IPD Project Details

Project ID: IPD8895

Project Title: Analysis of Conus venom peptides

Description: Mass Spectrometric Characterisation of Pyroglutamyl Conotoxins.

Principal Investigator: Prof. P. Balaram

PI Affiliation: Indian Institute of Science, Bangalore 560012, Karnataka, India

Sample Preparation: Global reduction of disulfide bonds and alkylation of free thiol groups was carried out usingtris(2-carboxyethyl)-phosphine (TCEP)/ N-ethyl maleimide(NEM).

Peptide Separation: Global reduction of disulfide bonds and alkylation of free thiol groups was carried out usingtris(2-carboxyethyl)-phosphine (TCEP)/ N-ethyl maleimide(NEM).

Protein Characterization: Transcriptome assembly was performed using Trinity and Mass spectrometry data analysed using Bruker Data analysis 4.1

Experiment Type: Top-down

Species: Data in species_details No Data

Tissue: Data in tissue_details No Data

Cell Type: Data in cell_details No Data

Disease: Unknown No Data

Instrument Details: Data in instrument_details Data in instrument_details

Protein Modifications: N-ethylmaleimide derivatized cysteine

PubMed ID: 29947227