; PubMed Central PMCID: PMC5768258.

- Cheng L. The Convergence of Two Epidemics: Vitamin D Deficiency in Obese School-aged Children. J Pediatr Nurs. 2018 Jan - Feb;38:20-26. Doi: 10.1016/j.pedn.2017.10.005. Epub 2017 Oct 18. Review. PubMed PMID: 29167076.

- Dangeti GV, Mailankody S, Neeradi C, Mandal J, Soundravally R, Joseph NM, Kamalanathan S, Swaminathan RP, Kadhiravan T. Vitamin D deficiency in patients with tuberculous meningitis and its relationship with treatment outcome. Int J Tuberc Lung Dis. 2018 Jan 1;22(1):93-99. doi: 10.5588/ijtld.17.0304. PubMed PMID: 29297432.

- Dayal D, Jain N. Indian children need higher vitamin d supplementation. Indian Pediatr. 2018 Jan 15;55(1):78. PubMed PMID: 29396949.

- Delecroix C, Brauner R, Souberbielle JC. Vitamin D in children with growth hormone deficiency due to pituitary stalk interruption syndrome. BMC Pediatr. 2018 Jan 24;18(1):11. doi: 10.1186/s12887-018-0992-3. PubMed PMID: 29368588; PubMed Central PMCID: PMC5784716.

- Doneray H, Yesilcibik RS, Laloglu E, Ingec M, Orbak Z. Serum vitamin D and vitamin D-binding protein levels in mother-neonate pairs during the lactation period. Ital J Pediatr. 2018 Jan 22;44(1):15. doi: 10.1186/s13052-018-0448-2. PubMed PMID: 29357898; PubMed Central PMCID: PMC5778765.

- Durá-Travé T, Gallinas-Victoriano F, Malumbres-Chacón M, Moreno-Gónzalez P, Aguilera-Albesa S, Yoldi-Petri ME. Vitamin D deficiency in children with epilepsy taking valproate and levetiracetam as monotherapy. Epilepsy Res. 2018 Jan;139:80-84. doi: 10.1016/j.eplepsyres.2017.11.013. Epub 2017 Dec 1. PubMed PMID: 29197669.

- Frelut ML, Girardet JP, Bocquet A, Briend A, Chouraqui JP, Darmaun D, Dupont C, Feillet F, Hankard R, Rozé JC, Simeoni U; Comittee on Nutrition of the French Society of Paediatrics. Impact of obesity on biomarkers of iron and vitamin D status in children and adolescents: The risk of misinterpretation. Arch Pediatr. 2018 Jan;25(1):3-5. doi: 10.1016/j.arcped.2017.11.011. Epub 2017 Dec 14. PubMed PMID: 29249400.

- Greer FR. Vitamin D intake in preterm infants: too little, too much, or just the right amount? Neonatology. 2018 Jan 24;113(3):263-264. doi: 10.1159/000486125. [Epub ahead of print] PubMed PMID: 29393224.

- Guo H, Zheng Y, Cai X, Yang H, Zhang Y, Hao L, Jin Y, Yang G. Correlation between serum vitamin D status and immunological changes in children affected by gastrointestinal food allergy. Allergol Immunopathol (Madr). 2018 Jan - Feb;46(1):39-44. doi: 10.1016/j.aller.2017.03.005. Epub 2017 Jul 27. PubMed PMID: 28757197.

- Guo M, Zhu J, Yang T, Lai X, Lei Y, Chen J, Li T. Vitamin A and vitamin D deficiencies exacerbate symptoms in children with autism spectrum disorders. Nutr Neurosci. 2018 Jan 16:1-11. doi: 10.1080/1028415X.2017.1423268. [Epub ahead of print] PubMed PMID: 29338670.

- Gyll J, Ridell K, Öhlund I, Karlsland Åkeson P, Johansson I, Lif Holgerson P. Vitamin D status and dental caries in healthy Swedish children. Nutr J. 2018 Jan 16;17(1):11. doi: 10.1186/s12937-018-0318-1. PubMed PMID: 29338758; PubMed Central PMCID: PMC5771062.

