

Selvaraj Muthusamy MBBS.,PhD.



Assistant Professor of Pathology
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Licenses & Certifications

Medical Licenses

Missouri, Utah, Washington and Virginia

Board Certifications

American Board of Pathology (Molecular Genetic Pathology)
American Board of Pathology (Anatomic and Clinical Pathology)

Education

Postgraduate Medical Training

Resident in Anatomic and Clinical Pathology - Saint Louis University School of Medicine
Fellow in Molecular Genetic Pathology - University of Utah/ ARUP laboratories
Fellow in Renal Pathology - University of Washington - Seattle

Medical Education

Coimbatore Medical College, Coimbatore, India

Graduate Education

Doctor of Philosophy
Department of Biology and Biochemistry
University of Houston

Professional Organizations

Association of Molecular Pathology (AMP)

Digital Pathology Association (DPA)

United States and Canadian Academy of Pathology (USCAP)

American Society for Clinical Pathology (ASCP)

Publications

Peer Reviewed Publications

Muthusamy, S., Andersson, S., Kim, H.J., Butler, R., Waage, L., Bergerheim, U. & Gustafsson, J.A. (2011), "Estrogen receptor beta and 17 beta-hydroxysteroid dehydrogenase type 6, a growth regulatory pathway that is lost in prostate cancer", Proceedings of the National Academy of Sciences of the United States of America, vol. 108, no. 50, pp. 20090-20094.

Candelaria, N.R., Weldon, R., Muthusamy, S., Nguyen-Vu, T., Addanki, S., Yoffou, P.H., Karaboga, H., Blessing, A.M., Bollu, L.R., Miranda, R.C. & Lin, C.Y. (2015), "Alcohol Regulates Genes that Are Associated with Response to Endocrine Therapy and Attenuates the Actions of Tamoxifen in Breast Cancer Cells", PloS one , vol. 10, no. 12, pp. e0145061.

Xiang, X., Wang, Y., Zhang, H., Piao, J., Muthusamy, S., Wang, L., Kang, N. (2018). Vasodilator-stimulated phosphoprotein promotes liver metastasis of gastrointestinal cancer by activating a β 1-integrin-FAK-YAP1/TAZ signaling pathway. NPJ Precision Oncology , 2(1), 2.