

## Second Announcement



### Controlled Release Society-Indian Chapter organises

#### 16<sup>th</sup> International Symposium on

#### Advances in Technology and Business

#### Potential of New Drug Delivery Systems

Friday, 23<sup>rd</sup> and Saturday, 24<sup>th</sup> February,  
2018

Venue: The Lalit,

Sahar Airport Road, Andheri (East),

Mumbai 400 059

#### About CRS IC....

Controlled Release Society (CRS Inc.) with over 4000 members worldwide is an international organization for the promotion and development of novel drug delivery systems, with headquarters in Minneapolis, Minnesota, USA and liaison offices in Geneva, Switzerland and Kawasaki, Japan. The Indian Local Chapter of Controlled Release Society (CRS IC) was established in 1994 with headquarters at PERD Centre, Ahmedabad and regional office at SciTech Centre, Jogeshwari, Mumbai. The mission of CRS IC is to promote education, create awareness and to encourage scientific research towards the creation of intellectual wealth in the area of drug delivery systems in India. For more details refer to the website: [crsic.org](http://crsic.org)

#### Executive Committee

Dr. H. L. Bhalla	President Emeritus
Dr. Anisha Pargal	President
Dr. Vandana B. Patravale	Vice President
Dr. Hitesh Doshi	Vice President
Dr. Sujata Sawarkar	Secretary
Dr. Parizad Elchidana	Member
Dr. Ganga Srinivasan	Member

#### Membership Details

- Online membership application form is available at: <http://goo.gl/forms/cMflfXgZug>
- For more details on membership refer: <http://crsic.org/membership.php>
- **Enrol yourself as a member before 10<sup>th</sup> December, 2017 to be entitled to the concessional 'Member Registration Fees' for the symposium**

## Theme of the Seminar

In the quest of delivering therapeutic agents with improved efficacy and minimum side effects, novel drug delivery systems (NDDS) have created a paradigm shift in pharmaceutical market. The thrust behind development of NDDS has increased owing to its manifold advantages such as safety, high efficacy, improved pharmacokinetics, decreased dosing frequency, minimization of side effects on account of targeting capability to specific site, patient compliance and its economical aspect; the most important perspective for pharmaceutical companies. The burgeoning interest in NDDS has increased due to advancement and availability of a variety of technologies to deliver drugs in novel dosage forms. The novel drug delivery systems include various nanocarrier based drug delivery systems such as liposomes, niosomes, micelles, nanoparticles etc. and administration technologies resulting in site specific delivery. These delivery systems make it possible to administer drugs through routes which were not explored earlier such as microneedles for transdermal drug and vaccine delivery, depot systems for intramuscular administration, aerosolized systems for pulmonary delivery etc.

It is estimated that NDDS products contribute to 17% of the world's pharma market, amounting to \$104 billion and India is also following a similar trend.

In view of this, the sixteenth symposium of Controlled Release Society-Indian Chapter aims to explore the upcoming developments in the field of NDDS and provide a common platform to industry personnel, academicians, research scientists and students to stimulate discussions on various aspects of development and management of novel delivery systems including regulatory issues and business aspects. Poster sessions will be conducted to provide opportunities for researchers to showcase their novelty in various aspects of drug delivery which would serve as an interactive forum between delegates from academia and industry.

## Invited Speakers

### ***Dr. Per Falk***

Executive Vice President & Chief Scientific Officer, Ferring Pharmaceuticals, Switzerland

### ***Mr. Henning Falck***

Head, Particle Technology, Neuhaus Neotec, Germany

### ***Ms. Michelle Frisch***

Senior Manager, Powder Systems Ltd., USA

### ***Prof. Hamid Ghandehari***

USTAR Professor, Departments of Pharmaceutics & Pharmaceutical Chemistry, and Bioengineering, University of Utah, USA

### ***Prof. Vinod Labhassetwar***

Lerner Research Institute, Cleveland, Ohio, USA

### ***Dr. Dilwyn Patterson***

Technical Manager, GEA Process Engineering, Southampton, United Kingdom

### ***Prof. Kannan Rangaramanujan***

Co-Director, Centre of Nanomedicine, Wilmer Eye Institute, John Hopkins School of Medicine, Baltimore, MD, USA

