

Research articles/Publications

1. Jha, A.K., Nauhria, S., Bansal, D., Chhetri, P., Baral, P. (2023). Composite Anatomical Variations Between the Sciatic Nerve and the Piriformis Muscle. In: Iyer, K.M. (eds) Piriformis Syndrome. Springer, Cham. https://doi.org/10.1007/978-3-031-40736-9_14
2. Chris S. Breivogel, Bonnie B. Brenseke, Khalil Eldeeb, Katlyn Nichols, Amreen Jonas, Artik H. Mistry, Laura Barbalato, Nicholas Luibil, Allyn C. Howlett, Sandra Leone-Kabler, Rob H. Hilgers, Victor M. Pulgar. Effects of D⁹-tetrahydrocannabinol and the aminoalkylindole K2/spice constituent JWH-073 on cardiac tissue and mesenteric vascular reactivity. *Cannabis and Cannabinoid Research*. 2023. <https://doi.org/10.1089/can.2022.0325>
3. Nain P, Nayak N, Maj MC, Singh RK, Kaur J, Jeong Y, Maity S, Nath R, Hilgers RH, Nauhria S, Nauhria S. Efficacy of lanthanum carbonate and sevelamer carbonate as phosphate binders in chronic kidney disease-A comparative clinical study. *Pharmacy*. 2023;11-277. <https://doi.org/10.3390/pharmacy11010027>
4. Kaur S, Gill KS, Manjari M, Kumar S, Nauhria S, Nath R, Patel C, Hamdan K, Jeong Y, Nayak NP, Maity S, Hilgers R, Nauhria S. [Human Epidermal Growth Factor Receptor 2 \(HER2\) Expression in Colorectal Carcinoma: A Potential Area of Focus for Future Diagnostics](https://doi.org/10.3390/cureus1403e22811). *Cureus*. 2022 Mar 3;14(3):e22811
5. Biswas, P., and Sukumar, T. K. (2022), The Efficacy of Adjuvant N Acetyl Cysteine for the Eradication of H. pylori Infections: A Systematic Review and Meta-analysis of Randomized Clinical Trials. *Clinics and Research in Hepatology and Gastroenterology*. Elsevier Masson, p. 101832.
6. Biswas, P. and Sukumar, T. K. (In Press) 'Challenging Tokenism in Equity Diversity Inclusion Initiatives in health professions education, BMJ Leader
7. Biswas, P., Sukumar, T. K., & Hilgers, R. (In process). The efficacy of statins in the treatment of postmenopausal osteoporosis: A systematic review and network meta-analysis of randomized clinical trials
8. Chhetri P. Ghosh T. Fourth Ventricle Compression (CV4) as a Method for Stress Management. In *Ergonomics for Design and Innovation: Humanizing Work and Work*

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Environment: Proceedings of HWWE 2021 (pp. 1215-1225). Cham: Springer International Publishing. 2022 https://doi.org/10.1007/978-3-030-94277-9_103

9. Chhetri P., Shrestha L., and Mahotra N. B., Validity of Elite-HRV Smartphone Application for Measuring Heart Rate Variability Compared to Polar V800 Heart Rate Monitor. *Journal of Nepal Health Research Council*, 2021. 19(04), 809-813.
10. King SE*, Mulik C*, et al. (2023) Prenatal Stress as a Risk Factor for Epigenetic Transgenerational Programming of Attention Deficit Hyperactivity Disorder (in preparation) *co-first author
11. King SE*, Schatz N*, et al. (2023) Ancestral Prenatal Stress Alters Neurodegenerative Disease Pathways in the Fetal Cortex and Placenta (in preparation) *co-first author
12. Nauhria, S., Nauhria, S., Derksen, I., Basu, A., & Xantus, G. (2021). The Impact of Community Service Experience on the Undergraduate Students' Learning Curve and Subsequent Changes of the Curriculum- A Quality Improvement Project at a Caribbean Medical University. *Frontiers in Education*, 6, 709411. <https://doi.org/10.3389/feduc.2021.709411>
13. Nilsson EE, McBirney M, De Santos S, King SE, Beck D, Greeley C, Holder LB, Skinner MK. Successive Multiple Generation Distinct Toxicant Exposures Induce Epigenetic-Transgenerational-Inheritance of Enhanced Pathology and Disease. (in prep)
14. King SE, Schatz, NA, Babenko O, Ilnytskyy Y, Kovalchuk I, Metz GAS. (2023) Transgenerational epigenetic and transcriptomic regulation by prenatal maternal stress alters the maternal-fetal interface and neurodevelopment across four generations (submitted to Nature Communications call for papers in Child and Adolescent Health)
15. Lopes NA, Ambeskovic M, King SE, Faraji J, Soltanpour N, Falkenberg EA, Scheidl T, Patel M, Fang X, Metz GAS, Olson DM. Environmental Enrichment Promotes Transgenerational Programming of Uterine Inflammatory and Stress Markers Comparable to Gestational Chronic Variable Stress. *International Journal of Molecular Sciences*. 2023; 24(4):3734. <https://doi.org/10.3390/ijms24043734>
16. Mendoza, J., Tolba, M., Sahgraty, S., Roby, M., & Saleh, Y. (In process) Men, marriage, and divorce in Egypt Family Relations

