



CT
UNIVERSITY
PUNJAB, INDIA

Career Begins Here...

25⁺ CELEBRATING
YEARS
OF ACADEMIC
EXCELLENCE



Times School
20
Among Top Private Universities

AAA+
RATING



CT
GROUP
SINCE 1997

SOCIETY FOR ALTERNATIVES TO ANIMAL EXPERIMENTS

(SAAE-India)

9TH ANNUAL CONFERENCE

Ethical and Technology-Driven Alternatives to Animal Experiments

NOVEMBER 26^{to} 28 2026

In Association with



Sponsors



Advertising Partner



ORGANIZED BY

SCHOOL OF PHARMACEUTICAL SCIENCES

CT UNIVERSITY, LUDHIANA, PUNJAB, INDIA

CTU CAREER TRANSFORMATION

ABOUT CT UNIVERSITY

CT University (CTU) is a leading institution committed to transforming education with world-class learning aligned with NEP 2020. With a cutting-edge campus featuring Robotics & Automation Labs, the BOSCH Lab and state-of-the-art technology, CTU provides the perfect platform for students to explore, innovate and excel. CTU takes pride in its outstanding placement record, with 10,000+ successful placements and a strong network of 1,500+ top recruiters. CTU empowers you with the skills, knowledge and industry exposure needed to thrive in a competitive world, shaping you into a leader of tomorrow.

Experience the Edge at CTU:

- NEP-Aligned Curriculum – Practical, skill-based learning with a multidisciplinary approach.
- Exceptional Placements – Strong industry ties ensure top job opportunities with leading companies.
- Industry-Ready Training – Hands-on experience through internships, live projects and collaborations.
- All-Round Growth – Build leadership, ethics and social responsibility for a successful future.
- Thriving Campus Life – A hub of innovation, creativity and student-driven initiatives.

CT University – The Smart Choice for Your Future

- Industry-Ready Education – Curriculum designed with strong industry collaboration to ensure graduates are job-ready from day one.
- Global Exposure – International partnerships, exchange programs and opportunities to learn from global experts.
- Cutting-Edge Infrastructure – Smart classrooms, modern labs, innovation hubs and world-class sports facilities.
- Focus on Innovation & Entrepreneurship – Strong support for startups, research and creative problem-solving through IIC and related initiatives.
- Holistic Development – Emphasis on academics, skill development, cultural activities and community engagement for all-round growth.



ABOUT SCHOOL OF PHARMACEUTICAL SCIENCES – CT UNIVERSITY

The School of Pharmaceutical Sciences (SOPS) at CT University is dedicated to excellence in pharmaceutical education, research, and innovation, aiming to equip students with strong scientific knowledge, practical skills, and ethical values to succeed in the pharmaceutical industry and contribute to healthcare and society. The school provides a dynamic learning environment supported by modern infrastructure, including advanced laboratories, well-equipped classrooms, and digital learning resources that help students stay updated with the latest developments in pharmaceutical sciences. Guided by highly qualified faculty members and industry professionals, students receive a balanced education that combines strong theoretical foundations with practical insights. SOPS offer a range of undergraduate, postgraduate, and diploma programs that are regularly updated to match global standards and evolving industry demands. The institution emphasizes hands-on learning through extensive laboratory training, industry projects, case studies, and internships that provide real-world exposure and prepare students for professional challenges. In addition to academic excellence, the school promotes ethical values, integrity, and compassion in healthcare, encouraging students to become responsible and socially aware professionals. Strong collaborations with leading pharmaceutical companies further enhance industry readiness by providing training in technical, professional, and soft skills essential for global employability. The institution also fosters a strong culture of research and innovation, motivating students to participate in research projects, publish their findings, and contribute to advancements in drug development and delivery. Through this comprehensive approach that blends academic learning, practical training, ethical values, and research opportunities, the School of Pharmaceutical Sciences at CT University prepares students to become competent, innovative, and industry-ready professionals capable of making a meaningful impact in the pharmaceutical field.

