

## DAFTAR PUSTAKA

- ADA. 2018. American Diabetes Association (ADA) *Standards of Medical Care in Diabetes: Classification And Diagnosis Of Diabetes*. *Diabetes Care*, 41(Supplement 1), 13–27.
- Afendi, F. M., Okada, T., Yamazaki, M., Hirai-Morita, A., Nakamura, Y., Nakamura, K., & Kanaya, S. 2012. KNAPSAcK family databases: integrated metabolite–plant species databases for multifaceted plant research. *Plant and Cell Physiology*, 53(2).
- Ahlgren, U., Jonsson, J., Jonsson, L., Simu, K., and Edlund, H. 1998. betacell-specific inactivation of the mouse Ipf1/Pdx1 gene results in loss of the beta-cell phenotype and maturity onset diabetes. *Genes Dev.* 12, 1763–1768.
- Alam, F., Islam, A., Khalil, I., & Hua Gan, S. 2016. Metabolic control of type 2 diabetes by targeting the GLUT4 glucose transporter: intervention approaches. *Current pharmaceutical design*, 22(20), 3034-3049.
- America Diabetes Association. 2014. Diagnosis and Classification of Diabetes Mellitus, Diabetes Care volume 37, Supplement 1. *USA America*. (pp 581)
- Ansori, A. N. M., Fadholly, A., Hayaza, S., Susilo, R. J. K., Inayatullah, B., Winarni, D., & Husen, S. A. 2020. A review on medicinal properties of mangosteen (*Garcinia mangostana* L.). *Research Journal of Pharmacy and Technology*, 13(2), 974-982.
- Ansori, A.N.M., Susilo, R.J.K., Hayaza, S., Winarni, D. and Husen, S.A. 2019. Renoprotection by *Garcinia mangostana* L. pericarp extract in streptozotocin-induced diabetic mice. *Iraqi Journal of Veterinary Sciences* 33(1): 13-19.
- Arakelyan, A., & Nersisyan, L. 2013. KEGG Parser: parsing and editing KEGG pathway maps in Matlab. *Bioinformatics*, 29(4), 518-519.
- Azmi, A. S., Wang, Z., Philip, P. A., Mohammad, R. M., & Sarkar, F. H. 2010. Proof of concept: network and systems biology approaches aid in the discovery of potent anticancer drug combinations. *Molecular cancer therapeutics*, 9(12), 3137-3144.

- Bare, Y., Maulidi, A., Sari, D. R. T., & Tiring, S. S. N. D. 2019. Studi in Silico Prediksi Potensi 6-Gingerol sebagai inhibitor c-Jun N-terminal kinases (JNK): Prediction Potential of 6-gingerol as c-Jun N-terminal kinases (JNK): In Silico approach. *Jurnal Jejaring Matematika dan Sains*, 1(2), 59-63.
- Chen, G., Li, Y., Wang, W., & Deng, L. 2018. Bioactivity and pharmacological properties of  $\alpha$ -mangostin from the mangosteen fruit: a review. *Expert opinion on therapeutic patents*, 28(5), 415-427.
- Cohen, M., Kitsberg, D., Tsytkin, S., Shulman, M., Aroeti, B., & Nahmias, Y. 2014. Live imaging of GLUT2 glucose-dependent trafficking and its inhibition in polarized epithelial cysts. *Open biology*, 4(7), 140091.
- Daina, A., Michelin, O., & Zoete, V. 2019. SwissTargetPrediction: updated data and new features for efficient prediction of protein targets of small molecules. *Nucleic acids research*, 47(W1), W357-W364.
- Davidson, C. M., Northrup, H., King, T. M., Fletcher, J. M., Townsend, I., Tyerman, G. H., & Au, K. S. 2008. Genes in glucose metabolism and association with spina bifida. *Reproductive sciences*, 15(1), 51-58.
- Decroli E. 2019. *Diabetes Melitus Tipe 2*. Padang: Pusat Penerbitan Bagian Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Andalas.
- Del-Corso, A., Balestri, F., Di Bugno, E., Moschini, R., Cappiello, M., Sartini, S., & Mura, U. 2013. A new approach to control the enigmatic activity of aldose reductase. *PloS one*, 8(9), e74076.
- Demir, Y., Durmaz, L., Taslimi, P., & Gulçin, İ. 2019. Antidiabetic properties of dietary phenolic compounds: Inhibition effects on  $\alpha$ -amylase, aldose reductase, and  $\alpha$ -glycosidase. *Biotechnology and applied biochemistry*, 66(5), 781-786.
- Dewi, N. S. A. & Sanjaya, I. G. M. 2018. Study komputasi aktivitas senyawa turunan mangiferin sebagai anti diabetes tipe 1 menggunakan metode hksa (hubungan kuantitatif struktur dan aktivitas) dan penambatan molekul. *Unesa Journal of Chemistry*, 7(1).

- Dapiro, Cecily V., Barbara G. Wells, Joseph T DiPiro, and Terry L. Schwinghammer. 2015. *Pharmacotherapy Handbook 9th Ed.* United States: McGraw-Hill Education.
- Fatimah, R. N. 2015. Diabetes melitus tipe 2. *Jurnal Majority*, 4(5).
- Gfeller, D., Grosdidier, A., Wirth, M., Daina, A., Michelin, O., & Zoete, V. 2014. SwissTargetPrediction: a web server for target prediction of bioactive small molecules. *Nucleic acids research*, 42(W1), W32-W38.
- Goldfine, A. B., 2001, Hospital Practice : Type 2 Diabetes : New Drugs, New Perspectives, *The McGraw-Hill Companies*, Boston, 1 – 6
- Gu, J., Gui, Y., Chen, L., Yuan, G., & Xu, X. 2013. CVDHD: a cardiovascular disease herbal database for drug discovery and network pharmacology. *Journal of cheminformatics*, 5(1), 1-6.
- Haghvirdizadeh, P., Mohamed, Z., Abdullah, N. A., Haghvirdizadeh, P., Haerian, M. S., & Haerian, B. S. 2015. KCNJ11: genetic polymorphisms and risk of diabetes mellitus. *Journal of diabetes research*, 2015.
- Handriyono, K. 2011. Karakter kulit manggis, kadar polifenol dan potensi antioksidan kulit manggis (*Garcinia mangostana* L.) pada berbagai umur buah dan setelah buah dipanen. *Falkutas Pertanian IPB*. Bogor.
- Hopkins, A. L. 2008. Network pharmacology: the next paradigm in drug discovery. *Nature chemical biology*, 4(11), 682-690.
- Huang, H., Wu, X., Pandey, R., Li, J., Zhao, G., Ibrahim, S., & Chen, J. Y. 2012. C 2 Maps: a network pharmacology database with comprehensive disease-gene-drug connectivity relationships. *BMC genomics*, 13(6), 1-14.
- Husen, S. A., Winarni, D., Khaleyla, F., & Kalqutny, S. H. 2016. Activity test of various mangosteen (*Garcinia mangostana*) pericarp extract fractions to decrease fasting blood cholesterol levels and lipid peroxidation activity in diabetic mice. *Berkala Penelitian Hayati*, 22(1), 13-17.
- Hu, Y., Li, J., Chang, A. K., Li, Y., Tao, X., Liu, W & Liang, X. 2021. Screening and tissue distribution of protein tyrosine phosphatase 1B inhibitors in mice

- following oral administration of *Garcinia mangostana* L. ethanolic extract. *Food Chemistry*, 357, 129759.
- Ideker, T., Galitski, T., & Hood, L. 2001. A new approach to decoding life: systems biology. *Annual review of genomics and human genetics*, 2(1), 343-372.
- Indonesia, P. E. 2015. Pengelolaan dan pencegahan diabetes melitus tipe 2 di Indonesia. *Pb. Perkeni*.
- Jiang C, Liang L, Guo Y. 2012. Natural products possessing protein tyrosine phosphatase 1B (PTP1B) inhibitory activity found in the last decades. *Acta Pharmacol Sin*. 33: 1217-1245
- Jonsson, J., Carlsson, L., Edlund, T., dan Edlund, H. 1994. Insulin-promoter-factor 1 is required for pancreas development in mice. *Nature* 371, 606–609.
- Jung HA, Su BN, Keller WJ, Mehta RG, Kinghorn AD., 2006, Antioxidant xanthones from the pericarp of *Garcinia mangostana* (Mangosteen). *Journal of Agricultural and Food Chemistry*. 54(6): 2077-2082.
- Kanehisa,M. et al. 2010. KEGG for representation and analysis of molecular networks involving diseases and drugs. *Nucleic Acids Res.*, 38, D355–D360.
- Kanehisa, M., Goto, S., Sato, Y., Furumichi, M., & Tanabe, M. 2012. KEGG for integration and interpretation of large-scale molecular data sets. *Nucleic acids research*, 40(D1), D109-D114.
- Kanehisa, M., Sato, Y., & Kawashima, M. 2021. KEGG mapping tools for uncovering hidden features in biological data. *Protein Science*.
- Katzung, B. G. 2012. Development & Regulation of Drugs. *Basic & Clinical Pharmacology*. Penerbit Buku Kedikteran EGC, hal : 715-717.
- Keiser MJ, Roth BL, Armbruster BN, Ernsberger P, Irwin JJ, Shoichet BK. 2007. Relating protein pharmacology by ligand chemistry. *Nat Biotech* 25 (2), 197-206.
- Khan, S. N., & Khan, A. U. 2016. Breaking the spell: combating multidrug resistant ‘superbugs’. *Frontiers in microbiology*, 7, 174.

