SECOND ANNOUNCEMENT

9TH INTERNATIONAL CONFERENCE OF LASA INDIA
“LABORATORY ANIMALS IN BIOMEDICAL RESEARCH - THE WAY FORWARD”

NOVEMBER 21 - 23, 2019

VENUE
IISER Pune, MS, India

Jointly organized by
Indian Institute of Science Education and Research (IISER) Pune
&
National Centre for Cell Science (NCCS), Pune
In association with
Laboratory Animal Scientists’ Association (LASA), India

Email: lasapune2019@gmail.com
Website: lasacon2019.lasaindia.in
Dear Colleagues and Friends,

Warm Greetings from Pune, the great cultural and educational city of India!!

We are happy to welcome you to the 9th International conference of LASA India on “Laboratory Animals in Biomedical Research - The way forward” in Pune city during November 22-23, 2019. We are happy to announce two pre-conference workshops on Nov. 21, 2019 by LASA India and Tecnipalst, Italy.

The laboratory animal science in India is growing rapidly, both in quality and quantity. Today, we are witnessing the growth of laboratory animal science from over 1750 CPCSEA registered Animal Facilities, 25 AAALAC accredited and several GLP accredited Animal Facilities in India. LASACON 2019 will bring together leading academic scientists, veterinarian, researchers and scholars associate with laboratory animals from around the world. Our goal is to foster an open and unconventional discussion in order to develop novel ideas and approaches to face the current challenges of the laboratory animal science in biomedical research.

In addition to the amazing conference, you will benefit from the wonderful experience in Pune, India. You will experience mythical nature and culture in and around Pune.

Please visit LASACON 2019 website for further details on registration, sponsorship, pre-conference workshop and the scientific program.

Sincerely
Organizing Team

Patrons: Prof. Jayant B. Udgaonkar, Director, IISER Pune
Dr. Manoj Kumar Bhat, Director, NCCS, Pune
Dr. Hemant G. Kumar, Director, IIT Bombay
Dr. Arvind Ingle, Director, ACTREC, Navi Mumbai
Dr. PK Yadav, Director, AIIMS, New Delhi
Dr. B. Ramanamurthy, Scientist ‘G’, NCCS, Pune
Dr. H.D. Sarma, Scientist ‘D’, NCCS, Pune
Dr. Dr. R.K Shakthi Devan, Secretary, LASA
AIIMS, New Delhi (Vice President, LASA)
ACTREC, Navi Mumbai (President, LASA)

Chairperson: Prof. Sanjeev Galande, Dean, R & D, IISER Pune
Convener: Dr. B. Ramanamurthy, Scientist ‘G’, NCCS, Pune
Organizing Secretaries: Dr. Mahesh Sahare, Senior Research Officer, IISER Pune
Dr. Rahul Bankar, Scientist ‘D’, NCCS, Pune

Treasurer: Dr. Sagar Chavan, Veterinary Scientist, IISER Pune

Core committee

Dr. Aurnab Ghosh, IISER Pune
Dr. Nixon Abraham, IISER Pune
Dr. Siddhesh Kamat, IISER Pune
Dr. Suraj Ingale, IISER Pune
Dr. Santosh Poddar, IISER Pune
Mrs. Mrinalini Virkar, IISER Pune
Dr. Mohan Wani, NCCS, Pune
Dr. Manas K. Santra, NCCS, Pune
Dr. R. Srikanth, NCCS, Pune
Dr. Rahul Patil, NCCS, Pune
Mr. Md. Shaikh, NCCS, Pune

Dr. Bhushan Chaudhary, NCL, Pune
Dr. Sachin Agawane, NCL, Pune
Dr. Dilip R. Patil, NIV, Pune
Dr. SG Ramachandra, IISc, Bengaluru
Dr. H.D. Sarma, BARC, Mumbai
Dr. Arvind Ingle, ACTREC, Navi Mumbai (President, LASA)
Dr. PK Yadav, AIIMS, New Delhi (Vice President, LASA)
Dr. R.K Shakthi Devan, Syngene, Bengaluru (Secretary, LASA)
Dr. Jerald Mahesh Kumar, CCMB, Hyderabad (Joint Secretary, LASA)
Dr. Kalidas Kohale, TIFR, Mumbai (Treasurer, LASA)
November 21, 2019, Day 1: Pre-conference workshop

Pre-conference workshop- I

“Establishing Indian College of Laboratory Animal Medicine (ICLAM): A Specialty Program of LASA India” with the help from the International Association of Colleges of Laboratory Animal Medicine (IACLAM)

In last two decades the number of biomedical research organizations in India has increased exponentially and so also the need to operate the laboratory animal facilities by expert veterinarians. In last decade, number of accredited organization in this field has also grown many-fold. In order to match the international standards, the veterinarians and other staff taking care of the laboratory animals has to be at par with the global practices. With this background, LASA India has felt the need to harmonize the postgraduate training in laboratory animal medicine and to provide certification for veterinarians active in laboratory animal medicine in the country. The idea to hold the workshop on this subject is efforts towards establishing the ‘Indian College of Laboratory Animal Medicine’ and creating awareness amongst the stake holders about the need to start the College.