SPECIFIC LABS



Zebrafish Toxicology Lab



Drosophila Research Lab



HPLC Lab



In-Silico Research Lab



Cardiology Lab



Pharmaceutics Research Lab



Pharmaceutical Chemistry
Research Lab



Pharmacognosy Lab



Janausadhi Center for
Dispensing Practice

ABOUT SAAE - INDIA

The Society for Alternatives to Animal Experiments (SAAE – India) is a registered scientific society established in January 2019 at the National Centre for Alternatives to Animal Experiments (erstwhile MGDC), Bharathidasan University in Tiruchirappalli. The society is dedicated to promoting humane and ethical approaches in education and research by encouraging alternatives to animal use in drug discovery, toxicity testing, and academic training. SAAE-India actively supports the internationally accepted 3Rs principles—Reduction, Refinement, and Replacement—to minimize and eventually replace the use of animals in scientific studies. Since its inception, the society has emerged as a vibrant scientific platform in India, regularly organizing national conferences, seminars, workshops, and its annual scientific meet in different parts of the country. SAAE-India has organized various conferences at CSIR-CCMB-Hyderabad, AMU-Aligarh, University of Kerala-Trivandrum, DPSRU-New Delhi, G.N. Khalsa College-Mumbai and Jamia Hamdard-New Delhi. These conferences bring together researchers, academicians, industry professionals, policymakers, and animal welfare experts to exchange ideas, share innovations, and promote awareness about alternative experimental methods. Previous conferences and annual meetings organized by SAAE-India have provided valuable opportunities for collaboration and knowledge sharing among stakeholders working in the field of alternatives to animal experiments. Headquartered at the National Centre for Alternatives to Animal Experiments, the society continues to play an important role in transforming attitudes toward humane scientific practices and advancing modern, ethical research approaches across academic and research institutions in India.

EXECUTIVE MEMBERS



Dr. Y. K. Gupta
President SAAE-I
AIIMS, New Delhi, India



Dr. M. A. Akbarsha
General Secretary SAAE
Director Jamal Vaccine Research Centre, Jamal
Mohammad College, Tiruchirappalli;
Former Director & Chair, MGDC, Bharathidasan
University, Tiruchirappalli, India



Dr. Vijay Pal Singh
Vice-President SAAE-I
IGIB



Dr. S. Raisuddin
Vice-President SAAE-I
Jamia Hamdard University,
New Delhi



Dr. A. B. Pant
Joint Secretary SAAE-I
Principal Scientist
CSIR - IITR, Lucknow



Dr. Adip Roy
Joint Secretary SAAE-I
Head, Regulatory affairs,
Amway India Enterprises,
Gurgaon, India



Dr. B. Kadalmani
Treasurer SAAE-I
Dept. of Animal Science
Bharathidasan University,
Tiruchirappalli, India



Dr. Thomas Hartung
International Advisor SAAE-I
- CAAT, USA



Dr. Hajime Kojima
International Advisor SAAE-I
JaCVAM, Japan



Dr. Christian Pellevoisin
International Advisor SAAE-I
MatTek Life Sciences Tours,
CentreVal de Loire, France

ABOUT THE CONFERENCE

The previous conferences were conducted successfully by SAAE - India at various organizations (CSIR-Hyderabad, AMU-Aligarh, University of Kerala-Trivandrum, DPSRU-New Delhi, G.N. Khalsa College-Mumbai and Jamia Hamdard University-New Delhi). It is a proud moment for School of Pharmaceutical sciences, CT University to organize the 9th Annual Conference of SAAE - India which is envisioned as a dynamic platform dedicated to strengthening and advancing the principles of the 3Rs—Replacement, Reduction, and Refinement—by fostering ethical, scientifically robust, and human-relevant alternatives to traditional animal-based research.

Centered on innovation and responsibility, the conference will highlight the rapid evolution of New Approach Methodologies (NAMs), including in vitro systems, organ-on-chip technologies, computational modeling, artificial intelligence, and other digital innovations that are reshaping the landscape of biomedical research, toxicology, pharmacology, and life science education. By bringing together a diverse and interdisciplinary community of researchers, academicians, industry leaders, educators, regulators, and policymakers, the conference aims to encourage meaningful dialogue, knowledge exchange, and collaborative problem-solving across sectors.

Discussions will focus on the scientific validation, regulatory acceptance, and practical implementation of non-animal models, as well as strategies to integrate these approaches into research pipelines, safety assessment frameworks, and educational curricula. The event will also emphasize capacity building, skill development, and policy alignment to accelerate the adoption of humane, efficient, and predictive research methodologies. Through keynote lectures, panel discussions, and interactive sessions, the conference seeks to bridge gaps between science, regulation, and ethics, ultimately supporting the global transition toward more sustainable, innovative, and human-relevant research practices that align with societal expectations and advance both scientific excellence and animal welfare.