- Kibble, M., Saarinen, N., Tang, J., Wennerberg, K., Mäkelä, S., & Aittokallio, T. 2015. Network pharmacology applications to map the unexplored target space and therapeutic potential of natural products. *Natural product reports*, 32(8), 1249-1266.
- Kim, T. H., Kim, M. Y., Jo, S. H., Park, J. M., & Ahn, Y. H. 2013. Modulation of the transcriptional activity of peroxisome proliferator-activated receptor gamma by protein-protein interactions and post-translational modifications. *Yonsei medical journal*, 54(3), 545.
- Kim, S., Thiessen, P. A., Bolton, E. E., Chen, J., Fu, G., Gindulyte, A. & Bryant, S. H. 2016. PubChem substance and compound databases. *Nucleic acids research*, 44(D1), D1202-D1213.
- Kim, S., Chen, J., Cheng, T., Gindulyte, A., He, J., He, S., & Bolton, E. E. 2019. PubChem 2019 update: improved access to chemical data. *Nucleic acids research*, 47(D1), D1102-D1109.
- Kirtishanti, A. 2016. The effect of mengkudu fruit methanolic extract and methanolic residual fraction on GLUT-4 protein elevation. *Indonesian Journal of Pharmacy*, 170-177.
- KNAPSAcK. *Garcinia mangostana*. [http://www.knapsackfamily.com/knapsack\\_core/result.php?sname=all&word=garcinia%20mangostana](http://www.knapsackfamily.com/knapsack_core/result.php?sname=all&word=garcinia%20mangostana). 2021. (11.15)
- Kurniawati, M. 2014. Kadar Xanton dalam Jus Kulit Buah Manggis (*Garcinia mangostana* L.) dan Efek Inhibisi Jus Kulit Buah Manggis terhadap Aktivitas Enzim alfa-Glukosidase. *NATURAL B*, 2(4), 317-321.
- Kong, W. J., Zhang, H., Song, D. Q., Xue, R., Zhao, W., Wei, J & Jiang, J. D. 2009. Berberine reduces insulin resistance through protein kinase C-dependent up-regulation of insulin receptor expression. *Metabolism*, 58(1), 109-119.
- Lamos, E. M., Levitt, D. L., & Munir, K. M. 2015. A review of dopamine agonist therapy in type 2 diabetes and effects on cardio-metabolic parameters. *Primary care diabetes*, 10(1), 60-65.
- Li, H., Zhao, L., Zhang, B., Jiang, Y., Wang, X., Guo, Y., & Tong, X. 2014. A network pharmacology approach to determine active compounds and action

