- Xiaokui Mo, Samuel K. Kulp, Charles L. Shapiro and Ching-Shih Chen (2014). AMPK Reverses the Mesenchymal Phenotype of Cancer Cells by Targeting the Akt–MDM2–Foxo3a Signaling Axis. *Cancer Res.*, **74(17)**: 4783-4795.
- Cicatiello, A.G., R. Ambrosio and M. Dentice (2017). Thyroid hormone promotes differentiation of colon cancer stem cells. *Mol Cell Endocrinol.*, **459:** 84-89. doi:10.1016/j.mce.2017.03.017.
- Daniel, C. Berry, Liraz Levi and Noa Noy (2014). Holo-retinol-binding protein and its receptor STRA6 drive oncogenic transformation. *Cancer Res.*, **74(21):** 6341-6351.
- Eilon Krashin, Agnieszka Piekielko-Witkowska, Martin Ellis and Osnat Ashur-Fabian (2019). Thyroid Hormones and Cancer: A Comprehensive Review of Preclinical and Clinical Studies. *Front Endocrinol (Lausanne).*, **10:** 59.
- Elliott, A.C. and W.A. Woodward (2007). Statistical Analysis Quick Reference Guidebook: With SPSS Examples. *Sage*.
- Gavi, S., S. Qurashi, L.M. Stuart, R. Lau, M.M. Melendez, D.C. Mynarcik, M.A. McNurlan and M.C. Gelato (2008). Influence of age on the association of retinol-binding protein 4 with metabolic syndrome. *Obesity (Silver Spring).*, **16:** 893-5.
- Goebel-Stengel, M., L. Wang, A. Stengel and Y. Tache (2011). Localization of Nesfatin-1 neurons in the mouse brain and functional implication. *Brain Res.*, **1396(1)**: 20-34. doi: http://dx.doi.org/10.1016/j.brainres.2011.04.031.
- Graham, T.E., Q. Yang, M. Blüher, A. Hammarstedt, T.P. Ciaraldi, R.R. Henry, C.J. Wason, A. Oberbach, P.A. Jansson and U. Smith (2006). Retinol-binding protein 4 and insulin resistance in lean, obese and diabetic subjects. *N. Engl. J. Med.*, 354: 2552-63. Colorectal cancer: Epidemiology, risk factors and protective factors View in Chinese.
- Hörkkö, T.T., K. Tuppurainen, S.M. George, P. Jernvall, T.J. Karttunen and M.J. Mäkinen (2006). Thyroid hormone receptor β1 in normal colon and colorectal cancer association with differentiation, polypoid growth type and K-ras mutations. *Int. J. Cancer.*, **118**(7): 1653-1659.
- Ingelsson, E. and L. Lind (2009). Circulating retinol-binding protein 4 and subclinical cardiovascular disease in the elderly. *Diabetes Care.*, **32:**733-5.
- Jung-Yu Kan, Meng-Chi Yen, Jaw-Yuan Wang, Deng-Chyang Wu, Yen-Jung Chiu, Ya-Wen Ho and Po-Lin Kuo (2016). Nesfatin-1/Nucleobindin-2 enhances cell migration, invasion and epithelial-mesenchymal transition via LKB1/ AMPK/TORC1/ZEB1 pathways in colon cancer. Oncotarget., 7(21): 31336-31349.
- Kress, E., S. Skah, M. Sirakov, J. Nadjar, N. Gadot, J.Y. Scoazec, J. Samarut and M. Plateroti (2010). Cooperation between the thyroid hormone receptor TRalpha1 and the WNT pathway in the induction of intestinal tumorigenesis. *Gastroenterology.*, 138: 1863-74. <a href="https://doi.org/10.1053/j.gastro.2010.01.041">https://doi.org/10.1053/j.gastro.2010.01.041</a>.
- Lambadiari, V., N.P. Kadoglou, V. Stasinos, E. Maratou. A. Antoniadis, F. Kolokathis, J. Parissis, E. Hatziagelaki, E.K.