Eminent speakers from International Association of Colleges of Laboratory Animal Medicine (IACLAM), American College of Laboratory Animal Medicine (ACLAM), European College of Laboratory Animal Medicine (ECLAM) as well as from Japanese College of Laboratory Animal Medicine (JCLAM) will be invited to deliver talks in this workshop. At present, around 1400 Diplomates in the speciality of laboratory animal medicine from ACLAM, ECLAM, KCLAM and JCLAM are serving the field in 24 countries.

Who can attend: Veterinarians involved in laboratory animal medicine as well as scientists involved in care and experimentation of laboratory animals can register for this workshop.

Pre-conference workshop- II

“Critical Factors Affecting Cage Processing and Lab Animal Hygiene” with the help from Tecniplast, Italy.

A good hygiene practices is the pre-requisite to maintain the Specific Pathogen Free (SPF) status of laboratory animal models. The trained personnel and standard SOPs for cage cleaning with appropriate detergents and washing can ensure a good hygiene quality. Many Institutions are now opting for automation solutions for the animal cage wash-up area to ensure that pathogenic or opportunistic micro-organisms are not introduced in SPF as well as immune-compromised animals.

The LASACON 2019 in association with Tecniplast-IWT and Samitek Instruments are conducting this workshop. The faculty of the workshop consists of technical experts from Tecniplast–IWT, Italy; Dr. Weigert, Germany, and David Pastor, Barcelona. They will be speaking on critical topics like sanitizing processes for cage washing, sterilization in animal facility, causes and prevention for damages of cages surface and corrosion, decontamination of equipment etc.

Who can attend: Veterinarians involved in laboratory animal medicine, scientists involved in care and experimentation of laboratory animals, post-graduate students, postdocs and all who are involved in animal studies and in the care of laboratory animals.
November 22 & 23, 2019 (Day 2 and Day 3):
Main Conference based on the theme:
“Laboratory Animals in Biomedical Research - The way forward”

Session highlights
• Advances in housing and husbandry practices in vivarium
• Experimental reproducibility in laboratory animals
• Health monitoring program and its importance
• Reproductive technologies in animal colony management
• Breakthrough in genome editing tool for generation of animal models
• Animal model phenotyping: from genotype to phenotype
• Pre-clinical animal models for human diseases
• Advances in bio-imaging technology
• Alternative laboratory animal models
• Animal ethics, culture of care and welfare
• International harmonization in laboratory animal research
• Modernization and digitalization of the vivarium: Current initiatives
• Designing state of the art vivarium facility
• Role of veterinarians in laboratory animal experimentation

CALL FOR ABSTRACTS:
This conference will include the speakers from National and Internationally renowned institutes/organizations. Participants are invited to submit abstracts related on the theme of the conference for the proposed oral and poster presentations which may be forwarded to the conference organizers at lasapune2019@gmail.com. Deadline for submission of abstracts is 05th September 2019. The selected speakers and presenters will be communicated about the acceptance/rejection immediately based on the inputs from the Scientific Committee. Since there will be limited oral presentations, participants are requested to submit their abstracts at the earliest. While submitting abstract write subject line as First author name _abstract/Poster.

LIST OF CONFIRMED SPEAKERS

Prof. Steve Brown, Director, MRC Mammalian Genetics Unit, Harwell, UK
Dr. Hilton Klein, VMD, MS, DACLAM, Dipl ECLAM - President IACLAM, USA
Dr. Tsutomu Miki Kurosawa, DVM, PhD, DJCLAM – President JCLAM, Japan
Dr. Angela King Herbert, DVM, DACLAM, NIH/NIEHS - ACLAM Board of Directors, USA
Dr. David Moore, MS, DVM, DACLAM, Virginia Tech, USA
Dr. Marcel Gyger, PhD, Chairman, Education & Training Committee, FELASA, Switzerland
Dr. Nixon Abraham, PhD, Biology, IISER Pune
Dr. Rajan Raghav, PhD, Biology, Ramalingaswami Fellow, DBT, IISER Pune
Dr. Sharmila Bapat, PhD, Scientist ’G’, NCCS, Pune
Dr. Mohan R. Wani, PhD, Scientist ’G’, NCCS, Pune
Dr. Ullas Kolthur, PhD, Associate Professor, Department of Biological Sciences, TIFR, Mumbai
Dr. Chinmoy Patra, PhD, Department of Developmental Biology, Agharkar Research Institute, Pune
Dr. Aurélie Jory, PhD, Mouse Genome Engineering Facility, NCBS, Bengaluru,
Dr. Manjunath Ramaraoo, PhD, Head, Discovery and Translational Medicine, BMS, BBRC, Bengaluru
Dr. Thanga Mariappan, PhD, Syngene International Ltd., Bengaluru
Dr. A. Sankaranarayanan, PhD, President, Vivo Bio Tech Ltd, Hyderabad
Dr. Vinod Jothikumar, PhD, Syngene International Ltd., Bengaluru
Dr. Ganesh Sangle, PhD, Dy General Manager, Wockhardt, Aurangabad
Dr. Amol Ganla, CEO & Director, Medivue Technologies, Mumbai
Mr. Franco Mondini, International Sales Director, Tecniplast, Milan, Italy
Mr. David Pastor, MATACHANA, Barcelona, Spain

