

SCHEDULE OF INTERNATIONAL SCIENCE CONFERENCE - 2019

From Health to Well-being: An Interdisciplinary approach from Fundamental Sciences to Translational Medicine

Venue: St. Xavier's College, Mumbai (India)

9th -11th January 2019

Wednesday 9th January 2019 - Day I

TIME	ACTIVITY	VENUE
12:30–2:00 pm	Registration	First Quad.
2:00 – 2:30 pm	Tea/Coffee and Light Refreshment	College- Hall
2:30 – 3:40 pm	Inaugural Function	
	Welcome Address Dr. Rajendra Shinde Principal, St. Xavier's College, Mumbai & Chairperson, International Science Conference	
	Video Message Rev. Daniel R. Hendrickson President, Creighton University	
	Special Address Fr. Keith D'souza, S.J, Rector, St. Xavier's College, Mumbai	College- Hall
	Dr. Rene Padilla, Creighton University Overview of the Scientific Conference Dr. DK Agrawal (Creighton University) & Dr.(Fr.) Roy Pereira (St. Xavier's College, Mumbai)	
	Conveners - International Science Conference Special Address	
	Chief Guest International Science Conference	
3:40 - 3:45 pm	Introduction of the Keynote Speaker – Dr. DK Agrawal	
3:45 – 4:25 pm	<i>“Evolution: A Basic, Translational and Clinical Science”</i> Daniel R. Wilson, M.D., Ph.D. President, Western University of Health Sciences, Pomona, California	College– Hall
4:25 – 4:40 pm	Tea/Coffee break	
4:40 – 4:45 pm	Introduction of the Distinguished Speaker- Dr. DK Agrawal	
4:45 – 5:25 pm	<i>“Role of Pharmaceutical Research in Diagnostics and Drug Development ”</i> Prof. Ramesh K. Goyal, Vice Chancellor Delhi Pharmaceutical Sciences and Research University, New Delhi	College– Hall
5:25 – 5:30 pm	Introduction of the Distinguished Speaker- Dr. (Fr.) Roy Pereira	
5:30 - 6:10 pm	<i>“Innovations in Neurosciences: Ethics in Science”</i> Prof. Shubha Tole, PhD: Professor of Neurobiology, Department of Biological Sciences, TIFR, Mumbai	College– Hall
6:10 – 7.00 pm	Students/Trainees Interaction with the Distinguished Scientists	
7:00 – 7:30 pm	Tour of the St. Xavier's College	

Dinner : 7:30 – 9:00 pm (Hall)

Thursday 10th January 2019 - Day 2

8:00 – 8:45 am

Breakfast

College- Hall

9:00 – 10:00 am

Lecture: Juan A. Asensio, MD, FACS, FCCM, FRCS (England), KM;
“*Contemporary Wars in the Contribution to the Vascular Injury Management – From the Battle Field to Translational Research*”

College – Hall

Section Chair: Daniel R. Wilson, M.D., Ph.D.

TEA/ Coffee Break (10:00 – 10.30 am)

Venue – Scavi
(10.30 am- 12.30 pm)

Venue – College-Hall
(10.30 am- 12.30 pm)

Venue– MMR
(10.30 am- 12.30 pm)

Topic 1.
Pathophysiological Mechanisms of Vascular Reactivity in Cardiovascular Diseases

Section Chairs: Prof. Juan Asensio

Plenary Speaker: 30 + 5min

Prof. Melchior Luiz Lima, MD, PhD

Invited Speaker (20+5) min.
Dr. Mohamed Radwan, (CTS, Creighton University, USA).
Translational approaches to common cardiovascular diseases.

Selected Papers (10+2) min.

I - Gauri
II - Meenakshi

Topic 2.
Pharmacology in Translational Research:

Section Chairs: Dr. Ramesh K. Goyal and Dr. Foster Gonsalves

Plenary Speaker: 30 + 5min

Prof. Andras Varro, MD, PhD
The antiarrhythmic and cardiac electrophysiological effect of desethylamiodarone – New vine in old bottle ?

