IPD Project Details

Project ID: IPD1454

Project Title: Comparative evaluation of the aqueous humor proteome of primary angle closure and primary open angle glaucomas and senile cataract eyes

Description: Comparative evaluation of the aqueous humor proteome of primary angle closure and primary open angle glaucomas and senile cataract eyes.

Principal Investigator: Dr. Inderjeet Kaur

PI Affiliation: Central University Of Haryana

Sample Preparation: Aqueous humor (AH) was collected from age-matched PACG, POAG and cataract patients who underwent surgery, and it was immediately stored at ? 80 °C until analysis.

Peptide Separation: AH from patients having glaucaoma and cataract was digested with trypsin.

Protein Characterization: The spectra were acquired using ORBITRAP and analysed using PD1.4

Experiment Type: Shotgun proteomics

Species: Homo sapiens

Tissue: Anterior chamber of the eye (bto:0002084)

Cell Type: Anterior chamber of the eye

Disease: Unknown

Instrument Details: LTQ Orbitrap Velos (MS:1001742)

Protein Modifications: monohydroxylated residue, deamidated residue, iodoacetamide derivatized residue

PubMed ID: 29332228