IPD Project Details

Project ID: IPD2840

Project Title: Analysis of venom peptide from Conus betulinus

Description: Characterization of venom peptides from Conus betulinus using mass spectrometry

Principal Investigator: Prof. P. Balaram

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

Sample Preparation: Crude venom samples were extracted from venom glands of C.betulinus using 50% acetonitril solvent. The resultant sample was subjected to LC/MS analysis.

Peptide Separation: Crude venom samples were extracted from venom glands of C.betulinus using 50% acetonitril solvent. The resultant sample was subjected to LC/MS analysis.

Protein Characterization: Mass spectrometric data were collected and analysed with XCalibur software and transcriptome derived dataset.

Experiment Type: Shotgun proteomics

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: 2-hydroxyproline

PubMed ID: [38009400](#)