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Area of Expertise

Dr. Rosales is the Course Director of the Musculoskeletal System/Skin 1 Course. He has 31 years of experience teaching gross anatomy to medical, nursing, physical therapy, physician assistant, and graduate students.

His research interest are directed toward the development of multimedia teaching tools for use in the anatomical sciences through carefully supervised quality cadaver prosections for digital image processing. Other research interests include participation in workshops for area science teachers and high school students which are designed to elevate their interest in science and medicine.

Qualifications

BS, University of Santo Tomas

MD, University of Santo Tomas

Publications

Bilateral symmetrical supernumerary heads of biceps brachii with rare pectoralis major insertion

Fraser, P. R., Howard, L. W., Rosales, A. A. & Guttman, G. D., 1 Jan 2015, In: *Surgical and Radiologic Anatomy*. 37, 3, p. 299-302 4 p.

Rare accessory slip of the deltoid muscle conjoined with teres minor

Fraser, P. R., Thomas, J., Guttman, G. D. & Rosales, A. A., Jul 2014, In: *European Journal of Anatomy*. 18, 3, p. 195-197 3 p.

3D-model of adult cardiac stem cells promotes cardiac differentiation and resistance to oxidative stress

Bartosh, T. J., Wang, Z., Rosales, A. A., Dan Dimitrijević, S. & Roque, R. S., 1 Oct 2008, In: *Journal of Cellular Biochemistry*. 105, 2, p. 612-623 12 p.

Retina-derived microglial cells induce photoreceptor cell death in vitro

Roque, R. S., Rosales, A. A. A., Jingjing, L., Agarwal, N. & Al-Ubaidi, M. R., 31 Jul 1999, In: *Brain Research*. 836, 1-2, p. 110-119 10 p.

Müller cells promote photoreceptor cell survival in dystrophic retinas and in retinal explants

Rosales, A. A. A., Sheedlo, H. J., Turner, J. E. & Roque, R. S., 1 Dec 1997, In: *Investigative Ophthalmology and Visual Science*. 38, 4

Microglia-derived cytotoxic factors. Part I: Inhibition of tumor cell growth in vitro

Rosales, A. A. & Roque, R. S., 14 Feb 1997, In: *Brain Research*. 748, 1-2, p. 195-204 10 p.

Microglial cells induce degeneration of photoreceptor cells from transgenic mice

Rosales, A. A. A., Al-Ubaidi, M. R. & Roque, R. S., 15 Feb 1996, In: *Investigative Ophthalmology and Visual Science*. 37, 3