

**An invitation
to
The FAOBMB-IUBMB-CBSL Virtual Education Symposium 2021
“The ‘New Normal’ Biochemistry and Molecular Biology (BMB) Education”
30th July 2021**

Due to the current challenging times of uncertainty and postponement of learning activities, this event will provide the participants with a great opportunity to explore more creative, innovative, and interactive ways of teaching in the ‘new normal’.

Among the highlights of the event are the keynote speech, invited plenary lectures and breakout group discussions on innovative and creative techniques in ‘new normal’ BMB education, leading to the identification of gaps and challenges and the way forward.

This event will provide valuable learning and networking opportunities to all delegates.

PLEASE JOIN THE SYMPOSIUM WITH YOUR COLLEAGUES AND STUDENTS!!!

**IUBMB-FAOBMB-CBSL
VIRTUAL EDUCATION
SYMPOSIUM 2021**

**“The ‘New Normal’
Biochemistry and Molecular
Biology (BMB) Education”**

**FREE
REGISTRATION**

<https://cbsl.asiatours.lk/>

SAVE THE DATE

**30
JULY
2021**

www.collegeofbiochemists.lk

**Innovative and creative
techniques in BMB education
in the ‘New Normal’**

Identifying gaps and challenges

- Large classes
- Teaching labs
- Assessments
- Student perception


The way forward

PROGRAMME AT A GLANCE


0700 – 0735	OPENING CEREMONY			
0735 – 0815	Keynote Speech		PROFESSOR DANIEL R. DRIES Juniata College, Pennsylvania, USA	
	SESSION 1 PLENARIES Innovative and creative techniques in teaching and learning BMB in the ‘New Normal’ Chairperson: Prof. Sheila Nathan Secretary General, FAOBMB			
0815 – 0845	<i>Teaching laboratory activities in transformation: adaptations during and after COVID-19</i>		PROFESSOR GABRIEL HORNINK Federal University of Alfenas, Brazil	
0845 – 0915	<i>The 10 best practices for taking experiential learning online</i>		PROFESSOR GLENDA GILLASPY Virginia Tech, USA	
0915 – 0945	<i>Python and Jupyter Notebooks in BMB Teaching and Research</i>		PROFESSOR PAUL CRAIG Rochester Institute of Technology, USA	
0945 – 1015	<i>Innovative and creative techniques in BMB education in the new normal</i>		PROFESSOR ELIZABETH JOHNSON Deakin University, Australia	
1015 – 1045	<i>Making online learning more fun and more effective through peer instruction</i>		PROFESSOR THILO HAGEN National University of Singapore, Singapore	
1045 – 1100	HEALTH BREAK			
1100 – 1230	SESSION 2 PARALLEL SESSIONS (Breakout rooms) “Identification of gaps and challenges in ‘new normal’ BMB education”			
	Introduction to Session 2			
	Large Classes	Teaching Labs	Assessments	Student perception
	Mini Introductory Talk Prof. Ban Hon Kim Kenneth, Singapore Facilitators: Contributors:	Mini Introductory Talk Dr. Amaal Abrahams, South Africa Facilitators: Contributors:	Mini Introductory Talk Prof. Rasika Perera, Sri Lanka Facilitators: Contributors:	Mini Introductory Talk Prof. Paul Gleeson, Australia Facilitators: Contributors:
1230 – 1245	HEALTH BREAK			
	SESSION 3 “Making BMB education more effective in the ‘new normal’ – The way forward” Chairperson: Dr. Tharanga Thoradeniya, Vice President, CBSL			
1245 – 1400	Closing Remarks		Prof. Sugandhika Suresh Education Chair, CBSL	





THE PANEL OF SPEAKERS

Keynote Speaker:





	<p>PROFESSOR DANIEL R. DRIES <i>Chair</i> <i>Department of Chemistry and Biochemistry</i> <i>Juniata College</i> <i>USA</i></p> <p>A “Joan R. Gibbel Awardee” for Distinguished Teaching, Prof. Dries is also a dedicated educator, principally responsible for teaching Biochemistry at Juniata College. He is a vocal advocate for the use of active learning in the science classroom and laboratory, and he uses problem-based learning in both his introductory and advanced Biochemistry courses. . His courses also focus on peer-led team learning as a way of building the skills necessary for a successful career, regardless of discipline. In order for students to successfully acquire these skills, Prof. Dries is committed to recognizing - and minimizing - the social, economic, and cultural barriers that stand in the way of students’ progress. In doing so, Prof. Dries strives to build an inclusive classroom environment, one in which all students can succeed.</p>
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Plenary Speakers:

