



## Jody Lee Martin, Ph.D.

<b>Research/Academic Interests</b>	Dr. Martin's primary focus is developing, constructing and providing quality molecular tools for investigators in a timely and collaborative manner. Secondly he has a long-standing interest in molecular chaperones in the cardiac setting, particularly the small heat shock proteins. Additional key interests are myofilament proteins and calcium handling proteins in cardiomyopathy, stroke rehabilitation and gene therapy.
<b>Title</b>	Associate Adjunct Professor, Department of Pharmacology
<b>Specialty</b>	Cardiovascular Research, Gene Modification
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<b>Division</b>	Pharmacology
<b>Center/Program Affiliation</b>	<a href="#">Cardiovascular Services</a>
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<b>Education</b>	Ph.D., Cardiac Ischemia, UC San Diego, San Diego CA 1997 B.A., Point Loma College, San Diego CA 1983
<b>Professional Memberships</b>	Biophysical Society Cell Stress Society International International Society for Heart Research
<b>Select Recent Publications</b>	To see a full publication list for Dr. Martin, please click <a href="#">here</a> .

Lertwanakarn T, Suntravat M, Sanchez EE, Boonhoh W, Solaro RJ, Wolska BM, Martin JL, de Tombe PP, Tachampa K. Suppression of cardiomyocyte functions by -CTX isolated from the Thai king cobra (*Ophiophagus hannah*) venom via an alternative method. *J Venom Anim Toxins Incl Trop Dis.* 2020;26:e20200005. doi:10.1590/1678-9199-JVATITD-2020-0005. eCollection 2020. PubMed PMID:32742278.



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Bovo E, Nikolaienko R, Bhayani S, Kahn D, Cao Q, Martin JL, Kuo IY, Robia SL, Zima AV. Novel approach for quantification of endoplasmic reticulum Ca<sup>2+</sup> transport. *Am J Physiol Heart Circ Physiol*. 2019 Jun 1;316(6):H1323-H1331. doi:10.1152/ajpheart.00031.2019. Epub 2019 Mar 22. PMID:30901276.

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Kumar M, Govindan S, Zhang M, Khairallah RJ, Martin JL, Sadayappan S, de Tombe PP. Cardiac Myosin-binding Protein C and Troponin-I Phosphorylation Independently Modulate Myofilament Length-dependent Activation. *J Biol Chem*. 2015 Dec 4;290(49):29241-9. doi:10.1074/jbc.M115.686790. Epub 2015 Oct 9. PubMed PMID:26453301.

Zhang M, Martin JL, Kumar M, Khairallah RJ, de Tombe PP. Rapid large-scale purification of myofilament proteins using a cleavable His6-tag. *Am J Physiol Heart Circ Physiol*. 2015 Nov;309(9):H1509-15. doi:10.1152/ajpheart.00598.2015. Epub 2015 Sep 18. PubMed PMID:26386113.

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