

Short Bio Sketch

Aaron Hsueh is an ovarian physiologist and has published in the field for decades with >350 refereed papers. His lab has investigated the hormonal regulation of granulosa cell functions, leading to the establishment of a sensitive in vitro FSH bioassay and the design of a long-acting FSH analog (ELONVA) now in clinical use. His lab also contributed to the understanding of ovarian follicle growth and atresia, intraovarian mechanisms of oocyte maturation, and autocrine/paracrine regulation of early embryonic development. The Hsueh lab established and maintained the Ovarian Kaleidoscope Database (OKdb, <http://ovary.stanford.edu>) over the last decade as an online resource for ovarian researchers to search for ovarian literature and DNA microarray data. Recently, his lab established an in vitro activation (IVA) method to activate ovarian preantral follicles for the derivation of mature oocytes in patients.