Faculty V-Y

V

Ron Vale, PhD [1] studies how cells move organelles, proteins, chromosomes and mRNAs within their cytoplasm.

Karin Vargervik, DDS [2] is the director of the UCSF Center for Craniofacial Anomalies and has a special interest in the etiology and development, as well as therapeutic modalities, of cleft palate and lip.


Saul Villeda, PhD [4] studies how molecular immune-related changes in old blood impair stem cell function and cognitive processes in the brain during aging, and conversely how young blood can reverse these impairments.

Thiennu Vu, MD, PhD [5] is interested in the role of the vasculature during organogenesis.

W

Wong Wang, PhD [6] studies cell signaling in mammalian angiogenesis and arterial venous differentiation in embryos, ischemia, stroke and cancer.

Valerie Weaver, PhD [7] focuses on several areas of human embryonic stem cell (hESC) development and architecture.

William Weiss, MD, PhD [8] is interested in developing and characterizing mouse models that faithfully recapitulate the biology and genetics of human tumors of the nervous system.

Zena Werb, PhD [9] studies the role of proteases in the interaction of tissues with the extracellular matrix, thereby focusing on bone formation, fat development, epithelial-mesenchymal interactions in mammary gland development, and cancer progression.

Holger Willenbring, MD [10] is exploring the way liver cells differentiate and regenerate, with the goal to correct liver diseases with cells derived from stem cells or from reprogramming of hematopoietic cells.

Y
Keith Yamamoto, PhD [11] is interested in mechanisms by which gene transcription is regulated in different cell types and physiological (or pathological) settings. He studies the activity of the intracellular receptors (IRs), including receptors for glucocorticoids (GR), androgens (AR) and thyroid hormone (TR) in signal transduction and transcriptional control.

Shinya Yamanaka, PhD [12] studies stem-cell pluripotency.

Yerem Yeghiazarians, MD [13] an adult interventional cardiologist, studies embryonic and adult stem cells introduced into rodent and swine hearts after injury and is involved in numerous clinical trials using interventional catheter approaches.

Ann Zovein, MD [14] Diversification of vascular lineages

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