

BICCHR CONFERENCE CHAIR PROFILE

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Academic Background

Graduation Year	Program	University	Field of Study
2003	Bachelor	Faculty of Medicine UNPAD	Medicine
2005	Master	Faculty of Medicine UNPAD	Exercise Physiology
2006	MD	Faculty of Medicine UNPAD	Medical Doctor Internship
2006	AIFO	Kolegium Ilmu Faal (IAIFI)	Ahli Ilmu Faal Olahraga (AIFO)
2013	PhD	Gunma University	Endocrinology and Exercise physiology

Scientific Publication (Selected)

Kenji Ohba, Melvin Khee-Shing Leow, Brijesh Kumar Singh, Rohit Anthony Sinha, **Ronny Lesmana**, Xiao-Hui Liao, Sujoy Ghosh, Samuel Refetoff, Judy Chia Ghee Sng, Paul Michael Yen, Hepatic transcriptional and epigenetic regulation during thyrotoxicosis and recovery (Endocrinology. 2016 Feb 11;en20151848. [Epub ahead of print]).

Ronny Lesmana, Rohit A. Sinha, Brijesh K. Singh, Jin Zhou, Kenji Ohba, Yajun Wu, Benjamin L. Farah, Winifred WY. Yau, Boon-Huat Bay, Paul M. Yen. Thyroid hormone stimulation of autophagy in skeletal muscle is essential for mitochondrial biogenesis and activity. (Endocrinology. 2016 Jan;157(1):23-38. doi: 10.1210/en.2015-1632. Epub 2015 Nov 12).

Rohit A. Sinha, Brijesh K. Singh, Jin Zhou, Yajun Wu, Benjamin L. Farah, Kenji Ohba, **Ronny Lesmana**, Jessica Gooding, Boon-Huat Bay, Paul M. Yen. Thyroid hormone induction of mitochondrial activity is coupled to mitophagy via ROS-AMPK-ULK1 signaling. Autophagy 2015; 11(8): 1341-57. Doi: 10.1080/15548627.2015.1061849.

Yu Lu, Iwasaki T, Xu M, **Ronny Lesmana**, Xiong Y, Shimokawa N, Chin WW, Koibuchi N. Aberrant cerebellar development of transgenic mice expressing dominant-negative thyroid hormone receptor in cerebellar Purkinje cells. Endocrinology. 2015 Jan 20;en20141079.

Ichinose T, **Ronny Lesmana**, Yamamoto A, Kobayashi T, Shitara H, Shimoyama D, Takatsuru Y, Iwasaki T, Shimokawa N, Takagishi K, Koibuchi N. Possible involvement of IGF-1 signaling on compensatory growth of the infraspinatus muscle induced by the supraspinatus tendon detachment of rat shoulder. *Physiol Rep*. 2014 Jan 13;2(1):e00197. doi: 10.1002/phy2.197.

Hirooka-Masui K **, **Ronny Lesmana** **, Iwasaki T, Xu M, Hayasaka K, Haraguchi M, Takeshita A, Shimokawa N, Yamamoto K, Koibuchi N. Interaction of silencing mediator for retinoid and thyroid receptors with steroid and xenobiotic receptor on multidrug resistance 1 promoter. *Life Sci*. 2013 Apr 3. doi:pil: S0024-3205(13)00175-6.10.1016/j.lfs.2013.03.007. (**, equal contribution)

Ronny Lesmana, Noriaki Shimokawa, Toshiharu Iwasaki, Yusuke Takatsuru, Noriyuki Koibuchi. Lactational exposure to hydroxylated polychlorinated biphenyl (OH-PCB 106) causes hyperactivity in male rat pups by aberrant increase in dopamine and its receptor. *Environmental Toxicology*, 2012 Wiley Online Library (wileyonlinelibrary.com).DOI 10.1002/tox.21815

Motoharu Itoh, Noriaki Shimokawa, Yuki Tajika, Tohru Murakami, Nobutaka Aotsuka, **Ronny Lesmana**, Reni Farenia, Toshiharu Iwasaki, Junichi Okada, Hiroshi Yorifuji, Noriyuki Koibuchi. Alterations of biochemical marker levels and myonuclear numbers in rat skeletal muscle after ischemia–reperfusion. *Mol Cell Biochem*. 2012 Springer Link. DOI 10.1007/s11010-012-1470-0