CONFERENCE HIGHLIGHTS

- Focused on 3Rs: Replacement, Reduction, Refinement in animal research.
- Covers NAMs, organ-on-chip, AI, in silico models, organoids, and human-centric toxicology.
- Strong expert network from ICMR, DBT, NIPER, AIIMS, CSIR, Harvard, and TU Berlin.
- Promotes ethical, human-relevant, and technology-driven biomedical research.
- Includes international keynote lectures, oral/poster presentations, and policy panels.

SCIENTIFIC SUB-TRACKS / FOCUS AREAS

- 3Rs, Alternatives, and New Approach Methodologies (NAMs)
- Alternative Model Organisms
- Digital Platforms in Teaching and Learning
- AI-Enhanced Predictive Biology and In Silico Research
- Microphysiological Systems and Organ-on-Chip Platforms
- Human-Centric Toxicology and Next-Generation Safety Assessment
- 3D Bioprinting, Organoids, and Tissue-Engineered Alternatives
- Computational Pharmacology and Digital Twin Frameworks
- Ethical Research Policies and Global 3Rs Advancements

WHO SHOULD ATTEND

- The Conference is ideal for Professionals and Students from
- Pharmaceutical Sciences
- Life Sciences
- Medical and Health Sciences
- Healthcare
- Veterinary Sciences
- Human Genetics
- Toxicology
- Biotechnology
- Engineering and Technology
- Computer Science
- Artificial Intelligence

DR. DIPTI M. KAPOOR ENDOWMENT AWARD 2026

- The Society for Alternatives to Animal Experiments-India (SAAE-I) invites applications for the Dr. Dipti M. Kapoor Endowment Award, to be presented at the 9th Annual Conference of SAAE-India (November 26–28, 2026) at CT University.

Who was Dr Dipti M. Kapoor?

Dr. Dipti M. Kapoor was the Science Policy Advisor of PETA-India. She passed away at a young age, creating a big void in the field of non-animal methods in India, which will be challenging to fill. To recognize her contribution 'to Alternatives', SAAE-India has instituted this award.

Eligibility Criteria:

- Indian citizen, 45 years or below (as on October 31, 2026)
- Work conducted in India
- Early-career researchers working in non-animal methods/alternatives/3Rs/New Approach Methodologies (NAMs)
- Preference for research using non-animal-derived components

Details of the Award:

The selected winner will receive a cash prize of 10,000 and a citation at the 9th Annual Conference of SAAE-India, to be held at CT University from November 26–28, 2026. The award also includes registration fee waiver, and free accommodation. The awardee must attend the full conference.

Award for the previous year:

Previous awardees include Dr. Shilpy Sharma (2022), Gopinath Packirisamy (2023), Dr. Prajakta Dandekar Jain (2024), and Dr. Viraj Mehta (2025), representing institutions such as Indian Institute of Technology Roorkee, Institute of Chemical Technology, and Sai Life Sciences.

How to Apply:

- Applications for the award must be submitted as an email attachment to the General Secretary (saae.india@gmail.com), on or before 18.09.2026.
- The application shall include a motivation letter of about 500 words consisting of the candidate's perspective on alternatives and his/her short- and long-term career goals. Applicants will also be required to send their CVs with affiliation details and contact, including a passport-size photograph and a 250-300 word abstract on their contribution to the Alternatives/3Rs/MAMs.
- The Awardee will be notified by email within one month of the application deadline. Information on the award and the winner will also be posted on the SAAE-I website and the WhatsApp Group.
- Third-party nominations will not be accepted.