- mechanisms of ge-gen-qin-lian decoction for treatment of type 2 diabetes. *Evidence-based complementary and alternative medicine*, 2014.
- Li, S., & Zhang, B. 2013. Traditional Chinese medicine network pharmacology: theory, methodology and application. *Chinese journal of natural medicines*, 11(2), 110-120.
- Li, S., Fan, T. P., Jia, W., Lu, A., & Zhang, W. 2014. Network pharmacology in traditional Chinese medicine.
- Li, S., Zhang, B., & Zhang, N. 2011. Network target for screening synergistic drug combinations with application to traditional Chinese medicine. *BMC systems biology*, 5(1), 1-13.
- Liu, X., Luo, D., Zheng, M., Hao, Y., Hou, L., & Zhang, S. 2010. Effect of pioglitazone on insulin resistance in fructose-drinking rats correlates with AGEs/RAGE inhibition and block of NAPDH oxidase and NF kappa B activation. *European journal of pharmacology*, 629(1-3), 153-158.
- Li, W., Yuan, G., Pan, Y., Wang, C., & Chen, H. 2017. Network pharmacology studies on the bioactive compounds and action mechanisms of natural products for the treatment of diabetes mellitus: a review. *Frontiers in pharmacology*, 8, 74.
- Lu, C., Fu, W., Zhou, R., & Hu, W. 2020. Network pharmacology-based study on the mechanism of Yiganling capsule in hepatitis B treatment. *BMC complementary medicine and therapies*, 20(1), 37.
- Luo, R., Huang, X., Yan, Z., Gao, X., Wang, P., Yang, Q. & Guo, S. 2020. Identification and Characterization of MAPK Signaling Pathway Genes and Associated lncRNAs in the Ileum of Piglets Infected by Clostridium perfringens Type C. *BioMed research international*, 2020.
- Magallanes, B. O., Perez, D. E., & Chaverri, J. P. 2017. Medicinal Properties of Mangosteen (*Garcinia mangostana* L.): A Comprehensive Update. *Food and Chemical Toxicology* 109, 102-122.
- Mahmudah, R. A., Adnyana, I. K., & Sukandar, E. Y. 2021. Molecular docking studies of  $\alpha$ -mangostin,  $\gamma$ -mangostin, and xanthone on peroxisome proliferator-activated receptor gamma diphenyl peptidase-4 enzyme, and

- aldose reductase enzyme as an antidiabetic drug candidate. *Journal of Advanced Pharmaceutical Technology & Research*, 12(2), 196.
- Mahapatra, D. K., Asati, V., & Bharti, S. K. 2015. Chalcones and their therapeutic targets for the management of diabetes: structural and pharmacological perspectives. *European journal of medicinal chemistry*, 92, 839-865.
- Matsuoka, T.A., Artner, I., Henderson, E., Means, A., Sander, M., and Stein, R. 2004. The MafA transcription factor appears to be responsible for tissue-specific expression of insulin. *Proc. Natl. Acad. Sci. USA* 101, 2930– 2933.
- Munin, H, dan Hanani, E. 2011. *Fitoterapi Dasar*. Dian Rakyat. Depok. Jawa Barat.
- Ochieng, P. J., Kusuma, W. A., Rafi, M. O. H. A. M. A. D., & Sumaryada, T. O. N. Y. 2017. Deciphering the action mechanism of Indonesia herbal decoction in the treatment of type II diabetes using a network pharmacology approach. *Int J Pharm Pharm Sci*, 9(3), 243-53.
- Octaviani, Y., Saepudin, D., & Kurniawan, I. 2020. Penerapan Optimasi Portofolio Menggunakan Strength Pareto Evolutionary Algorithm 2 (spea2) Untuk Pemilihan Molekul Obat Dalam Penghambatan Ptp1b Pada Penyakit Diabetes Melitus. *eProceedings of Engineering*, 7(2).
- Offield, M. F., Jetton, T. L., Labosky, P. A., Ray, M., Stein, R. W., Magnuson, M. A. & Wright, C. V. 1996. PDX-1 is required for pancreatic outgrowth and differentiation of the rostral duodenum. *Development*, 122(3), 983-995.
- Olbrot, M., Rud, J., Moss, L.G., and Sharma, A. 2002. Identification of beta-cell-specific insulin gene transcription factor RIPE3b1 as mammalian MafA. *Proc. Natl. Acad. Sci. USA* 99, 6737–6742.
- Ouyang, S., Tang, R., Liu, Z., Ma, F., Li, Y., & Wu, J. 2017. Characterization and predicted role of microRNA expression profiles associated with early childhood obesity. *Molecular medicine reports*, 16(4), 3799-3806.
- Parr, L. S., Sriram, G., Nazarian, R., Rahib, L., & Dipple, K. M. 2018. The ATP-stimulated translocation promoter (ASTP) activity of glycerol kinase plays central role in adipogenesis. *Molecular genetics and metabolism*, 124(4), 254-265.

PERKENI, 2015, *Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia*, PERKENI, Jakarta.

Poeloengan, M., & Praptiwi, P. 2010. Uji aktivitas antibakteri ekstrak kulit buah manggis (*Garcinia mangostana* Linn). *Media Penelitian dan Pengembangan Kesehatan*, 20(2 Jun).

