

## 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](#)