

# NATIONAL CONFERENCE ON ALTERNATIVES TO ANIMAL EXPERIMENTS (NCAAE-2018)

November 27, 2018

## Jamia Hamdard, New Delhi

Venue: Hamdard Convention Centre

<https://goo.gl/maps/1CAm9JdoLjs9JdoLjs>

### PROGRAMME

8.00 – 9.20 am	REGISTRATION														
9.30 – 10.45 am	<p style="text-align: center;"><b>INAUGURAL PROGRAMME – 9.30 am</b></p> <p style="text-align: center;"><b>Venue: Hamdard Convention Centre (Hall -1)</b></p> <p style="text-align: center;"><a href="https://goo.gl/maps/1CAm9JdoLjs9JdoLjs">https://goo.gl/maps/1CAm9JdoLjs9JdoLjs</a></p> <table border="1"><tr><td>9.30 – 9.35 am</td><td>Recitation of a Verse from the Holy Quran</td></tr><tr><td>9.35 – 9.40 am</td><td>Floral welcome of Guests</td></tr><tr><td>9.40 – 9.45 am</td><td>Introductory remarks of the Organizing Secretary – Prof. S. Raisuddin</td></tr><tr><td>9.45 – 9.50 am</td><td>Welcome address by Pro Vice Chancellor - Prof. Ahmed Kamal</td></tr><tr><td>9.50 – 9.55 am</td><td>Address by the General Secretary, Society for Alternatives to Animal Experiments – Prof. M.A. Akbarsha</td></tr><tr><td>9.55 – 10.00 am</td><td>Address by the President, Society for Alternatives to Animal Experiments – Prof. Y.K. Gupta</td></tr><tr><td>10.00 – 10.15 am</td><td>Keynote Address by Troy Seidle, Vice President, Research &amp; Toxicology at Humane Society</td></tr></table>	9.30 – 9.35 am	Recitation of a Verse from the Holy Quran	9.35 – 9.40 am	Floral welcome of Guests	9.40 – 9.45 am	Introductory remarks of the Organizing Secretary – Prof. S. Raisuddin	9.45 – 9.50 am	Welcome address by Pro Vice Chancellor - Prof. Ahmed Kamal	9.50 – 9.55 am	Address by the General Secretary, Society for Alternatives to Animal Experiments – Prof. M.A. Akbarsha	9.55 – 10.00 am	Address by the President, Society for Alternatives to Animal Experiments – Prof. Y.K. Gupta	10.00 – 10.15 am	Keynote Address by Troy Seidle, Vice President, Research & Toxicology at Humane Society
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		International, Toronto, Ontario, Canada	
	10.15 – 10.30 am	Address by the Chief Guest – Dr. Renu Swarup, Secretary, Department of Biotechnology	
	10.30 – 10.35 am	Presidential Remarks by the Vice Chancellor - Prof. (Dr) Seyed Ehtesham Hasnain	
	10:35 – 10.40 am	Felicitations	
	10.40 - 10.43 am	Vote of Thanks by Co-chairman Organizing Committee – Prof. M.P. Sharma, Dean, School of chemical & Life Sciences	
	10.43- 10.44 am	National Anthem	
	10.44 am	High Tea	
10.45 – 11.10 am	<b>HIGH TEA AND NETWORKING OPPORTUNITY</b>		
<b>PLENARY SESSION-1 (Hall -1)</b>			
<b>TIME SLOT</b>	<b>SPEAKER</b>	<b>TITLE</b>	<b>CHAIR/CO-CHAIRPERSON(S)</b>
11.15 – 11.35 am	Prof. Hajime Kojima, JSAAE, National Institute of Health Sciences , Japan	JSAAE promotion of the 3Rs in Asia	<b>Chair:</b> Prof. M.A. Akbarsha, General Secretary, SAAE, National College, Trichy, India <b>Co-chairs:</b> Prof. Oommen V. Oommen, Kerala University, Trivandrum Prof. Nilanjan Saha, Jamia Hamdard, New Delhi
11.35 – 11.55 am	Dr. Christian Pellevoisin, EPISKIN Academy, France	Reconstructed skin models for <i>in vitro</i> hazard and risk assessment of chemicals and cosmetics	
11.55 am – 12.05 pm	<b>Q&amp;A SESSION AND CHAIR'S REMARKS</b>		
<b>PLENARY SESSION – 2 (Hall -1)</b>			
12.10 – 12.30 pm	Prof. Eui-Bae Jeung, KSAAE, Chungbuk National University, South Korea	Alternative developmental toxicity test with embryonic stem cells	<b>Chair:</b> Prof. S.V. Rana, former Vice Chancellor, Bundelkhand University and Founder, Department of Toxicology, CCS University, Meerut, India <b>Co-chairs:</b> Prof. R. Thirumurugan, NCAAE, Bharathidasan University, India; Dr. M. Michael Aruldas, University of Madras, India
12.30 – 12.50 pm	Dr. Alber P. Li, In Vitro ADMET Laboratories LLC, USA	<i>In vitro</i> hepatic and enteric experimental systems for the evaluation of human xenobiotic metabolism and toxicity	
12.50 – 1.10 pm	Dr. Dipti M. Kapoor, PeTA, India	Alternatives to the use of animals in regulatory and biomedical research in India	