ADVISORY BOARD & INVITED SPEAKERS



DR. ATSUSHI MIYASHITA

Teikyo University Institute
of Medical Mycology, Japan



DR. CHRISTIAN PELLEVOISIN

MatTek Life Sciences (Sartorius)
France



NICK JUKES

InterNICHE - International Network for Humane
Education, United Kingdom



DR. DOUGLAS LAW SIE NGUNG

Faculty of Health & Life Sciences
NITI International University, Malaysia



DR. LALU MUHAMMAD IRHAM

Faculty of Pharmacy, Universitas
Ahmad Dahlan, Yogyakarta, Indonesia



DR. KALPANI RATNAYAKE

CINEC Campus
Sri Lanka



DR. JEY PILLARI

Clinical Pharmacy Practice
USA



DR. RAMAKRISHNA MEDURI

USA-associated training/resource profile
USA



DR. D. SATHEESH KUMAR

Lesaka Apex Medical University
Zambia



PROF. MOHAMMAD TAHIR ANSARI

University of Nottingham
Malaysia



MS. FATEMEH KALANI

University of Geneva
Switzerland



DR. RAJAN SHRESTHA

Department of Pharmacy, School of Science,
Kathmandu University, Dhulikhel, Nepal

ADVISORY BOARD & INVITED SPEAKERS



DR. URESHANI KARUNARATHNA
Faculty of Allied Health Sciences
University of Sri Jayewardenepura Sri Lanka



JOSEPH WILLIAM N'GUNDA
Muhimbili National Hospital
Moganzila, Tanzania



PROF. ABHIJIT MAJUMDER
Indian Institute of Technology Bombay
IIT Bombay, Mumbai, India



DR. ANIL KUMAR PR
Division of Tissue Culture, Department of Applied Biology,
Biomedical Technology Wing, Sree Chitra Tirunal
Institute for Medical Sciences and Technology,
Poojappura, Thiruvananthapuram, Kerala, India



DR. KHUSHBOO BISHT
Department of Pharmacology
AIMS, Nagpur, India



DR. ANOOP KUMAR
Delhi Pharmaceutical Sciences and Research
University (DPSRU), New Delhi, India



DR. DAMANPREET SINGH
CSIR-Institute of Himalayan Bioresource Technology
(CSIR-IIIBT), Palampur, Himachal Pradesh, India



DR. ANKITA PANDEY
PETA India



DR. DHARMENDRA AHUJA
Bureau for Health & Education Status Upliftment
(Health-Education Bureau), India



DR. NARESH KASOJU
Dept. of Applied Biology, Biomedical Technology Wing,
Sree Chitra Tirunal Institute for Medical Sciences and
Technology (SCTMST), Thiruvananthapuram, Kerala, India



MS. VIJETA JAISWAL
CELLINK India; CELLINK-BSc Centre of Excellence
for 3D Bioprinting, IISc, Bengaluru, India



DR. RITISMITA DEVI
FOAHS, Former Assistant Director
Down Town University Assam, India

ADVISORY BOARD & INVITED SPEAKERS



DR. SURESH POOSALA

OncoSeek Bio Pvt. Ltd.
Visakhapatnam, India



DR. M. MOHAMMED IDRIS

Chief Scientist (Scientist-G) CSIR-Centre for
Cellular and Molecular Biology (CSIR-CCMB),
Hyderabad, Telangana, India



DR. PARVEEN BANSAL

I.K. Gujral Punjab Technical University
Kapurthala, Punjab, India



DR. AMIT ASTHANA

NIPER Hyderabad, Balanagar
Hyderabad, Telangana, India



DR. SUBRAHMANYAM VANGALA

FOAHS, Former Assistant Director Down Town University
AsCo-Founder and Chief Executive Officer ReaGene
Biosciences Pvt. Ltd., Bengaluru, Karnataka, Indiasam, India



DR. PRAJAKTA DANDEKAR JAIN

UGC Assistant Professor Department of
Pharmaceutical Sciences and Technology, Institute
of Chemical Technology (ICT), Mumbai, Maharashtra, India



DR. KASTURI MAHADIK

Chief Manager
Centre for Predictive Human Model Systems
(CPHMS), AIC-CCMB, Hyderabad, Telangana, India



DR. BOKARA KIRAN KUMAR

Principal Scientist CSIR-Centre for Cellular
and Molecular Biology (CSIR-CCMB),
Hyderabad, Telangana, India



DR. PRATIKSHA PALAHE

Commercial and R&D, National Facility for Biopharmaceuticals,
Department of Science and Technology, Government of India,
G. N. Khalsa College, Mumbai.