Poornima, P., Kumar, J. D., Zhao, Q., Blunder, M., & Efferth, T. 2016. Network pharmacology of cancer: From understanding of complex interactomes to the design of multi-target specific therapeutics from nature. *Pharmacological research*, 111, 290-302.

Prabhakar, P. K., & Sivakumar, P. M., 2019. Protein Tyrosine Phosphatase 1B Inhibitors: A Novel Therapeutic Strategy for the Management of type 2 Diabetes Mellitus, *Current Pharmaceutical Design*, 25(23), 2526–2539.

Prasetya, R. C., Haniastuti, T., & Purwanti, N. 2013. Ekspresi COX-2 setelah pemberian ekstrak etanolik kulit manggis (*Garcinia mangostana* Linn) pada tikus wistar (COX-2 expression after mangosteen rind (*Garcinia mangostana* Linn) etanolic extract administration in wistar rats). *Dental Journal (Majalah Kedokteran Gigi)*, 46(4), 173-178.

Pujiastuti, M. W. 2017. Penentuan Aktivitas Senyawa Turunan Mangiferin Sebagai Antidiabetes Pada Diabetes Mellitus Tipe 2 Secara in Silico Determination Of Mangiferin Derived Compounds As Antidiabetic For Type 2 Diabetes Mellitus With in Silico. *UNESA Journal of Chemistry*, 6(3).

Pusat Data dan Informasi Kementerian Kesehatan RI. Riset Kesehatan Dasar. Jakarta: Kementerian Kesehatan RI. 2013; h1-6.

Qian, Y., Sun, X., Wang, X., Yang, X., Fan, M., Zhong, J & Guo, J. 2021. Mechanism of Cordyceps Cicadae in Treating Diabetic Nephropathy Based on Network Pharmacology and Molecular Docking Analysis. *Journal of Diabetes Research*, 2021.

Rab, M. A., van Oirschot, B. A., Kosinski, P. A., Hixon, J., Johnson, K., Chubukov, V., & van Wijk, R. 2021. AG-348 (mitapivat), an allosteric activator of red blood cell pyruvate kinase, increases enzymatic activity,

- protein stability, and adenosine triphosphate levels over a broad range of PKLR genotypes. *haematologica*, 106(1).
- Rohrborn, D., Wronkowitz, N., & Eckel, J. 2015. DPP4 in diabetes. *Frontiers in immunology*, 6, 386.
- Ryu, H.W., Cho, J.K., Curtis-Long, M.J., Yuk, H.J., Kim, Y.S., Jung, S., et al. 2011.  $\alpha$ -Glucosidase inhibition and antihyperglycemic activity of prenylated xanthones from Garcinia mangostana. *Phytochemistry* 72:2148–2154.
- Saito, R., Smoot, M. E., Ono, K., Ruscheinski, J., Wang, P. L., Lotia, S., & Ideker, T. 2012. A travel guide to Cytoscape plugins. *Nature methods*, 9(11), 1069-1076.
- Schneider, M., Lane, L., Boutet, E., Lieberherr, D., Tognolli, M., Bougueret, L., & Bairoch, A. 2009. The UniProtKB/Swiss-Prot knowledgebase and its plant proteome annotation program. *Journal of proteomics*, 72(3), 567-573.
- Seino, S., Shibasaki, T., & Minami, K. 2010. Pancreatic  $\beta$ -cell signaling: toward better understanding of diabetes and its treatment. *Proceedings of the Japan Academy, Series B*, 86(6), 563-577.
- Song, J., Yang, Y., Mauvais-Jarvis, F., Wang, Y.-P., & Niu, T. 2017. KCNJ11, ABCC8 and TCF7L2 polymorphisms and the response to sulfonylurea treatment in patients with type 2 diabetes: a bioinformatics assessment. *BMC Medical Genetics*, 18(1), 64.
- Stoffers, D.A., Zinkin, N.T., Stanojevic, V., Clarke, W.L., and Habener, J.F. 1997. Pancreatic agenesis attributable to a single nucleotide deletion in the human IPF1 gene coding sequence. *Nat. Genet.* 15, 106-110.
- Su, G., Morris, J. H., Demchak, B., & Bader, G. D. 2014. Biological network exploration with Cytoscape 3. *Current protocols in bioinformatics*, 47(1), 8-13.
- Szklarczyk, D., Gable, A. L., Lyon, D., Junge, A., Wyder, S., Huerta-Cepas, J., & Mering, C. V. 2019. STRING v11: protein–protein association networks with increased coverage, supporting functional discovery in genome-wide experimental datasets. *Nucleic acids research*, 47(D1), D607-D613.