Plenary Speaker – II (30 + 5) min.

Dr. (Fr.) Roy Pereira, PhD
(St. Xavier’s College), Mumbai

Invited Speaker (20+5) min.

Dr. Dhanisha Jhaveri
Targeting neural stem cells in the adult brain for the treatment of anxiety and depression

Selected Paper - (10+2 min.)

Swati Pandey

Topic 3.
Translational Musculoskeletal Research

Section Chairs: Dr. Shyamalava Mazumdar and Dr. Anil Kumar P R.

Plenary Speaker: 30 + 5min

Prof. Subburaman Mohan, PhD. *The Art of Building Bone: Role of Chondrocyte-to-Osteoblast Transdifferentiation in Endochondral Ossification*

Invited Speaker – I (20+5) min.

Dr Finosh Thankam, (CTS, Creighton University, USA).
Tendon-to-bone healing: Untold molecular stories

LUNCH (12.30 - 1.00 pm) - Hall

1.10 – 2:10 pm

Lecture:
Translational Research: Opportunities and Challenges’

Keynote: Dr. DK Agrawal;

Section Chair: Dr. Ramesh K. Goyal

College- Hall

Venue – MMR (2:15 – 4.15 pm)	Venue – College Hall (2:15 – 4.15 pm)	Venue – Scavi (2:15– 4.15 pm)
Topic 4. Ayurveda and Phytomedicine: Back to Nature Section Chair: Dr. Vishwas Sarangdhar & Dr. Priya Sunderajan Plenary Speaker: 30 + 5min Dr. Rajmohan V.(Ayurveda University, India) <i>The Interface of aging, rasayna and cancer through interdisciplinary and multidisciplinary approaches</i> Selected Papers – 10 + 2 min. I - Ayushi Gala II – Anitha R	Topic 5. Stem cell research, Tissue Engineering and Regenerative medicine: New frontiers of self-healing Section Chair: Dr. Aseem Ansari and Dr. Swati Patankar Plenary Speaker - I: (30 + 5) min Prof. Shyamlava Mazumdar (TIFR,Mumbai) <i>Nano-biotechnology and Green Chemistry using Proteins as catalysts</i> Plenary Speaker – II (30+5) min. Dr.Anil Kumar <i>Evaluation challenges in Biofabrication of Tissues and Organs</i> Invited Speaker – (20+5) min. Dr. Renjith Nair <i>A bio-mimetic approach for diabetic wound healing</i> Selected Papers- (10+2 min.) I – Hitesh Shingadia II- Soumya KC	(Competition) Judges: Dr. B D Bonde Dr. Radiya P. Gupta Dr. Madhuri Hambarde Prof. Kevin, Dr. Karuna Gokarn Oral Presentation (10+5)minutes 8 presentations <i>Vivek Parab, Lynn, Chayanika, Aparna Dixit, Anuradha, Farha, Dharana</i> POSTER PRESENTATION <i>Arathi Unni, Meenakshi (Burkill), Reshma, Pralhad R., Trupti, Ashma A., Mahima, Prajakta, Steffi Kunnel, Aditya Sane, Shivani Suresh, Sreesang, Varun Sane, Prachi Nagpal, Royston</i>

TEA/ Coffee Break (4:15 – 4.30 pm)

Meet your Scientist – II (For school and Junior College Students) 4.30 – 5.30 PM	College Hall
Debate (6:00 -7:00pm) “Strengths and Weaknesses – Ayurveda and Allopathy ?” Moderator: DK Agrawal, PhD; Ayurveda speaker – Dr. Raj Mohan MD - 20 minutes Allopathy speaker - Daniel R. Wilson, MD, PhD – 20 minutes The audience will vote at the end	Seminar Room
CULTURAL PROGRAMME (7:15 – 8:00 pm)	College Hall