1.10 -1.10 pm	<b>Q&amp;A SESSION AND CHAIR'S REMARKS</b>				
1.10 – 2.00 pm	<b>LUNCH AND POSTER SESSION</b>				
	<b>TECHNICAL SESSION – 1 (Hall-1)</b>		<b>YOUNG SCIENTISTS' ORAL PRESENTATION SESSION (Hall-2)</b>		
	<b>Chair: Prof. P.R. Sudhakaran, Kerala University, India</b> <b>Co-chairs: Dr. M.S. Yar, Jamia Hamdard, India; Dr. Umesh Prasad, IT College, Lucknow</b>		<b>Chair: Prof. K.K. Sharma, Ajmer, India</b> <b>Co-chairs: Dr. Haider Ali Khan, Jamia Hamdard, India; Dr. M.C. Sathyanaryana, Chennai, India; Dr. Yeshvandra Verma, CCS University, India</b>		
2.00 – 2.15 pm	Dr. Barry Hardy, OpenTox, Switzerland	Collaborative development of predictive toxicology and safety assessment resources - connecting people and data for decision-making	2.00 – 2.10 pm	Dr. Jayasujatha Vethamanickam, Unilever R&D, India	A case study approach to Next Generation Risk Assessment for consumer
2.15 – 2.30 pm	Prof. Indira Ghosh, JNU, India	Exploring chemical space in predictive toxicology	2.10 – 2.20 pm	Dr. Nusrat Nabi, Jamia Hamdard, India	Phase - 0 Studies: An innovative alternative tool to animal experiments
2.30 – 2.45 pm	Dr. André Kleensang, CAAT, Johns Hopkins University, USA	Emerging alternatives to animal models for chemical hazard assessment in the 21 <sup>st</sup> century	2.20 – 2.30 pm	Dr. Poonam Goswami, CSIR-CDRI and Jamia Hamdard, India	Neurotoxicity and astrocyte activation: a study on cell-specific responses of rotenone
2.45 -3.00 pm	Dr. M. Idris, CSIR-CCMB, India	Biomechanism of regeneration and degeneration in alternate model animals - A molecular discovery study	2.30 – 2.40 pm	Dr. Rahul Date, Jai Research Foundation Valvada, Dist- Valsad Gujarat	Assessment of photosensitization potential via In Chemico Direct Peptide Reactivity Assay
3.00 -3.05 pm	<b>Q&amp;A SESSION AND CHAIR'S REMARKS</b>		2.40 - 2.50 pm	Dr. Rishi Kumar, Amity University, India	Single cell gel electrophoresis for evaluation of genotoxicity of <i>Vaishavanara Churna</i> - an Ayurvedic formulation Chicken-An alternative animal model
			2.50 – 3.00 pm	Dr. Sumbul Rehman, AMU, India	Chicken-An alternative animal model
			3.00 - 3.05 pm	<b>Q&amp;A SESSION AND CHAIR'S REMARKS</b>	
	<b>TECHNICAL SESSION – 2 (Hall -1)</b>		<b>TECHNICAL SESSION -3 (Hall-2)</b>		
	<b>Chair: Dr. Yogeshwar Shukla, CSIR-IITR, India</b> <b>Co-chairs: Prof. Suhel Parvez, Jamia Hamdard, India; Dr. C.R. Patil, India</b>		<b>Chair: Prof. A. Ray, Jamia Hamdard, India</b> <b>Co-chairs: Dr. C. Nath, India; Prof. M.A. Jafri, Jamia Hamdard, India</b>		
3.10 – 3.25 pm	Dr. Amir Nazir, CSIR-CDRI, India	Functional genomics and epigenetics studies employing C.	3.10 – 3.25 pm	Dr. Vijay Pal Singh, FSAAI, India	Risk assessment of chemicals/additives in foods:

