

## Contact

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## Top Skills

Microbiology

Mutagenesis

Ecotoxicology

## Languages

Malayalam (Limited Working)

English (Full Professional)

Hindi (Full Professional)

# Aishwarya Krishnan

Student at Coder Academy

Ormond, Victoria, Australia

## Experience

Kids in The Sky Pty Ltd

Early Childhood Educator - Casual

September 2016 - September 2017 (1 year 1 month)

Sydney, Australia

Eurofins Advinus

Associate Research Scientist

January 2014 - December 2014 (1 year)

Invitro Mutagenicity and Ecotoxicology

### IN-VITRO MUTAGENICITY STUDIES:

- Bacterial Reverse Mutation test (AMES test)
- Chromosomal aberration in Chinese Hamster Ovary (CHO) and Human Peripheral Blood Lymphocytes(HPBL)
- Micronucleus test

### ECOTOXICOLOGY STUDIES:

- Alga
- Fish
- Daphnia
- Earthworm
- Honeybee – Oral and Contact

### OTHER RESPONSIBILITIES:

- Microbiological monitoring (Health and environmental monitoring) of laboratory animals and animal house environment.
- Maintenance of test systems – Fish, Daphnia, Alga, Earthworm, Honeybee, Bacterial tester strains and mammalian cells.
- Evaluation of slides of Chromosome aberration tests.
- Preparation and quality check of S-9 homogenate.
- Assisting in the conduct of study, data collection, compilation and verification.
- Assisting in the preparation and verification of reports.
- Preparation of raw data and report for archiving.
- Maintenance and update of log books and records.
- Preparation of media, reagents, stains etc.

## Advinus Therapeutics- A TATA Enterprise

2 years 5 months

### Associate Research Scientist

January 2012 - December 2013 (2 years)

#### Histotechniques

- Necropsy (Rat/mice), tissue collection, generation of gross pathology raw data.
- Slide preparation- Trimming, Blocking, Sectioning and Staining of histological sections
- Quality control of tissue slides
- Archiving of HP specimens and raw data
- Study plan compliance
- Quality control and GLP compliance of data
- Reagent preparation
- Maintenance of registers, files and logbooks

### Trainee

August 2011 - December 2011 (5 months)

#### Histotechniques

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## Education

### Coder Academy

Studying for Diploma in IT · (2019)

### TAFE NSW

Certificate III, Early Childhood Education and Teaching · (2016 - 2016)

### VIT University

Master's Degree, Microbiology, General · (2009 - 2011)

### Bhavans College

Bachelor's Degree, Microbiology, General · (2007 - 2009)