Plenary 1	Teaching laboratory activities in transformation: adaptations during and after COVID-19
	<p>PROFESSOR GABRIEL HORNINK (BR) <i>Department of Biochemistry</i> <i>Institute of Biomedical Sciences</i> <i>Federal University of Alfenas</i> <i>Brazil</i></p>

Plenary 2	The 10 best practices for taking experiential learning online
	<p>PROFESSOR GLENDA GILLASPY <i>Virginia Tech</i> <i>Virginia</i> <i>USA</i></p>
Plenary 3	Python and Jupyter Notebooks in BMB Teaching & Research
	<p>PROFESSOR PAUL CRAIG <i>Rochester Institute of Technology</i> <i>New York</i> <i>USA</i></p>
Plenary 4	Innovative and creative techniques in BMB education
	<p>PROF. ELIZABETH JOHNSON <i>Deakin University</i> <i>Melbourne</i> <i>Australia</i></p>
Plenary 5	Making online learning more fun and more effective through peer instruction
	<p>PROFESSOR THILO HAGEN <i>Department of Biochemistry</i> <i>Yong Loo Lin School of Medicine</i> <i>National University of Singapore</i> <i>Singapore</i></p>

Parallel Sessions - Introductory Speakers:

Mini Introductory Talk	Gaps and challenges in BMB education in the new normal: Large Classes
	PROFESSOR BAN HON KIM KENNETH <i>National University of Singapore Singapore</i>
Mini Introductory Talk	Gaps and challenges in BMB education in the new normal: Teaching Labs
	DR. AMAAL ABRAHAMS <i>University of Cape Town South Africa</i>
Mini Introductory Talk	Gaps and challenges in BMB education in the new normal: Assessment
	PROFESSOR RASIKA PERERA <i>University of Sri Jayewardenepura Sri Lanka</i>
Mini Introductory Talk	Gaps and challenges in BMB education in the new normal: Student Perception
	PROFESSOR PAUL GLEESON <i>University of Melbourne Australia</i>






Facilitators:

	<p>Dr. Rahmawati (Emma) Ridwan Universitas Indonesia Indonesia</p>
	<p>Prof. Dong-Yan Jin The University of Hong Kong Hong Kong</p>
	<p>Dr. Caitlin Cridland Virginia Tech USA</p>
	<p>Prof. Tuangporn Suthiphongchai Mahidol University Thailand</p>

Organizing Committee:

	<p>PROF. GRACIA FE YU <i>Overall Organizing Committee Chair, FAOBMB Education Committee</i></p>
	<p>DR. THARANGA THORADENIYA <i>Organizing Co-chair Vice President, CBSL</i></p>
	<p>PROFESSOR T. SUGANDHIKA SURESH <i>Organizing Co-chair Education Chair, CBSL</i></p>
	<p>PROFESSOR SHARMILA M. T. JAYASENA <i>Organizing Co-chair President, CBSL</i></p>

Symposium Secretariat:

	<p>Dr. K.D.K Peshala Kumari <i>General Sir John Kotelawala Defence University</i></p>
	<p>Ms. Miruna Rabindrakumar <i>NSBM Green University</i></p>
	<p>Dr. Indika Neluwa-Liyanage <i>University of Sri Jayewardenepura</i></p>
	<p>Dr. Udara Senarath <i>University of Sri Jayewardenepura</i></p>
	<p>Mr. Samantha Bandara <i>Treasurer, CBSL</i> <i>University of Sri Jayewardenepura</i></p>

Supporting Team:

Prof. Lohini Athiththan Faculty of Medical Sciences, University of Sri Jayewardenepura
Dr. Anoja Attanayake Faculty of Medicine, University of Ruhuna
Dr. Niroshima Withanage Faculty of Allied Health Sciences, University of Sri Jayewardenepura
Dr. Sanath Mahawithanage Faculty of Medical Sciences, University of Sri Jayewardenepura
Prof. P. P. Rasika Perera Faculty of Medical Sciences, University of Sri Jayewardenepura
Prof. Usha Hettiaratchi Faculty of Medical Sciences, University of Sri Jayewardenepura
Dr. Swarna Hapuarachchi Institute of Indigenous Medicine, University of Colombo
Dr. Banukie Jayasuriya Faculty of Allied Health Sciences, University of Sri Jayewardenepura
Dr. Kalpani Ratnayake Faculty of Health Sciences, CINEC Campus
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