- Igde M, Baran P, Oksuz BG, Topcuoglu S, Karatekin G. Association between the oxidative status, Vitamin D levels and respiratory function in asthmatic children. Niger J Clin Pract. 2018 Jan;21(1):63-68. Doi: 10.4103/njcp.njcp_373_16. PubMed PMID: 29411726.

- Jerzyńska J, Stelmach W, Rychlik B, Majak P, Podlecka D, Woicka-Kolejwa K, Stelmach I. Clinical and immunological effects of vitamin D supplementation during the pollen season in children with allergic rhinitis. Arch Med Sci. 2018 Jan;14(1):122-131. doi: 10.5114/aoms.2016.61978. Epub 2016 Aug 29. PubMed PMID: 29379542; PubMed Central PMCID: PMC5778420.

- Jolliffe DA, James WY, Hooper RL, Barnes NC, Greiller CL, Islam K, Bhowmik A, Timms PM, Rajakulasingam RK, Choudhury AB, Simcock DE, Hyppönen E, Walton RT, Corrigan CJ, Griffiths CJ, Martineau AR. Prevalence, determinants and clinical correlates of vitamin D deficiency in patients with Chronic Obstructive Pulmonary Disease in London, UK. J Steroid Biochem Mol Biol. 2018 Jan;175:138-145. Doi: 10.1016/j.jsbmb.2017.01.019. Epub 2017 Feb 1. PubMed PMID: 28161533.

- Jolliffe DA, Kilpin K, MacLaughlin BD, Greiller CL, Hooper RL, Barnes NC, Timms PM, Rajakulasingam RK, Bhowmik A, Choudhury AB, Simcock DE, Hyppönen E, Corrigan CJ, Walton RT, Griffiths CJ, Martineau AR. Prevalence, determinants and clinical correlates of vitamin D deficiency in adults with inhaled corticosteroid-treated asthma in London, UK. J Steroid Biochem Mol Biol. 2018 Jan;175:88-96. doi: 10.1016/j.jsbmb.2016.11.004. Epub 2016 Nov 5. PubMed PMID: 27825992.

- Kang Q, Zhang X, Liu S, Huang F. Correlation between the vitamin D levels and asthma attacks in children: Evaluation of the effects of combination therapy of atomization inhalation of budesonide, albuterol and vitamin D supplementation on asthmatic patients. Exp Ther Med. 2018 Jan;15(1):727-732. Doi: 10.3892/etm.2017.5436. Epub 2017 Nov 3. PubMed PMID: 29399078; PubMed Central PMCID: PMC5772657.

- Kannan S, Perzanowski MS, Ganguri HB, Acevedo-Garcia D, Acosta LM, Spatcher M, Divjan A, Chew GL. Complex relationships between vitamin D and allergic sensitization among Puerto Rican 2-year-old children. Ann Allergy Asthma Immunol. 2018 Jan;120(1):84-89. Doi: 10.1016/j.anai.2017.10.027. PubMed PMID: 29273135.

- Kapil U, Pandey RM, Sharma B, Ramakrishnan L, Sharma N, Singh G, Sareen N. Prevalence of vitamin D deficiency in children (6-18 years) residing in Kullu and Kangra districts of Himachal Pradesh, India. Indian J Pediatr. 2018 Jan 2. doi: 10.1007/s12098-017-2577-9. [Epub ahead of print] PubMed PMID: 29292488.

- Khadilkar A, Khadilkar VV. Indian children need higher vitamin D supplementation: authors reply. Indian Pediatr. 2018 Jan 15;55(1):78-79. PubMed PMID: 29396950.

- Kim HY, Lee YA, Jung HW, Gu MJ, Kim JY, Lee GM, Lee J, Yoon JY, Yang SW, Shin CH. A lack of association between vitamin D-binding protein and 25-hydroxyvitamin D concentrations in pediatric type 1 diabetes without microalbuminuria. Ann Pediatr Endocrinol Metab. 2017 Dec;22(4):247-252. Doi: 10.6065/apem.2017.22.4.247. Epub 2017 Dec 31. PubMed PMID:

29301185; PubMed Central PMCID: PMC5769838.

- Kim YS, Hwang JH, Song MR. The Association Between Vitamin D Deficiency and Metabolic Syndrome in Korean Adolescents. J Pediatr Nurs. 2018 Jan - Feb;38:e7-e11. doi: 10.1016/j.pedn.2017.11.005. Epub 2017 Dec 6. PubMed PMID: 29212598.

