Postdoctoral Position in Teleost Sperm Physiology

A postdoctoral position is available starting this fall (October 2021) to investigate the signaling pathways mediating progestin hormone induction of hypermotility in flounder sperm and enhanced male fertility through membrane progestin receptor alpha (mPRα) via a nongenomic mechanism. This postdoctoral research appointment will be for up to 2 years and is funded by a grant from the US Department of Agriculture National Institute of Food and Agriculture. The research will be conducted at the University of Texas Marine Science Institute at Port Aransas, Texas. This postdoctoral position will provide an opportunity to conduct cutting-edge research on one of the most comprehensive vertebrate models of hormonal upregulation of sperm motility and fertilization capability. The results of this research are expected to provide the background for developing novel practical *in vitro* procedures to enhance sperm motility and fertility in male broodstock. Applications are sought from interested physiologists/reproductive biologists who have completed a Ph.D. and have demonstrated a strong record of research productivity. Recent Ph.Ds. with a knowledge of intracellular signaling and/or sperm physiology are especially encouraged to apply.

Send enquiries to:

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