PROF. MUKESH KUMAR GUPTA

NIT Rourkela; ICMR-National Institute for Pre-Clinical
Research (ICMR-NIPCR) Hyderabad, Telangana, India



DR. ANJANA AGGARWAL

PETA India, New Delhi
India

REGISTRATION DETAILS

Registration Details	Super Saver Registrations(up to August 31, 2026)	Regular Registrations (September 1, 2026 to October 31, 2026)	Registrations with Late Fee (November 1 , 2026 to November 25, 2026)	On Spot Registrations (November 26, 2026)
UG/PG Student	₹3000	₹4000	₹5000	₹6000
Research Scholar	₹3500	₹4500	₹5500	₹6500
Faculty	₹4500	₹5500	₹6500	₹7500
Industry	₹6000	₹7000	₹8000	₹9000
Accompanying Person	₹2000	₹2000	₹2000	₹2000
Foreign Delegates	100 USD	150 USD	200 USD	250 USD

SPONSOR REGISTRATION

Sponsors	INR	Benefits
Platinum	2,50,000	4 free registrations, Type A Kiosk, 2 Standees, 2 banners, fullpage advertisement, main-sponsor and 20 minutes speaking slot
Gold	2,00,000	3 free registrations, Type B Kiosk, 2 Standees,1 banner, half page advertisement, Co-sponsors and 20 minutes speaking slot
Silver	1,50,000	2 free registrations, Type C Kiosk, 2 Standees, 1 banner, one-fourth-page advertisement, Co-sponsors and 20 minutes speaking slot
Bronze	1,00,000	1 free registration, Type D Kiosk, 2 Standees, one-fourth-page advertisement, Co-sponsors and 20 minutes speaking slot

Note:

- Discount of 1000 INR to SAAE-India Members on registration.
- A limited number of accommodation will be available at affordable prices.

GUIDELINES FOR ABSTRACT SUBMISSION

- **Word limit**

Abstract should be 250–300 words (mentioned in submission/award instructions).

- **Content of abstract**

Must describe your work related to scientific tracks of this conference.

- **Submission method**

Send as email attachment on saae2026@ctuniversity.in

Include with:

- Title
- Author details / affiliation
- Contact information (Note: The presenting author must be bold and marked with asterisk)
- Abstract
- Motivation letter (only for award category)

