

CURRICULUM VITAE

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PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Baazim H., Koyuncu E., Tuncman G., Burak M. F., Merkel L., Bahour N., Karabulut E. S., Lee G. Y., Hanifehnezhad A., Karagoz Z. F. vd., "FABP4 as a therapeutic host target controlling SARS-CoV-2 infection", *EMBO Molecular Medicine*, vol. 17, no. 3, pp. 414-440, 2025.
- A2.** Çetin E., Pedersen B., Burak M. F., "Paradigm shift in obesity treatment: An extensive review of current pipeline agents", *Turkish Journal of Medical Sciences*, vol. 55, no. 1, 2025.
- A3.** Çetin E., Burak M. F., "LATEST ADVANCES FOR TREATING CONGENITAL ADRENAL HYPERPLASIA DUE TO 21-HYDROXYLASE DEFICIENCY 21-HİDROKSİLİZ EKSİKLİĞİNE BAĞLI KONJENİTAL ADRENAL HİPERPLAZİ TEDAVİSİNDEKİ YENİLİKLER", *Istanbul Tıp Fakültesi Dergisi*, vol. 88, no. 2, pp. 155-163, 2025.
- A4.** Çetin E., Pedersen B., Burak M. F., "Clinical Unmet Needs in Hypoparathyroidism and Current Pipeline Agents", *Endocrinology Research and Practice*, vol. 28, no. 4, pp. 240-246, 2024.
- A5.** Burak M. F., Stanley T. L., Lawson E. A., Campbell S. L., Lynch L., Hasty A. H., Domingos A. I., Dixit V. D., Hotamışlıgil G. S., Sheedy F. J. vd., "Adiposity, immunity, and inflammation: interrelationships in health and disease: a report from 24th Annual Harvard Nutrition Obesity Symposium, June 2023", *American Journal of Clinical Nutrition*, vol. 120, no. 1, pp. 257-268, 2024.
- A6.** Çetin E., Pedersen B., Porter L. M., Adler G. K., Burak M. F., "Protocol for a randomized placebo-controlled clinical trial using pure palmitoleic acid to ameliorate insulin resistance and lipogenesis in overweight and obese subjects with prediabetes", *Frontiers in Endocrinology*, vol. 14, 2023.
- A7.** Kip P., Sluiter T. J., Moore J. K., Hart A., Ruske J., O'leary J., Jung J., Tao M., Macarthur M. R., Heindel P. vd., "Short-term pre-operative protein caloric restriction in elective vascular surgery patients: A randomized clinical trial", *Nutrients*, vol. 13, no. 11, 2021.
- A8.** Kip P., Trocha K. M., Tao M., O'leary J. J., Ruske J., Giulietti J. M., Trevino-villareal J. H., Macarthur M. R., Bolze A., Burak M. F. vd., "Insights From a Short-Term Protein-Calorie Restriction Exploratory Trial in Elective Carotid Endarterectomy Patients", *Vascular and Endovascular Surgery*, vol. 53, no. 6, pp. 470-476, 2019.
- A9.** Gagliano-juca T., Burak M. F., Pencina K. M., Li Z., Edwards R. R., Trivison T. G., Basaria S., "Metabolic changes in androgen-deprived nondiabetic men with prostate cancer are not mediated by cytokines or aP2", *Journal of Clinical Endocrinology and Metabolism*, vol. 103, no. 10, pp. 3900-3908, 2018.
- A10.** Burak M. F., Inouye K. E., White A., Lee A., Tuncman G., Calay E. S., Sekiya M., Tirosh A., Eguchi K., Birrane G. vd., "Development of a therapeutic monoclonal antibody that targets secreted fatty acid-binding protein aP2 to treat type 2 diabetes", *Science Translational Medicine*, vol. 7, no. 319, 2015.
- A11.** Cao H., Sekiya M., Eriksi Ertunc M., Burak M. F., Mayers J. R., White A., Inouye K., Rickey L. M., Ercal B. C., Furuhashi M. vd., "Adipocyte lipid chaperone aP2 Is a secreted adipokine regulating hepatic glucose production", *Cell Metabolism*, vol. 17, no. 5, pp. 768-778, 2013.
- A12.** Pihlajamäki J., Lerin C., Kaminska D., Venesmaa S., Itkonen P., Boes T., Floss T., Schroeder J., Dearie F., Crunkhorn S. vd., "Response to Brosch et al.", *Cell Metabolism*, vol. 15, no. 3, pp. 267-269, 2012.
- A13.** Pihlajamäki J., Lerin C., Itkonen P., Boes T., Floss T., Schroeder J., Dearie F., Crunkhorn S., Burak M. F., Jimenez-chillaron J. C. vd., "Expression of the splicing factor gene SFRS10 is reduced in human obesity and contributes to enhanced lipogenesis", *Cell Metabolism*, vol. 14, no. 2, pp. 208-218, 2011.