		<i>elegans</i> models of neurodegenerative diseases: Implications for mechanistic understanding and drug discovery efforts			Reducing animal usage
3.25 – 3.40 pm	Dr. A.B. Pant, CSIR-IITR, India	Alternatives to laboratory animals: which side of history do we finally want to be?	3.25 – 3.40 pm	Dr. Adip Roy, Amway, India	New frontiers in safety and toxicological assessment
3.40 – 3.55 pm	Dr. Brinda Poojary, HSI, India	India's roadmap on the alternatives to animal experimentation	3.40 – 3.55 pm	Prof. S.Z. Rahman, AMU, India	Teaching and learning of experimental pharmacology by alternatives
3.55 – 4.10 pm	Prof. M.A. Akbarsha, SSAE, India	Relevance of invertebrates as alternative model organisms with special reference to Hydra	3.55 – 4.10 pm	Dr. Subaramaniyam Vangala, ReaGene Biosciences, India	Could human on a chip end animal testing?
4.00 – 4.15 pm	Dr. P.V. Mohanan, SCTIMST, India	ELISA method for the detection of Interleukin-1 $\beta$ : An alternative to pyrogen assay	4.00 – 4.15 pm	Dr. Ekta Kapoor, DST, India	Good Laboratory Practice aspects in toxicology, safety and drug development: The OECD perspective
4.15 – 4.20 pm	<b>Q&amp;A SESSION AND CHAIR'S REMARKS</b>		4.15 – 4.20 pm	<b>Q&amp;A SESSION AND CHAIR'S REMARKS</b>	
4.20 – 4.55 pm	<b>TEA AND POSTER SESSION</b>				
5.00 – 6.00 pm	<b>PANEL DISCUSSION (Hall -1)</b> <b>Topic: Creating an enabling ecosystem for alternatives in India</b>		<b>Domain</b>		<b>Modus operandi:</b> <ul style="list-style-type: none"> <li>The Moderator will invite trigger talk of 3 minutes from each panel member.</li> <li>In the second round, comments from selected panel members will be invited.</li> <li>The Moderator may take 2-3 questions from the audience.</li> <li>The Concluding Remarks will be offered by the Chief Panellist.</li> <li>The Moderator shall record the proceedings in bullet points.</li> </ul>
	<b>PANEL</b>		<b>Chief Panellist</b>		
	1. Prof. Y.K. Gupta, SAAE, India		<b>Moderator</b>		
	2. Dr. Dipti M. Kapoor, PeTA India		NGO/Social Sector		
	3. Dr. Alokparna Sengupta, HSI- India		Regulatory Agency		
	4. Dr. Vijay Pal Singh, FSSAI, India		Regulatory Agency and Research Funding		
	5. Dr. R.S. Sharma, ICMR, India		Regulatory and Licensing Agency		
	6. Dr. Naresh Sharma, CDSCO, India		Industry		
	7. Mr. Nitin Bavkar, MediMation, India		Academy/Industry/International Perspective		
	8. Dr. Christian Pellevoisin, EPISKIN Academy France		Professional Society/Research Perspective		
9. Dr. Dinesh Bhardwaj, IPS/NIN, India		Academics and Training			
10. Prof. S. Raisuddin, Jamia Hamdard, India					
6.00 – 6.30 pm	<b>VALEDICTORY SESSION, ANNOUNCEMENT OF AWARDS, CERTIFICATE DISTRIBUTION AND FELICITATIONS</b>				