

**COURAGE-PD****Comprehensive Unbiased Risk Factor Assessment for Genetics and Environment in Parkinson's Disease**

Dr. Sharma will provide COURAGE-PD project update. COURAGE-PD project was aimed to understand the missing heritability by applying a comprehensive approach based on (i) a unique collection of families with autosomal dominant and autosomal recessive PD and (ii) large cohorts of clinically well-defined sporadic PD patients from different populations worldwide for (iii) genetic studies and (iv) assessment of environmental modifiers that will translate into (v) functional validation studies in patient-derived cellular models.

COURAGE-PD project for the first time by integrating a comprehensive clinical-genetic cohort from the Genetic-Epidemiology of Parkinson disease, developed a unique resource to define and identify risk factors for PD. To further outreach to the scientific community, we created a cloud-based portal to disseminate data and results generated from our study. Dr. Sharma will present a project update in JPND/JPco-fuND symposium.