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17. Mendoza, J. (In Press) Community involvement and public engagement in Early Childhood Education in Egypt. Bloomsbury Publishing, London, England London, England
18. Vasanthakumar Packirisamy, Sadacharan CM. Preference of eyebrow apex positions on different facial shapes in Malaysian population: An inter-ethnic study. *J Cosmet Dermatol.* 2021;20(12):3991-4000.
19. Vasanthakumar Packirisamy. Photogrammetric Analysis of Nasal Dimensions in Indian Malaysian Adults *J Craniofac Surg.* 2022 ;33(2):e168-e170.
20. K. Aljarrah, Vasanthakumar Packirisamy, N. Al Anazi, et al., Morphometric analysis of foramen magnum and occipital condyle using CT images for sex determination in a Saudi Arabian population. *Morphologie.* 2022;106(355):260-270.
21. Sadacharan CM, Vasanthakumar Packirisamy Prevalence of the Palmaris longus muscle in the Indian American population through clinical evaluation *Muscles Ligaments Tendons J.* 2022;12 (1):65-71.
22. Sadacharan CM, Vasanthakumar Packirisamy. Clinical assessment of absence of the Palmaris longus muscle in African Antiguan population. *Ethiopian Medical Journal* 2022;60(2):101-108.
23. Sadacharan CM, Alikhan SB, Vasanthakumar Packirisamy, Murlimanju BV. Carrying angle of the elbow joint in young Caucasian and Indian American population: A descriptive cross-sectional study. *J Anat Soc India.* 2022;71(1):42-46.
24. S.B. Nayaka, S.D. Shetty, Vasanthakumar Packirisamy, and S.K. Vasudeva Unusual contribution of the first jejunal vein in the formation of the portal vein. *J morphologie* 2022. 022;106(354):195-198.
25. Nayak SB, Pamidi N, Vasanthakumar Packirisamy, Vasudeva SK. Multiple renal veins clogging the hilum of the right kidney. *Anat Cell Biol.* 2022 Oct 20. doi: 10.5115/acb.22.109.

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26. V. Mavrych, O. Bolgova, **I. Shypilova**, and A. Eryomin, "Solid-State 3D Models of Lumbar Vertebral Segments," 2023 20th Learning and Technology Conference (L&T), Jeddah, Saudi Arabia, 2023, pp. 114-119, doi: 10.1109/LT58159.2023.10092316. The Impact Factor of IEEE Xplore is 3.557 URL: <https://ieeexplore.ieee.org/document/10092316>.
27. Mavrych V., Bolgova O., **Shypilova I.**, Eryomin A. Copper Content in Lumbar Vertebrae across Age Groups. *Austin J Anat.* 2023; 10(1): 1111. URL: <https://austinpublishinggroup.com/anatomy/fulltext/Anatomy-v10-id1111.php>

Abstract, conference talk

1. Mendoza, J., and Aly, N. (2023), Superwomen: The Work-Life Balance of Career Mothers in Cairo. International Family Therapy Association's 2023 World Family Therapy Congress, Malaga, Spain.
2. Mendoza, J. (2023). Interview at the International Family Therapy Association's 2023 World Family Therapy Congress Malaga, Spain., Systemic Family Therapy E-News An IFTA Publication. <https://www.youtube.com/watch?v=HnjHZ6pYO1Q>
3. Gimena Marzan, Constanza Yanez, Michelle B. Bass, Krisztina Fischer, and Rose L. Molina. 2023. Health Equity Assessments in Undergraduate Medical Education: A Scoping Review Accepted to be presented at the AMEE conference in August 2023.
4. M. Aurelio, S. Nauhria, G. Marzan, and A. Basu Exploring Students' Perceptions of Online OSCE: A Qualitative Study. Poster presented at IAMSE Conference (June 2021)
5. Basu, A. 2022. Likely impacts of the hidden curriculum in the Basic Science curriculum for medical students- analysis of an online survey Poster Presentation. 2022 IAMSE Meeting. Denver, CO.

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