### ***Mr. Sudesh Shetty***

Partner Risk Consulting, Leads Life Science, KPMG, Mumbai, India

### ***Dr. Matthias Wacker***

Goethe University, Institute of Pharmaceutical Technology, Frankfurt, Germany

## International Coordinators

### **Prof. Vinod Labhassetwar**

Lerner Research Institute, Cleveland, Ohio

### **Prof. Ryan Donnelly**

School of Pharmacy, Queen's University, Belfast

### **Prof. Paul Heng**

Department of Pharmacy, National University of Singapore

## Organizing Committee

Dr. Ajit Singh: Chair

ACG Group, India

Dr. Anisha Pargal: Co-chair

Hindustan Unilever Ltd., India

Dr. Jaya Abraham

Alvogen, CEE

Dr. Srinivas Arutla

Apotex Research Pvt Ltd, India

Dr. Hitesh Doshi

Indeus Life Sciences Pvt Ltd, India

Dr. Ajaz Hussain

President NIPTE & Principal Insight Advice and Solutions LLC, USA

Mr. Sunil Jog

Ferring Pharmaceuticals India, India

Mr. Aditya Marfatia

Electrolab India Pvt. Ltd., India

Ms. Maharukh Rustomjee

Amaterasu Lifesciences LLP, India

Mr. Ketan Savjani

Emcure Pharmaceuticals Ltd., India

Dr. Sujata Sawarkar

SVKM's Bhanuben Nanavati College of Pharmacy, India

Dr. Himadri Sen

STEERLife, India

Dr. Ganga Srinivasan

VES College of Pharmacy, India

Dr. Vaishali Tawde

Ashland Speciality Ingredients, India

Dr. Kamlesh Oza

Ideal Cures Pvt. Ltd., USA

## Scientific Committee

Dr. Vandana Patravale: Chair

Institute of Chemical Technology, India

Dr Parizad Elchidana: Co- Chair

Pharmax Pharmaceuticals FZ LLC

Dr. John D'souza

Tatyasaheb Kore College of Pharmacy, India

Dr. Sanyog Jain

NIPER, Mohali, India

Dr. Anubha Khale

H. K. College of Pharmacy, India

Dr. Madhur Kulkarni

Indira College of Pharmacy, India

Dr. Mala Menon

Bombay College of Pharmacy, India

Dr. Munira Momin

SVKM's Dr. Bhanuben Nanavati College of Pharmacy, India

Dr. Mangal Nagarsenkar

Bombay College of Pharmacy, India

Dr. Harvinder Popli

Delhi Pharmaceutical Sciences and Research University, India

Dr. Tejal Shah

Institute of Pharmacy, NIRMA University, India

Dr. N. Udupa

Manipal College of Pharmaceutical Sciences, India

## Registration Guidelines

Category	Non Members	Members
Students	Rs. 2500	Rs. 2000
Academicians	Rs. 4000	Rs. 3500
Industry	Rs. 7000	Rs. 6500
Students: Foreign Delegates	USD 80	USD 70
Academicians: Foreign Delegates	USD 100	USD 90

- Kindly find the registration form on the last page of the brochure
- Last date for sending in your registrations is **31<sup>st</sup> January, 2018**.
- Spot Registration is subject to availability
- Payment Mode: Cheque or DD in favour of **Controlled Release Society-Indian Chapter**; payable at Mumbai, India
- Post the registration form and DD/Cheque to the following address: **A-255, Prof. Vandana B. Patravale, Dept. of Pharamceutical Sciences and Technology, N. P. Marg, Matunga (E), Mumbai – 400 019**
- Mail the scanned copy of the form and Cheque/DD to [crsic.reg@gmail.com](mailto:crsic.reg@gmail.com)
- Those opting for online transfer of funds, are requested to send us the date of transfer, transaction reference no. and the name of the person who has registered and the amount transferred. Find the details below:

**Account Name: Controlled Release Society Indian Chapter**

**Name of Bank: ICICI Bank**

**Address of Branch: Reis Magos, Ramdas Sutrale Road, Borivali (W), Mumbai 400092**

**Account No.: 001801048745**

**IFSC Code: ICIC0000018**

## Poster Presentation

Students, academicians and researchers are welcome to present their research related to the theme of the seminar at the poster presentation competition. Selection for the poster presentation is based on the abstracts submitted.