LASA INDIA TRAVEL FELLOWSHIP AWARD

LASA India offers Travel Award to the students from Indian universities/colleges/research organizations who wish to attend the conference for presenting their research data in the LASACON 2019 as an oral presentation. Two students each from post graduate stream of veterinary, pharmacy and PhD (any life sciences) will be offered travel award of 3rd AC return train fare or equivalent amount travelled by shortest distance from the place of work.

SPONSORSHIP OPPORTUNITY

The conference will also have a space for companies and/or institutions to exhibit their products, services, innovations and research results. If you or your company is interested in participating in this exhibition, please write to the Organizing Secretary at lasapune2019@gmail.com
### REGISTRATION FEE DETAILS

#### Early bird before September 30, 2019

<table>
<thead>
<tr>
<th>Category</th>
<th>Student</th>
<th>Member (LASA)</th>
<th>Non-member (Indian)</th>
<th>Foreign Delegates</th>
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<tr>
<td>Pre-conference workshop I &amp; II</td>
<td>Rs. 3,000 (+540*=3,540)</td>
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#### October 01, 2019 onwards

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* 18% GST amount added in basic rate

**Note**

- 18% GST extra for Indian delegates on the basic rates
- Registration for pre-conference workshop I & II are limited. Registration for pre-conference workshop includes pre-conference kit and lunch on Nov. 21, 2019.
- Registration for conference includes conference kit, lunch and dinner on Nov. 22, 2019; and only lunch on Nov. 23, 2019.
- Student’s registrations are limited and preference will be given to those who present their research relevant to the conference theme. Bonafide certificate from their college is mandatory.
- Certificates and prizes will be awarded to best posters & best student presentations.
- Accompanying Guest Delegate will be charged Rs. 2000.00 per head including GST. No conference kit. Only meal will be offered.
ABOUT PUNE

Pune is the cultural capital of Maharashtra. It is also known as the "Oxford of the East" due to the presence of several well-known educational institutions. The city has emerged as a major educational hub in recent decades. It is well known for development of automobile and IT industries.

Sight-seeing:
Shaniwar Wada, Dagadusheth Halwai Ganapati Temple, Raja Dinkar Kelkar Museum, Parvati Hill, Osho Ashram etc.

Pune is located in the Sahyadri Hills; it has a large number of forts around city. Some of the famous hill forts such as Sinhgad ('Lion Fort') located 40 km from city.

Nearby Tourist Attractions:
Lonavala Hill Station, Lavasa, Matheran, Panchgani, Mahabaleshwar, Ajanta-Ellora caves.

LOOKING FORWARD TO WELCOMING YOU ALL AT LASACON 2019 IN PUNE!

How to reach

Airport: Pune international airport located at Lohegaon is approximately 16 kms away from the venue.

Railway station: Pune railway station is approximately 10 kms away from the venue.

Local Transport: Pune is well-connected with the public transport including Pune suburban railway, auto rickshaw, taxi and buses. Also, the facility of 'Ola' and 'Uber' is available throughout the city.

Weather in Pune
The city is known for its pleasant weather conditions throughout the year. The standard temperatures ranges from 23 - 32°C in the month of November.
# Registration Form

**A. Registration Details**

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<th>Prof./Dr./Mr./Ms</th>
<th>Organization</th>
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**C. Submission of Abstract**

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**D. Payment**

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<th>Payable in favour of</th>
<th>“INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, PUNE”</th>
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**Mailing Address**

**Organizing Secretary, LASACON- 2019**
National Facility for Gene Function in Health and Disease (NFGFHD),
IISER Pune, Dr. Homi Bhabha Road, Pashan, Pune, MH -411 008
Email: lasapune2019@gmail.com
Contact: 9673885665,

For any registration related query please contact -
Treasurer LASACON- 2019
Dr. Sagar Chavan , Email: lasapune2019@gmail.com, Contact: 9819731751

- Please send details of payment along with sponsorship form to lasapune2019@gmail.com

**Details for Bank transfer (NEFT/RTGS)**

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