- Iliodromitis and G. Dimitriadis (2014). Serum levels of retinol-binding protein-4 are associated with the presence and severity of coronary artery disease. *Cardiovasc Diabetol.*. **13:** 121.
- Lee, Y.S., Y.T. Chin and Y.J. Shih *et al.*, (2018). Thyroid hormone promotes  $\beta$ -catenin activation and cell proliferation in colorectal cancer. *Horm Cancer.*, **9(3):** 156-165. doi:10.1007/s12672-018-0324-y.
- Lim, S., J.W. Yoon, S.H. Choi, Y.J. Park, J.J. Lee, J.H. Park, S.B. Lee, K.W. Kim, J.Y. Lim and Y.B. Kim (2010). Combined impact of adiponectin and retinol-binding protein 4 on metabolic syndrome in elderly people: the Korean Longitudinal Study on Health and Aging. *Obesity (Silver Spring).*, 18: 826-32.
- Lin, H.Y., Y.T. Chin and Y.C. Yang *et al.*, (2016). Thyroid hormone, cancer and apoptosis. *Compr Physiol.*, **6**(3):1221-1237. doi:10.1002/cphy.c150035.
- Meester, R.G.S., A. Mannalithara. I. Lansdorp-Vogelaar and U. Ladabaum (2019). Trends in Incidence and Stage at Diagnosis of Colorectal Cancer in Adults Aged 40 Through 49 Years, 1975-2015. *J.A.M.A.*, **321:**1933.
- Nakagawa, H., H. Ito, S. Hosono, I. Oze, H. Mikami and M. Hattori *et al.*, (2016). Changes in trends in colorectal cancer incidence rate by anatomic site between 1978 and 2004 in Japan. *Eur. J. Cancer. Prev.*
- Olga Rostkowska, Piotr Spychalski, Malgorzata Dobrzycka, Maciej Wilczyński andrzej J. Lachiński, Lukasz Obolończyk, Krzysztof Sworczak and Jarek Kobiela (2019). Effects of thyroid hormone imbalance on colorectal cancer carcinogenesis and risk-a systematic review. *Endokrynologia Polska.*, **70(2):** 190-197.
- Patrick, H. Dessein, Linda Tsang, Gavin R. Norton, Angela J. Woodiwiss and Ahmed Solomon (2014). Retinol Binding Protein 4 Concentrations Relate to Enhanced Atherosclerosis in Obese Patients with Rheumatoid Arthritis. *PLOS ONE.*, **9(3)**: e92739.
- Prashanth Rawla, Tagore Sunkara and Adam Barsouk (2019). Epidemiology of colorectal cancer: incidence, mortality, survival and risk factors. *Prz. Gastroenterol.*, **14(2):** 89-103. doi: 10.5114/pg.2018.81072.
- Shinsuke, O.I., S. Hiroyuki, S. Tetsurou, O. Shuichi, A. Sachika, I. Kinji, E. Hiroshi, Y. Masanori, I. Toshihiro and H. Koushi (2006). Identification of nesfatin-1 as a satiety molecule in the hypothalamus. *Nature.*, **443**: 709-712.
- Siegel, R.L., K.D. Miller and A. Jemal (2015). Cancer statistics, 2015. *C.A. Cancer. J. Clin.*, **65:** 529.
- Sun, Q., U.A. Kiernan, L. Shi, D.A. Phillips, B.B. Kahn, F.B. Hu, J.E. Manson, C.M. Albert and K.M. Rexrode (2013). Plasma retinol-binding protein 4 (RBP4) levels and risk of coronary heart disease: a prospective analysis among women in the Nurses' Health Study. *Circulation.*, **127:** 1938-1947.
- Wang, G.H., H. Gui, H.L. Wang, Y.Y. Wei and J.B. Li (2014). Control study of Plasma Nesfatin-1 and cortisol level in gastric cancer Patients With or Without dePression. Lin