

Dr. SIJI ANIL (PhD, MS)
El Centro College, 801 Main St., Dallas, TX 75202
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Education

University of Bedfordshire (UK)

Ph.D. (Cell and Molecular biology)

Dissertation: "Development of in vitro culture and cryopreservation protocols for zebrafish ovarian tissue fragments."

University of Abertay Dundee (UK)

M.S (Biotechnology)

Thesis: "Regulation of FOXOs transcription factors by post-translational modification in Human Embryonic Kidney cells"

Bangalore University (India)

B.S (Biotechnology, Genetics and Biochemistry)

Thesis: Study on gene and genotype frequency of alleles that control the autosomal sex linked mendelian traits among a known population

Teaching Experience

El Centro college- Dallas, TX January 2018- present

Adjunct Faculty- BIOL 1406

Harmony Public school- Dallas, TX (March 2017- October 2017)

Teacher

National center of Biological science, India (August 2016- August 2017)

Research Program Manager

University of Bedfordshire, UK. (April 2009- August 2013)

Instructor –MS courses

Publications and Papers

1. **Anil S**, Ghafari F, Zampolla T, Zhang T (2011). Studies on cryoprotectant toxicity to zebrafish (Daniorerio) ovarian tissue fragments. *Cryoletters* 32(1), 40-50
2. Cameron A, **Anil S**, Sutherland E, Harthill J and Rena G (2010). Zinc-dependent effects of small molecules on the insulin-sensitive transcription factor FOXO1a and gluconeogenic genes. *Metallomics*, 2, 195-203.
3. **Anil S**, Zampolla T, Rawson DM, Zhang T (2017). Development of in-vitro culture protocol for zebrafish ovarian tissue fragments and their growth assessment using biomarkers. *Theriogenology*