

University of Birmingham, Department of Applied Health Sciences

Mentor: Assoc. Prof. Punith Kempegowda

Our group focuses on Applied Health and evidence-based implementation in endocrinology. Key initiatives include SIMBA (Simulation via Instant Messaging for Bedside Application) and CoMICs (Concise Medical Information Cines) — both of which have developed into internationally recognised educational models. SIMBA uses real-time, text-based simulation to enhance clinical reasoning and decision-making among healthcare professionals, while CoMICs employs visual storytelling to bridge health literacy and language barriers for patients and the public. These programmes have informed the development of several implementation platforms such as DEKODE (Digital Evaluation of Ketosis and Other Diabetes-related Emergencies), RESCUE (Rapid Evaluation and Surveillance of Critical Urgencies in Endocrinology), and PCOS SEva (Polycystic Ovary Syndrome Service Evaluation). Together, they form a unique learning ecosystem that integrates education, research, and practice improvement.

The visiting awardees will have the opportunity to observe how we design, deliver, and evaluate interventions, interact with multidisciplinary teams, and contribute to ongoing discussions around educational innovation and global health communication.

For coordination and logistical arrangements, the ECI representative assisting with the stay of the incoming awardees will be: Dr Aspasia Manta.