Bilateral Collaborative Research Call for proposals 2024

Inserm – ICMR

Theme : "Vascular complications of Diabetes"

Expression of Interest Form

Title of Project
To study, understand and discover the predictive or prognostic biomarker of early and late onset of diabetic retinopathy in a clinical setting; and through the development of appropriate animal/non animal models.

PRINCIPAL INVESTIGATOR - INSERM		
Last name and first name	**Inserm Unit**	**Email address**

PRINCIPAL INVESTIGATOR - INDIA		
Last name and first name	**Institution**	**Email address**
Dhasmana Renu	Himalayan Institute of Medical Sciences, Swami Rama Himalayan University	hod.ophthal@srhu.edu.in

CO-INVESTIGATORS- INSERM			
Last name and first name	**Inserm Unit**	**Title**	**Email address**

CO-INVESTIGATORS FROM INDIA			
Last name and first name	**Institution**	**Title**	**Email address**
Kaushik Reshma	Himalayan Institute of Medical Sciences, Swami Rama Himalayan University	Professor	reshmakaushik@srhu.edu.in
Yadav Nikku	Himalayan Institute of Medical Sciences, Swami Rama Himalayan University	Assistant Professor Clinical Research	nikkuyadav@srhu.edu.in
Dey Bindu	Swami Rama Himalayan University	Director Research, As Technical Consultant	bindudey@gmail.com
Deorari Ashok	Himalayan Institute of Medical Sciences, Swami Rama Himalayan University	Principal, as Advisor	principal.hims@srhu.edu.in

1. BACKGROUND AND RESEARCH QUESTION

Background: Diabetic retinopathy (DR) remains a significant cause of vision impairment and blindness worldwide, particularly among individuals with diabetes mellitus. While the progression of DR is well-documented, the ability to predict its onset and progression remains a critical challenge in clinical management. Early detection and intervention are essential to prevent irreversible vision loss. This project aims to explore and identify predictive or prognostic biomarkers associated with both early and late onset of diabetic retinopathy, leveraging insights from clinical observations and the development of appropriate animal and non-animal models.

Swami Rama Himalayan University
Director Research