



Sri Devaraj Urs Academy of Higher Education and Research

(A Deemed to be University)

**Sri Devaraj Urs Medical College
Tamaka, Kolar-563103**

**We cordially invite you all to the
National Webinar**

**“Inborn Errors of Metabolism
in the -OMICS era”**

On

11.12.2023

02.00 PM to 04.00 PM

Venue: Demonstration Hall 1

Organized by

Dept. of Biochemistry



Inborn errors of metabolism (IEM), is a group of rare disorders caused by an inherited deficiency or absence of proteins that have enzymatic, carrier, receptor, or structural roles, presenting with neurologic signs in newborns

Some disorders arise as a result of mutations to catabolic pathways involving lysosomal storage and macromolecule degradation. Alterations in the storage and utilization of glycogen can lead to hepatic and myopathic manifestations

Diseases associated have a significant impact on growth, development and long-term health of affected children.

Prevalence of IEMs differs between countries, likely because of different IEM classifications and IEM screening methods.

Newborn screening programs, aids in early recognition and intervention to avoid disastrous consequences associated with these diseases.

This webinar facilitate the participants the omics in quantification of biomolecules and molecular processes that contribute to the form and function of cells and tissues.



Dr. Kannan Vaidyanathan

Professor & Head

**Department of Biochemistry
Believers Church Medical
College Hospital, Tiruvalla Kerala,
India**

Registration Link

<https://forms.gle/EBQNuyAco1n2R5EM7>

Participation Link

Zoom Meeting

<https://zoom.us/j/92348979410?pwd=K1JQbnJld3QxOEowbk1ZTWtNRnA1dz09>

Meeting ID: 923 4897 9410

Passcode: 401802

Feedback Link

<https://forms.gle/iuirmm8YFf8JFhk46>
E-Certificate will be provided for registered participants after submission of feedback

PROGRAMME SCHEDULE

Welcome Speech

Dr. Prabhavathi K

Professor & Head
Department of Biochemistry
SDUMC, Kolar

**“Inborn Errors of Metabolism in the -
OMICS era”**

Dr. Kannan Vaidyanathan

Professor & Head
Department of Biochemistry
Believers Church Medical
College Hospital, Tiruvalla Kerala,
India

Vote of Thanks

Dr. Munilakshmi U

Assistant Professor
Dept. of Biochemistry
SDUMC, Kolar



Seeking Blessings of

Late Shree. R. L. JALAPPA
Founder Chairman, SDUET

Chief Patron

Sri. G.H. NAGARAJA

HON'BLE CHANCELLOR, SDUAHER &
CHAIRMAN, SDUET

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PRINCIPAL, SDUMC

DR. J KRISHNAPPA J

MEDICAL SUPERINTENDENT, RLJH & RC

DR.VINUTHA SHANKAR M S

Vice-Principal, SDUMC

DR. DINESH K

DEPUTY MEDICAL SUPERINTENDENT, RLJH & RC

DR.HARI PRASAD S

DEPUTY MEDICAL SUPERINTENDENT, RLJH & RC

Organizing Chairperson

Dr. Prabhavathi K

Dept. of Biochemistry, SDUMC,
SDUAHER

Organizing Secretary

Dr. Munilakshmi U

Organizing Committee Members

Dr. Shashidhar KN

Professor of Biochemistry

Dr. Susanna TY

Professor of Biochemistry

Dr. Soumya N

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Senior Resident of Biochemistry

Miss. Sharon Rose

Tutor of Biochemistry

Dr. Satydeo Kumar Singh

PG cum Tutor of Biochemistry

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Tutor of Biochemistry

Dr. Pragathi U

Tutor of Biochemistry

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Tutor of Biochemistry

Dr. Sanjaynath T

Tutor of Biochemistry

Dr.Sandipan Ghosh

Tutor of Biochemistry

Mr. GH Meghanath

Research Assistant of Biochemistry

Mr. Ramagiri Sateesh

PhD Scholar of Biochemistry