- **Abstract Submission (Deadline)**

15th October 2026

- **Acceptance Notification**

30th October 2026



LOCAL ORGANIZING COMMITTEE

PATRON



S. Charanjit Singh Channi

Chancellor, CT University

CO-PATRONS



Dr. Manbir Singh

Pro Chancellor
CT University



Mr. Harpreet Singh

Vice Chairman
CT University



Dr. Nitin Tandon

Vice Chancellor
CT University

LOCAL ORGANIZING COMMITTEE

ORGANIZING SECRETARY



Dr. Vir Vikram

HOS & Principal

School of Pharmaceutical Sciences, CT University

COMMITTEES

Scientific Program & Sessions Committee

Coordinator: Dr. Dilpreet Singh

Co-Coordinator(s): Mr. Rajesh Gautam
Mr. Akshay Kumar

Sub-Members: Ms. Muskaan
Mr. Kaunava Roy

Registration & Delegate Helpdesk Committee

Coordinator: Dr. Satyabrat Sarma

Co-Coordinator(s): Ms. Rinka

Sub-Members: Ms. Harwinder Kaur
Ms. Shilpa Debnath

Protocol, Stage & Dignitary Management Committee

Coordinator: Dr. Vir Vikram

Co-Coordinator(s): Dr. Amandeep Kaur Gill

Sub-Members: Dr. Dilpreet Singh
Mr. Hardik Kumar

Poster/Oral Presentation Operations & Judging Support Committee

Coordinator: Dr. Rohit

Co-Coordinator(s): Dr. Jaswinder Kaur

Sub-Members: Dr. Teena
Mr. Robin

Sponsorship, Exhibition & Industry Liaison Committee

Coordinator: Mr. Gaurav

Co-Coordinator(s): Dr. Shikha

Sub-Members: Mr. Bishal Singh
Dr. Teena
Ms. Baldeep Kaur

Abstract Handling & Proceedings Committee

Coordinator: Dr. Amandeep Kaur Gill

Co-Coordinator(s): Ms. Ankita Rangra

Sub-Members: Ms. Navneet Kaur
Mr. Robin Kumar

Finance, Budgeting & Payments Committee

Coordinator: Dr. Jaswinder Kaur

Co-Coordinator(s): Ms. Shreya

Sub-Members: Mr. Robin
Mr. Akshay Thakur

Hospitality & Accommodation Committee

Coordinator: Mr. Bishal Singh

Co-Coordinator(s): Ms. Nancy

Sub-Members: Ms. Navneet Kaur
Mr. Murshid Mollah

Venue, Logistics & AV/IT Committee

Coordinator: Mr. Kaunava Roy

Co-Coordinator(s): Dr. Rohit

Sub-Members: Mr. Pargat Singh
Mr. Jaspreet Singh

Transport & Travel Committee

Coordinator: Mr. Akshay Kumar

Co-Coordinator(s): Mr. Hardik Kumar

Sub-Members: Mr. Pargat Singh
Mr. Paramjeet Singh

Publicity, Media, Website & Social Media Committee

Coordinator: Mr. Hardik Kumar

Co-Coordinator(s): Mr. Gaurav

Sub-Members: Ms. Ankita Rangra
Ms. Nancy

NEARBY SIGHTSEEING OR PLACES TO VISIT

Ludhiana (10-30 Km from CT University)



Gurudwara Nanaksar



ISKCON Temple



Pavilion Mall



Nehru Rose Garden



Rakh Bagh Park



Agricultural Museum

Ferozpur (70- 80 km from CT University)



Hussainiwala Border



Saragarhi Gurudwara



Anglo-Sikh War Memorial

Jalandhar (80- 100 km from CT University)



Haweli



The East Wood



Devi Talab Mandir

NEARBY SIGHTSEEING OR PLACES TO VISIT

Chandigarh (100- 130 km from CT University)



Elante Mall



Rose Garden



Rock Garden



Sukhna Lake



Zakir Hussain



Pinjore Garden



Morni Hills



Chhatbir Zoo



Kasauli

Amritsar (100- 140 km from CT University)



Golden Temple



Wagah Border



Jallianwala Bagh

NEARBY SIGHTSEEING OR PLACES TO VISIT

Amritsar (100-140 km from CT University)



Sadda Pind



Durgiana Temple



Gobindgarh Fort



**Maharaja Ranjit Singh
Museum**



Ram Tirath Temple



**Harike Wetland and
Bird Sanctuary**

NEAR BY AIRPORTS



**Halwara International Airport
Ludhiana (28Km from CT University)**



**Chandigarh International Airport
(143Km from CT University)**



**Amritsar International Airport
(155Km from CT University)**



**Delhi International Airport
(325Km from CT University)**

NEARBY HOTELS/STAYS

Jagraon

(Distance approx 5 - 12 km from CT University)

Hotel Name	Typical Tariff (Approx)	
	INR	USD
Hotel Five Rivers	₹1,200-2,500	\$ 12-28
Hotel City Grace	₹1,200-2,500	\$ 12-28
Canadian Guest House	₹900-1,800	\$ 10-20
Hotel Dhawan Palace	₹1,200-2,500	\$ 12-28
Local Banquet / Guesthouse Option	₹900-2,200	\$ 10-25

Ludhiana

(Distance approx 30 - 38 km from CT University)

Hotel Name	Typical Tariff (Approx)	
	INR	USD
Hotel Regency	₹6,000 -11,000	\$ 65-125
Radisson Blu Hotel	₹6,000-11,000	\$ 65-125
Park Plaza	₹8,500-12,000	\$ 95-135
Lemon Tree	₹3,500-6,500	\$ 38-75
Hotel ONN	₹2,000-4,500	\$ 22-55
Hotel Maharaja Regency	₹2,000-4,500	\$ 22-55
The Taksonz	₹3,000-6,000	\$ 38-75
The Palm Court	₹3,000-6,000	\$ 38-75
Other Business Hotels	₹2,000-5,500	\$ 22-62

Contact Us:

Dr. Vir Vikram

Convenor

Professor & Principal, CT University, Ludhiana, Punjab, India



+91 98789-03414



saae2026@ctuniversity.in



CT UNIVERSITY

NH5, Ferozepur Road, Ludhiana
Punjab, India



CT University, Nh5, Ferozepur
Road, Ludhiana, Punjab, India



Visit Us:
www.ctuniversity.in



Email at :
admission@ctuniversity.in

CTU CAREER TRANSFORMATION