### Submission of Abstracts:

- All abstracts should be mailed to: **abstracts.crsic@gmail.com**
- Abstracts should not exceed the length of **one A4 page**
- The abstracts should be structured and contain title (Top of the paper, centered, bold, all capital, Times New Roman, 14), name of authors (last name followed by initials, name of presenting author to be underlined, Times New Roman, 10), complete address of the institution including the state, country and pincode (Times New Roman, 10), Email ID of the presenting author, Key words (not more than 5, Times New Roman, 10), aims, objectives, methodology, results and discussions, conclusions, references and acknowledgements. Use of graphs, tables and figures is strongly recommended
- Leave a 1 inch margin on all 4 sides of the abstract
- **Abstracts not abiding to the above mentioned formatting guidelines will be immediately rejected and not considered for the review process**
- Last date of submission of abstracts is **10<sup>th</sup> December, 2017**
- Intimation of acceptance will be sent by **10<sup>th</sup> January, 2018**
- It is mandatory for the presenting author and the corresponding author to avail CRS membership if not already a member (membership details enclosed).
- The best three posters will receive cash prizes besides an **International Travel Award** for the 'First Prize' winner

## Registration Form

Post the fully filled Registration Form along with the cheque/DD/online transaction proof with your name written at the back of the cheque/DD to the mentioned address. Kindly mention 'CRS Registration' in bold letters on the envelope carrying the registration form.

### Sixteenth Annual Symposium of Controlled Release Society-Indian Chapter

On

### Advances in Technology and Business Potential Of New Drug Delivery Systems

Friday, 23<sup>rd</sup> and Saturday, 24<sup>th</sup> February, 2018

Salutation: Mr./ Ms./ Mrs./ Prof./ Dr.

Name: \_\_\_\_\_

Surname First Name Middle Name

Designation: \_\_\_\_\_

Department/ Division: \_\_\_\_\_

Company/ Institute: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Pin Code: \_\_\_\_\_ Country: \_\_\_\_\_

Mobile No.: \_\_\_\_\_

Email ID: \_\_\_\_\_

### Payment Details

Cheque/ DD/Online Transaction No. \_\_\_\_\_

Date: \_\_\_\_\_

Name of the Bank: \_\_\_\_\_

Branch: \_\_\_\_\_ Amount: \_\_\_\_\_



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**Key Note Speakers**

**Dr. Per Falk**

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and Chief Scientific  
Officer, Ferring  
Pharmaceuticals,  
Switzerland

**Mr. Sudesh Shetty**

Partner Risk Consulting,  
Leads Life Science,  
KPMG, Mumbai, India

**Invited International Speakers**

**Mr. Henning Falck**

Neuhaus Neotec, Germany

**Ms. Michelle Frisch**

Powder Systems Ltd., USA

**Prof. Hamid  
Ghandehari**

Departments of Pharmaceutics  
& Pharmaceutical Chemistry,  
and Bioengineering, University  
of Utah, USA

**Prof. Vinod  
Labhsetwar**

Lerner Research Institute,  
Cleveland, Ohio, USA

**Dr. Dilwyn Patterson**

GEA Process Engineering,  
Southampton, United Kingdom

**Prof. Kannan  
Rangaramanujan**

Centre of Nanomedicine,  
Wilmer Eye Institute, John  
Hopkins School of Medicine,  
Baltimore, MD, USA

**Dr. Matthias Wacker**

Goethe University, Institute of  
Pharmaceutical Technology,  
Frankfurt, Germany

**Sponsorship Opportunities**

The International Symposium is India's premier annual event focusing on Pharmaceutical Research related to drug delivery. The event is attended every year by more than 200 delegates from across academia and industry. The participation from the research students is phenomenal with more than 100 poster presentations every year.

During this event, CRSIC invites well known and distinguished speakers from premier research and development organisations from across the world. Sponsors will have the opportunity to interact with these international speakers at a special dinner being organised for this purpose.

Sponsoring at this event is a great opportunity for Indian companies to gain visibility across all stakeholders - international speakers, students, academia, pharma companies, excipient manufacturers and the like. The students are the future of our industry and the brightest of them attend this event and so we invite you to sponsor this event and come and interact with them so that you can spot early talent and at the same time support CRSIC in its mission to promote education and R&D in drug delivery ( [www.crsic.org](http://www.crsic.org)).

**Sponsorship Modalities**

<b>Platinum Sponsorship</b> Patron Membership of CRS-IC to the Managing Director 5 Free Registrations Banner at Prominent Locations Publicity on the Official Website of CRS-IC	Rs. 5,00,000/-
<b>Gold Sponsorship</b> 3 Free Registrations Banner at Prominent Location Publicity on the Official Website of CRS-IC	Rs. 3,00,000/-
<b>Silver Sponsorship</b> 2 Free Registrations Banner at Prominent Location Publicity on the Official Website of CRS-IC	Rs. 2,00,000/-
<b>Technology Showcase (20 mins. Podium Presentation)</b>	Rs. 1,50,000/-
<b>Table Exhibit (per day)</b>	Rs. 1,00,000/-

We invite you to participate in this event and take advantage of the sponsorship opportunities offered.

Kindly contact us at: [president.crsic@gmail.com](mailto:president.crsic@gmail.com).

**Payment Details:**

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