- Maceda EB, Gonçalves CCM, Andrews JR, Ko AI, Yeckel CW, Croda J. Serum vitamin D levels and risk of prevalent tuberculosis, incident tuberculosis and tuberculin skin test conversion among prisoners. Sci Rep. 2018 Jan 17;8(1):997. doi: 10.1038/s41598-018-19589-3. PubMed PMID: 29343733; PubMed Central PMCID: PMC5772514.

- Mulrennan S, Knuiman M, Walsh JP, Hui J, Hunter M, Divitini M, Zhu K, Cooke BR, Musk AWB, James A. Vitamin D and respiratory health in the Busselton Healthy Ageing Study. Respirology. 2018 Jan 24. doi: 10.1111/resp.13239. [Epub ahead of print] PubMed PMID: 29365367.

- Plesner JL, Dahl M, Fonvig CE, Nielsen TRH, Kloppenborg JT, Pedersen O, Hansen T, Holm JC. Obesity is associated with vitamin D deficiency in Danish children and adolescents. J Pediatr Endocrinol Metab. 2018 Jan 26;31(1):53-61. doi: 10.1515/jpem-2017-0246. PubMed PMID: 29197860.

- Salas AA, Woodfin T, Phillips V, Peralta-Carcelen M, Carlo WA, Ambalavanan N. Dose-response effects of early Vitamin D supplementation on neurodevelopmental and respiratory outcomes of extremely preterm infants at 2 years of age: a randomized trial. Neonatology. 2018 Jan 24;113(3):256-262. doi: 10.1159/000484399. [Epub ahead of print] PubMed PMID: 29393233.

- Salas AA. Reply to the Commentary "Vitamin D intake in preterm infants: too little, too much, or just the right amount?" Neonatology. 2018 Jan 24;113(3):265. doi: 10.1159/000486126. [Epub ahead of print] PubMed PMID: 29393269.

- Samson KLI, McCartney H, Vercauteren SM, Wu JK, Karakochuk CD. Prevalence of vitamin D deficiency varies widely by season in Canadian children and adolescents with sickle cell disease. J Clin Med. 2018 Jan 30;7(2). pii: E14. Doi: 10.3390/jcm7020014. PubMed PMID: 29385701.

- Shalaby SA, Handoka NM, Amin RE. Vitamin D deficiency is associated with urinary tract infection in children. Arch Med Sci. 2018 Jan;14(1):115-121. Doi: 10.5114/aoms.2016.63262. Epub 2016 Oct 26. PubMed PMID: 29379541; PubMed Central PMCID: PMC5778422.

- Szentpetery SE, Han YY, Brehm JM, Acosta-Pérez E, Forno E, Boutaoui N, Canino G, Alcorn JF, Celedón JC. Vitamin D insufficiency, plasma cytokines, and severe asthma exacerbations in school-aged children. J Allergy Clin Immunol Pract. 2018 Jan - Feb;6(1):289-291.e2. doi: 10.1016/j.jaip.2017.07.019. Epub 2017 Aug 26. PubMed PMID: 28847651; PubMed Central PMCID: PMC5760478.

- Wang H, Yu XD, Huang LS, Chen Q, Ouyang FX, Wang X, Zhang J. Fetal vitamin D concentration and growth, adiposity and neurodevelopment during infancy. Eur J Clin Nutr. 2018 Jan 18. doi: 10.1038/s41430-017-0075-9. [Epub ahead of print] PubMed PMID: 29348623.

- Winzenberg T, Lamberg-Allardt C, El-Hajj Fuleihan G, Mølgaard C, Zhu K, Wu F, Riley RD. Does vitamin D supplementation improve bone density in vitamin D-deficient children? Protocol for an individual patient data meta-analysis. BMJ Open. 2018 Jan 23;8(1):e019584. doi: 10.1136/bmjopen-2017-019584. PubMed PMID: 29362271; PubMed Central PMCID: PMC5786083.

- Wu F, Xiao C, Aitken D, Jones G, Winzenberg T. The optimal dosage regimen of vitamin D supplementation for correcting deficiency in adolescents: a pilot randomized controlled trial. Eur J Clin Nutr. 2018 Jan 26. doi: 10.1038/s41430-018-0098-x. [Epub ahead of print] PubMed PMID: 29374249.

