Name: Jasmin Kristianto

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Major Professor: Robert Blank

Degree Objective: Ph.D. Endocrinology and Reproductive Physiology

Background: BS Biochemistry San Francisco State University, San Francisco, CA MS Chemistry San Francisco State University, San Francisco, CA

Current Research Project:

My work focuses on the pleiotropy effect on bone and vascular phenotype, including placenta vascular development in recombinant congenic mice, HcB 8 and HcB 23. Both strains of mice have different bone phenotype based on structure and its responses to mechanical loading. In addition, both also have different litter sizes and weight suggesting distinct vascular phenotype. The gene of interest is ece1 which encodes for Endothelin Converting Enzyme 1 (ECE1) that is found in both bone and blood vessels. We suspect this gene may be responsible in regulating responses to mechanical loading.

Honors:

NIH R25 Scholar; National Institute of General Medical Sciences, IMSD Institutional Research Education Grant, “Training & Education to Advance Minorities in Science” (TEAM-Science) NIH R25 GM083252; 2010.

Grants Received:

NIH R25 Scholar; National Institute of General Medical Sciences, IMSD Institutional Research Education Grant, “Training & Education to Advance Minorities in Science” (TEAM-Science) NIH R25 GM083252; 2010.

Publications:

National Presentations:

Other Presentations:

ERP Service: