

## Indo-Swiss Joint Research Programme (ISJRP): Funded Projects 2021

Main applicant Switzerland	Swiss research institution	Main applicant India	Indian research institution	Project title	Duration
Soldati-Favre, Dominique	University of Geneva	Singh Shailja	Jawaharlal Nehru University	A comprehensive characterization of key organellar metabolic transporters in Apicomplexa to enter in the drug discovery pipeline	36
Pieters, Jean	University of Basel	Dalavaikodihalli Nanjaiah Nandakumar	National Institute of Mental Health and Neuro Sciences	Analysis of the role of the coronin 1 signalling pathway in glioblastoma through a systems medicine approach	48
Giraud, Marie-Noëlle	University of Fribourg	Barthwal Manoj	Central Drug Research Institute	Apelin-ACE2 axis fate in hypertension and macrophage syndrome as complications in COVID-19: focus on gender, age and comorbidities.	48
Daubenger, Claudia	University of Basel	Babu Subash	National Institute of Research in Tuberculosis	BCG-induced Antibody and cTfh responses in diabetes mellitus co-morbidity and mycobacteria pre-exposure	47
Curt, Armin	University of Zurich	Chhabra Harvinder Singh	Indian Spinal Injuries Centre	Combined neurological and functional assessments for the prediction and appreciation of individualized recovery profiles: an international study benchmarking clinical outcomes in acute spinal cord injury	48
Schneider, Roger	University of Fribourg	Choudhary Vineet	All India Institute of Medical Sciences	Deciphering the functions of the conserved fat storage-inducing transmembrane (FITM2) protein in lipodystrophy and insulin resistance through systems approaches	48
Stoop, Ronaldus	University of Lausanne	Chattarji Sumantra	National Center for Biological Sciences	Interactions between endocannabinoid and oxytocin signaling in a Nlgn3 transgenic rat model for autism	48
Hottiger, Michael O.	University of Zurich	Sundaresan Nagalingam Ravi	Indian Institute of Science	Investigating the molecular mechanisms of the ADP-ribosyltransferase PARP6 in manifestation and progression of heart failure	48

## Indo-Swiss Joint Research Programme (ISJRP): Funded Projects 2021

Main applicant Switzerland	Swiss research institution	Main applicant India	Indian research institution	Project title	Duration
Uppugunduri, Satayanarayana Chakradhara Rao	University of Geneva	Dubashi Biswajit	Jawaharlal Institute of Postgraduate Medical Education and Research	Molecular and Pharmacogenetic marker evaluation in relation to the toxicity and clinical response of acute lymphoblastic leukemia treatment in Indian children (MPGx-INDALL).	48
Ciriello, Giovanni	University of Lausanne	Sengupta Debarka	Indraprastha Institute of Information Technology	Recurrence-independent inference of rare and non-coding functional mutations in cancer	48
Muka, Taulant	University of Berne	Sailesh Mohan	Public Health Foundation of India	Sex and menopausal differences in iron status/biomarkers as potential causative factor contributing to sex differences in cardiometabolic disease (IRONNES)	48
Grzesiek, Stephan	University of Basel	Shukla Arun	Indian Institute of Technology Kanpur	Structure, dynamics and function of CCR5-arrestin interactions	36
Ishikawa, Takashi	Paul Scherrer Institut	D'Souza Jacinta	University of Mumbai	Systematic cryo-EM and proteomic analysis of protein complexes related to primary ciliary dyskinesia	48
Zavolan, Mihaela	University of Basel	Das Saumitra	Indian Institute of Science	System-level characterization of RNA-binding proteins that mediate the pathogenicity of human RNA viruses	48
Guenova, Emmanuella	University of Lausanne	De Dipankar	Postgraduate Institute of Medical Education and Research	Systems medicine approach to tackle the problems of early diagnosing and prognostic stratification of mycosis fungoides	48