

IPD Project Details

Project ID: IPD7154

Project Title: Analysis of Conus monile venom duct

Description: Mass Spectrometric Characterisation of Linear Conotoxins.

Principal Investigator: Dr. P. Balaram

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

Peptide Separation: Global reduction of disulfide bonds and alkylation of free thiol groups was carried out using tris(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: amidated residue

PubMed ID: [38009400](#)