- Szklarczyk, D., Gable, A. L., Nastou, K. C., Lyon, D., Kirsch, R., Pyysalo, S., & von Mering, C. 2021. The STRING database in 2021: customizable protein–protein networks, and functional characterization of user-uploaded gene/measurement sets. *Nucleic Acids Research*, 49(D1), D605-D612.
- Tao, W., Xu, X., Wang, X., Li, B., Wang, Y., Li, Y., & Yang, L. 2013. Network pharmacology-based prediction of the active ingredients and potential targets of Chinese herbal Radix Curcumae formula for application to cardiovascular disease. *Journal of ethnopharmacology*, 145(1), 1-10.
- Tjay, H. T., & Rahardja, K. 2015. Obat-Obat Penting Khasiat, Penggunaan dan Efek-Efek Sampingnya, Edisi Ketujuh. *Jakarta (ID): PT. Elex Media Komputindo*.
- Travaglini, L., Nardella, M., Bellacchio, E., D'Amico, A., Capuano, A., Frusciante, R., & Zanni, G. 2017. Missense mutations of CACNA1A are a frequent cause of autosomal dominant nonprogressive congenital ataxia. *European Journal of Paediatric Neurology*, 21(3), 450-456.
- UniProt Consortium. 2012. Update on activities at the Universal Protein Resource (UniProt) in 2013. *Nucleic acids research*, 41(D1), D43-D47.
- UniProt Consortium. 2019. UniProt: a worldwide hub of protein knowledge. *Nucleic acids research*, 47(D1), D506-D515.
- Uniprot. 2021. About UniProt. <https://www.uniprot.org/help/about>. 15 Desember 2021 (18.30)
- United State Department of Agriculture. 2020. *USDA National Nutrient Database for Standard Reference*. www.nal.usda.gov/fnic/foodcomp/search/ [10 Juni 2021].
- Vitali, F., Mulas, F., Marini, P., & Bellazzi, R. 2013. Network-based target ranking for polypharmacological therapies. *Journal of biomedical informatics*, 46(5), 876-881.
- Wang, H., Brun, T., Kataoka, K., Sharma, A. J., & Wollheim, C. B. 2007. MAFA controls genes implicated in insulin biosynthesis and secretion. *Diabetologia*, 50(2), 348-358.

- Winder, W. A., & Hardie, D. G. 1999. AMP-activated protein kinase, a metabolic master switch: possible roles in type 2 diabetes. *American Journal of Physiology-Endocrinology And Metabolism*, 277(1), E1-E10.
- Xie, X. Q. S. 2010. Exploiting PubChem for virtual screening. *Expert opinion on drug discovery*, 5(12), 1205-1220.
- Yuswantina, R., & Dyahariesti, N. 2018. Analisis efektivitas biaya penggunaan antidiabetes oral tunggal dan kombinasi pada pasien bpjs penderita diabetes millitus tipe 2 di rumah sakit x. *Media Farmasi Indonesia*, 13(1).
- Zaccardi, F., Webb, D. R., Yates, T., & Davies, M. J. 2016. Pathophysiology of type 1 and type 2 diabetes mellitus: a 90-year perspective. *Postgraduate medical journal*, 92(1084), 63-69.
- Zhang, X., Gu, J., Cao, L., Li, N., Ma, Y., Su, Z., & Xiao, W. 2014. Network pharmacology study on the mechanism of traditional Chinese medicine for upper respiratory tract infection. *Molecular BioSystems*, 10(10), 2517-2525.
- Zhou, Y., Zhang, Y., Lian, X., Li, F., Wang, C., Zhu, F., & Chen, Y. 2021. Therapeutic target database update 2022: facilitating drug discovery with enriched comparative data of targeted agents. *Nucleic Acids Research*.
- Zintzaras, E., Miligkos, M., Ziakas, P., Balk, E. M., Mademtzoglou, D., Doxani, C., & Hadjigeorgiou, G. M. 2014. Assessment of the relative effectiveness and tolerability of treatments of type 2 diabetes mellitus: a network meta-analysis. *Clinical therapeutics*, 36(10), 1443-1453.