Friday 11th January 2019 ; DAY – 3

8 – 8.45 am
9 – 10 am

Breakfast

Hall

Lecture: ‘Aptamer’- emerging technology having potential to be used for diagnostics and therapeutics.
Dr. Nishigandha Naik,
Director-Haffkine Institute, Mumbai

College Hall

Section Chair: DK Agrawal

TEA/ Coffee Break (10:00 – 10.30 am)

Venue - Scavi
(10.30 am - 12.30 pm)

Venue – MMR
(10.30 am - 12.30 pm)

Venue – College Hall
(1.15 – 3.15pm)

Topic 6. Reproductive medicine: Well-being for next generation

Topic 7. Next Generation Therapeutics – from Cell Biology to Clinical Arena

Topic 8. Fundamental Science

Section Chairs: Dr. Nandita Mangalore and Prof. Andras Varro.

Section Chairs: Prof. Melchior Lima and Dr. Seema Das

Section Chairs: Prof. Andras Varro and Dr. Finosh Thankam

Plenary Speaker: (30 + 5) min
Dr. Oormila Kovilam, MD
Diabetes in pregnancy, multifetal gestation and fetal programming of adult diseases

Plenary Speaker - I : (30 + 5)min
Dr. Sorab Dalal PhD.
LCN2 – A Potential therapeutic target in multiple tumor types

Selected Papers – 5 (10+2) min.

Invited Speaker – I: (20+5) min.
Dr. Alex Varghese (MRC, Canada)
Clinical embryology
Selected Papers- (10+2) min.

Plenary Speaker – II: (30 + 5) min
Dr. Foster Gonsalves
New Frontiers in Immunooncology
Invited Speaker - (20+5) min
Dr. Basavaraj K. Nanjwade
Clinical Drug Development and Marketing Authorisation

Riyaz Seema Das, Manasi, Priya, Vinaya

I – Sudha Sahay

II- Radhika Tendulkar

Selected Paper - (10+2) min.
I - Amruta Sapre
II – Tomasz Kaminski

LUNCH

(12.30 - 1.00 pm)

Hall

Venue – MMR
(1.15 – 3.15 pm)

Venue – Scavi
(1.15 – 3.15 pm)

Topic 9.
Translational Neurology

Topic 10.
Therapeutic Biomaterials: Translational Challenges

Section Chairs: Dr. Shubha Tole

Section Chairs:
Dr. Oormila Kovilam

Plenary Speaker -I : (30 + 5)min
Dr. Aseem Ansari
Designing molecules that target genome and prevent neurodegenerative diseases

Plenary Speaker: (30 + 5) min
Dr. Praveen Vemula
Prophylactic biomaterials to protect farmers from pesticide-induced toxicity and lethality

Plenary Speaker -II : (30 + 5)min.

Dr. Vithyalakshmi Selvaraj,
MBBS, MD

*New Drug Targets for Coronary
Artery Disease: The Role of a
functional serotonergic system in
coronary smooth muscle cells*

Invited Speaker – I (20+5) min.

Dr. Richa Ricky.

*Sub-cellular organelles in inheritance,
development and disease*

Plenary Speaker – III (30+5) min.

Dr. Swati Patankar, IIT-Mumbai,
India.

*Using proteomics to identify new
diagnostic antigens for malaria*

Invited Speaker – II (20+5) min

Dr. Ajit Anerao

Genotoxic Impurities in Pharmaceuticals

Selected Papers- (10+2) min.

I – Paul Elbert

II- Anuradha Koovilam

Selected Papers - (10+2) min.

I – Pradnya Palekar

II- Avinash Nayar

III- Binoj Kutty

3.30 - 5.00pm

Award Ceremony and Valedictory Function - COLLEGE HALL

(High Tea and Distribution of Attendance Certificates)

**Mumbai Tour (For interested
participants)**

5:00 pm onwards