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Area Of Research: Molecular Endocrinology and Reproductive Biology

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Publications

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Projects

Title	Year	Duration	Amount(In Lakhs)	PI/I
Unravelling the role of fibroblast growth factors and signaling during gametogenesis in teleosts	2018	3	190000000000	Prof. B Senthilkumaran
Molecular characterization of genes/factors promoting testis growth and sperm maturation using teleosts fish models	2018	3	778900000000	Prof. B Senthilkumaran
Sex manipulation in common carp and its hybrid using index major carp, rohu: genetic and molecular endocrinological approaches	2015	3	557200000000	Prof. B Senthilkumaran
Evaluating nanotoxicity using food fish models of India	2014	5	445900000000	Prof. B Senthilkumaran
Identification of transcription factors that play dual role to synchronize mesonephric and gonadal (urogenital) development in catfish	2012	3	460300000000	Prof. B Senthilkumaran
Ontogeny of monoaminergic system in the male and female brain of catfish and its input to gonadal development	2010	3	190000000000	Prof. B Senthilkumaran
Identification of candidate genes/ susceptible to endocrine disruptors that affect reproduction: Functional genomics and proteomic approach	2008	3	374800000000	Prof. B Senthilkumaran
Localization of GnRHs in brain during gametogenesis, and impacts of monoamines blockers and sex steroids on GnRH release using Indian habitat fish species	2004	3	666000000000	Prof. B Senthilkumaran
Molecular mechanisms of gonadal differentiation in fish tracing candidate marker genes to monitor germ cell proliferation and gametogenesis	2004	3	246730000000	Prof. B Senthilkumaran
Molecular mechanisms of Estrogen induced brain and gonadal differentiation in Indian habitat fish species	2004	3	900000000000	Prof. B Senthilkumaran
Meiotic maturation of fish oocytes require steroidogenic shift: Interaction of hormone synthesizing enzyme and their transcriptional factors	2003	3	212900000000	Prof. B Senthilkumaran