- Yepes-Nuñez JJ, Brożek JL, Fiocchi A, Pawankar R, Cuello-García C, Zhang Y, Morgano GP, Agarwal A, Gandhi S, Terracciano L, Schünemann HJ. Vitamin D supplementation in primary allergy prevention: Systematic review of randomized and non-randomized studies. Allergy. 2018 Jan;73(1):37-49. Doi: 10.1111/all.13241. Epub 2017 Aug 11. Review. PubMed PMID: 28675776.

- Yu S, Li X, Wang Y, Mao Z, Wang C, Ba Y, Li W. Maternal transmission disequilibrium of rs2248359 in type 2 diabetes mellitus families and its association with vitamin D level in offspring. Sci Rep. 2018 Jan 22;8(1):1345. doi: 10.1038/s41598-018-19838-5. PubMed PMID: 29358755; PubMed Central PMCID: PMC5778029.

- Zhou J, Du J, Huang L, Wang Y, Shi Y, Lin H. Preventive effects of vitamin D on seasonal influenza a in infants: a multicenter, randomized, open, controlled clinical trial. Pediatr Infect Dis J. 2018 Jan 8. doi: 10.1097/INF.0000000000001890. [Epub ahead of print] PubMed PMID: 29315160.

PSICHIATRIA

- Ali A, Cui X, Eyles D. Developmental vitamin D deficiency and autism: Putative pathogenic mechanisms. J Steroid Biochem Mol Biol. 2018 Jan;175:108-118. doi: 10.1016/j.jsbmb.2016.12.018. Epub 2016 Dec 24. Review. PubMed PMID: 28027915.

- Altunsoy N, Yüksel RN, Cingi Yirun M, Kılıçarslan A, Aydemir Ç. Exploring the relationship between vitamin D and mania: correlations between serum vitamin D levels and disease activity. Nord J Psychiatry. 2018 Apr;72(3):221-225. Doi: 10.1080/08039488.2018.1424238. Epub 2018 Jan 7. PubMed PMID: 29308715.

- Beale DJ. Letter to the Editor: Unreported statistics lead to unverifiable results in study of vitamin D supplementation in children with autism spectrum disorder - Comment regarding Saad, K., et al. (2016). J Child Psychol Psychiatry. 2018 Jan;59(1):e1. doi: 10.1111/jcpp.12776. PubMed PMID: 29235649.

- Saad K, Abdel-Rahman AA, Elserogy YM, Al-Atram AA, El-Houfey AA, Othman HA, Bjørklund G, Jia F, Urbina MA, Abo-Elela MGM, Ahmad FA, Abd El-Baseer KA, Ahmed AE, Abdel-Salam AM. Randomized controlled trial of vitamin D supplementation in children with autism spectrum disorder. J Child Psychol Psychiatry. 2018 Jan;59(1):20-29. doi: 10.1111/jcpp.12652. Epub 2016 Nov 21. PubMed PMID: 27868194.

- Saad K. Response to letters: Randomized controlled trial of vitamin D supplemen-

tation in children with autism spectrum disorder - correction and additional information. J Child Psychol Psychiatry. 2018 Jan;59(1):e3-e5. Doi: 10.1111/jcpp.12788. PubMed PMID: 29235652.

- Stevenson J. Letter to the Editor: Unreported statistics lead to unverifiable results in study of vitamin D supplementation in children with autism spectrum disorder - Comment regarding Saad, K., et al. (2016). J Child Psychol Psychiatry. 2018 Jan;59(1):e1-e2. doi: 10.1111/jcpp.12799. PubMed PMID: 29235653.

REUMATOLOGIA

- Anar C, Yüksel Yavuz M, Güldaval F, Varol Y, Kalenci D. Assessment of osteoporosis using the FRAX method and the importance of vitamin D levels in COPD patients. Multidiscip Respir Med. 2018 Jan 6;13:1. doi: 10.1186/s40248-017-0116-1. eCollection 2018. PubMed PMID: 29318009; PubMed Central PMCID: PMC5756431.

- Atteritano M, Mirarchi L, Venanzi-Rullo E, Santoro D, Iaria C, Catalano A, Lasco A, Arcoraci V, Lo Gullo A, Bitto A, Squadrito F, Cascio A. Vitamin D status and the relationship with bone fragility fractures in HIV-Infected Patients: a case control study. Int J Mol Sci. 2018 Jan 2;19(1). pii: E119. Doi: 10.3390/ijms19010119. PubMed PMID: 29301284; PubMed Central PMCID: PMC5796068.

- Babaei M, Esmaeili Jadidi M, Heidari B, Gholinia H. Vitamin D deficiency is associated with tibial bone pain and tenderness. A possible contributive role. Int J Rheum Dis. 2018 Jan 5. doi: 10.1111/1756-185X.13253. [Epub ahead of print] PubMed PMID: 29314669.

- Bae SC, Lee YH. Association between Vitamin D level and/or deficiency, and systemic lupus erythematosus: a meta-analysis. Cell Mol Biol (Noisy-le-grand). 2018 Jan 31;64(1):7-13. doi: 10.14715/cmb/2018.64.1.2. PubMed PMID: 29412807.

- Bo Y, Liu C, Ji Z, Yang R, An Q, Zhang X, You J, Duan D, Sun Y, Zhu Y, Cui H, Lu Q. A high whey protein, vitamin D and E supplement preserves muscle mass, strength, and quality of life in sarcopenic older adults: A double-blind randomized controlled trial. Clin Nutr. 2018 Jan 9. pii: S0261-5614(18)30007-4. doi: 10.1016/j.clnu.2017.12.020. [Epub ahead of print] PubMed PMID: 29395372.

- Bolzetta F, Stubbs B, Noale M, Vaona A, Demurtas J, Celotto S, Cester A, Maggi S, Koyanagi A, Cereda E, Veronese N. Low-dose vitamin D supplementation and incident frailty in older people: An eight year longitudinal study. Exp Gerontol. 2018 Jan;101:1-6. doi: 10.1016/j.exger.2017.11.007. Epub 2017 Nov 11. PubMed PMID: 29137947; PubMed Central PMCID: PMC5794626.

- Borg SA, Buckley H, Owen R, Marin AC, Lu Y, Eyles D, Lacroix D, Reilly GC, Skerry TM, Bishop NJ. Early life vitamin D depletion alters the postnatal response to skeletal loading in growing and mature bone. PLoS One. 2018 Jan 25;13(1):e0190675. doi: 10.1371/journal.pone.0190675. eCollection 2018. PubMed PMID: 29370213; PubMed Central PMCID: PMC5784894.

- Ekinci RMK, Balci S, Serbes M, Dogruel D, Altintas DU, Yilmaz M. Decreased serum vitamin B(12) and vitamin D levels affect sleep quality in children with familial Mediterranean fever. Rheumatol Int. 2018 Jan;38(1):83-87. Doi: 10.1007/s00296-017-3883-2. Epub 2017 Nov 15. PubMed PMID: 29143127.

- Dewansingh P, Melse-Boonstra A, Krijnen WP, van der Schans CP, Jager-Wittenaar H, van den Heuvel EGHM. Supplemental protein from dairy products increases body weight and vitamin D improves physical performance in older adults: a systematic review and meta-analysis. Nutr Res. 2018 Jan;49:1-22. Doi: 10.1016/j.nutres.2017.08.004. Epub 2017 Aug 25. Review. PubMed PMID: 29420989.

- Dzik K, Skrobot W, Flis DJ, Karnia M, Libionka W, Kloc W, Kaczor JJ. Vitamin D supplementation attenuates oxidative stress in paraspinal skeletal muscles in patients with low back pain. Eur J Appl Physiol. 2018 Jan;118(1):143-151. Doi: 10.1007/s00421-017-3755-1. Epub 2017 Nov 15. PubMed PMID: 29143122.

- Hansen TH, Madsen MTB, Jørgensen NR, Cohen AS, Hansen T, Vestergaard H, Pedersen O, Allin KH. Bone turnover, calcium homeostasis, and vitamin D status in Danish vegans. Eur J Clin Nutr. 2018 Jan 23. doi: 10.1038/s41430-017-0081-y. [Epub ahead of print] PubMed PMID: 29362456.

- Ikedo A, Arimitsu T, Kurihara T, Ebi K, Fujita S. The effect of ongoing vitamin D and low-fat milk intake on bone metabolism in female high-school endurance runners. J Clin Med Res. 2018 Jan;10(1):13-21. Doi: 10.14740/jocmr3209w. Epub 2017 Dec 1. PubMed PMID: 29238429; PubMed Central PMCID: PMC5722040.

- Jones KDJ, Hachmeister CU, Khasira M, Cox L, Schoenmakers I, Munyi C, Nassir HS, Hünten-Kirsch B, Prentice A, Berkley JA. Vitamin D deficiency causes rickets in an urban informal settlement in Kenya and is associated with malnutrition. Matern Child Nutr. 2018 Jan;14(1). doi: 10.1111/mcn.12452. Epub 2017 May 3. PubMed PMID: 28470840; PubMed Central PMCID: PMC5763407.

- Kim K, Gong HS, Kim J, Baek GH. Expression of vitamin D receptor in the subsynovial connective tissue in women with carpal tunnel syndrome. J Hand Surg Eur Vol. 2018 Jan 1:1753193417749158. doi: 10.1177/1753193417749158. [Epub ahead of print] PubMed PMID: 29329504.

- Moreira ML, Neto LV, Madeira M, Lopes RF, Farias MLF. Vitamin D deficiency and its influence on bone metabolism and density in a Brazilian population of healthy men. J Clin Densitom. 2018 Jan - Mar;21(1):91-97. Doi: 10.1016/j.jocd.2017.01.008. Epub 2017 Feb 21. PubMed PMID: 28233710.

- Pu D, Luo J, Wang Y, Ju B, Lv X, Fan P, He L. Prevalence of depression and anxiety in rheumatoid arthritis patients and their associations with serum vitamin D level. Clin Rheumatol. 2018 Jan;37(1):179-184. Doi: 10.1007/s10067-017-3874-4. Epub 2017 Oct 23. PubMed PMID: 29063463.

- Sato Y, Honda Y, Kaji M, Asoh T, Hosokawa K, Kondo I, Satoh K. Retracted: amelioration of osteoporosis by menatetrenone in elderly female Parkinson's disease patients with vitamin D Deficiency. Bone. 2018 Jan;106:212. Doi: 10.1016/j.bone.2017.10.006. PubMed PMID: 29278315.

- Sabry D, Kaddafy SR, Abdelaziz AA, Nassar AK, Rayan MM, Sadek SM, Abou-Elalla AA. Association of SIRT-1 Gene Polymorphism and Vitamin D Level in Egyptian Patients With Rheumatoid Arthritis. J Clin

Med Res. 2018 Mar;10(3):189-195. doi: 10.14740/jocmr3067e. Epub 2018 Jan 26. PubMed PMID: 29416576; PubMed Central PMCID: PMC5798264.

- Shoenfeld Y, Giacomelli R, Azrielant S, Berardicurti O, Reynolds JA, Bruce IN. Vitamin D and systemic lupus erythematosus - The hype and the hope. Autoimmun Rev. 2018 Jan;17(1):19-23. doi: 10.1016/j.autrev.2017.11.004. Epub 2017 Nov 3. Review. PubMed PMID: 29108830.
- Stagi S, Rigante D. Vitamin D and juvenile systemic lupus erythematosus: Lights, shadows and still unresolved issues. Autoimmun Rev. 2018 Jan 22. pii: S1568-9972(18)30011-9. doi: 10.1016/j.autrev.2018.01.004. [Epub ahead of print] Review. PubMed PMID: 29353100.
- Telleria JJM, Ready LV, Bluman EM, Chiodo CP, Smith JT. Prevalence of vitamin D deficiency in patients with talar osteochondral lesions. Foot Ankle Int. 2018 Jan 1:1071100717745501. doi: 10.1177/1071100717745501. [Epub ahead of print] PubMed PMID: 29359597.
- Tal M, Parr JM, MacKenzie S, Verbrugghe A. Dietary imbalances in a large breed puppy, leading to compression fractures, vitamin D deficiency, and suspected nutritional secondary hyperparathyroidism. Can Vet J. 2018 Jan;59(1):36-42. PubMed PMID: 29302100; PubMed Central PMCID: PMC5731398.