

The Department of Pharmaceutical Chemistry comprises the opportunities in Pharmaceutical Chemistry for high impact Drug Discovery and Design for human betterment. . It has two M.Pharm branches Pharmaceutical Quality assurance and pharmaceutical analysis. The thrust areas of the department are computational, analytical, synthesis, phytochemistry and nanotechnology. The Department offers excellent infrastructure with sophisticated instruments like UV,IR, HPLC and GC. It also have a license for Maestro Glide software Schrodinger. The Department has established a consultancy services that provides services for the instrumental analysis of the drug products and docking studies.

#### About the workshop

Drug discovery & development is a challenging task that requires collective input from several scientific disciplines. Application of reverse pharmacology in the research raise the role of *in silico* screening. In the light of its importance, the Department of Pharmaceutical Chemistry is glad to invite you for an eventful interaction at the workshop on "MOLECULAR DOCKING STUDIES IN DRUG DISCOVERY" and a hands on training on Glide software through which the beginners can focus a bird eye view of the application of docking in drug discovery.

#### Theme/ Scope of the Event:

To augment knowledge base in the focused area of molecular modelling, QSAR and drug design to the young educators in the pharma field.

To illuminate the delegates about the rational use of GLIDE software in drug discovery.

#### Major Attractions:

Hands on training on Molecular Docking Studies includes

- Ligand Preparation
- Protein Preparation
- Ligand docking
- QikProperties
- Analysis of the docking result.

Resource Person Mr. Vinoth Devaraji Application Scientist Schrodinger, Bengaluru.	
Programme schedule- 26.02.2019	
Time	Event
9.00-10.30	Introduction about docking studies
10.30-10.45	Tea Break
10.45-12.00	Hands-on Ligand Preparation
12.00-13.00	Lunch
13.00-14.00	Hands-on training on Ligand preparation
14.00-15.45	Hands-on training on Protein preparation
Programme schedule- 27.02.2019	
Time	Event
9.00-10.30	Hands-on training on Ligand docking
10.30-10.45	Tea break
10.45-12.00	Hands-on training on Ligand docking
12.00-13.00	Lunch
13.00-14.00	Analysis of docking
14.00-15.00	Interaction
15.00-15.30	Tea

Own Laptop is compulsory for best practice  
Required configuration  
Processor: CoreI5 and above  
RAM :4GB  
Graphics Card: 1 GB NVIDIA [ minimum]  
HDD: 500GB  
OS: 64 bit windows or linux OS only 64 bit are supported

Own arrangement should be made for Travel & Accommodation .  
Photocopies of the Registration form can be used  
For registration contact  
Dr.S.Gayatri- mobile number: 9445264578  
Mrs.S.Deepa- mobile number: 9003472722  
Conference mail ID: chemconfop@gmail.com



**SRI RAMACHANDRA**

Institute of Higher Education and Research  
(Deemed to be University)  
Porur, Chennai-116

**FACULTY OF PHARMACY**  
**DEPARTMENT OF PHARMACEUTICAL CHEMISTRY**

**CHEMCON 2019**

Workshop on

**"MOLECULAR DOCKING STUDIES IN DRUG DISCOVERY"**

Theme: Application of Software in Target Based Drug Discovery

#### Date

26<sup>th</sup> and 27<sup>th</sup> February 2019

#### Venue

Gallery Hall, Ground Floor  
Faculty of Pharmacy  
Sri Ramachandra  
Institute of Higher Education and Research  
(Deemed to be University)  
Porur, Chennai-116

#### Organised by

Department of Pharmaceutical Chemistry  
Faculty of Pharmacy  
Sri Ramachandra  
Institute of Higher Education and Research  
(Deemed to be University)  
Porur, Chennai-116



## CHEMCON 2019

Workshop on

### "MOLECULAR DOCKING STUDIES IN DRUG DISCOVERY"

*Theme: Application of Software in Target Based Drug Discovery*

Date : 26<sup>th</sup> and 27<sup>th</sup> February 2019

#### REGISTRATION FORM

Name: DR/Mr/Ms/Mrs

Sex: M/F

Qualification:

Institution:

Official Address:

Mobile:

Email.ID

Registration fee details (tick): By cash/DD for Rs:

2500/ in favour of " The Registrar, Sri

Ramachandra Institute of Higher Education and

Research, payable at Chennai.

DD no:

DD drawn on:

Bank Name:

Date:

Place:

## ADVISORY COMMITTEE

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Chancellor

**Thiru R.V.Sengutuvan**  
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and Dean (Research)

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### Convenors

**DR.D.Chamundeeswari**  
Principal  
Faculty of Pharmacy

**DR. K.Chitra**  
Vice Principal  
Faculty of Pharmacy

**DR.K.Sujatha**  
Professor  
Faculty of Pharmacy

### **Organizing committee Members**

**DR.Shabna Roupal Morais**

**DR.C.Vinodhini**

**DR.N.Gopinathan**

**DR. S.Gayatri**

**DR.K.Mythili**

**DR.S.Prema**

**Mr.M.Murugan**

**Mr. R.Nanthakumar**

**DR. T.Sheelarani**

**Mrs.S. Deepa**

**Mrs.R. Jasmin Sajini**

### **Prospective Delegates:**

Faculty Members , Research scholars ,PG and UG students

Number of Participants: Limited to 60(First come first serve basis)

### **Calendar of Events:**

**Last date of registration:15.02.2019**

**Intimation of selection : 20.02.2019**

### **Registration:**

Registration form duly filled by the delegates along with DD may be addressed to the HOD, Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Sri Ramachandra Institute of Higher Education and Research, payable at Chennai. The fee includes refreshment, lunch, delegate kit and certificate.

### **About the Institution**

Sri Ramachandra Institute of Higher Education and Research (Deemed to be University) was established in the year 1985 as part of the Sri Ramachandra Education & Health Trust under the leadership of Shri N.P.V. Ramasamy Udayar. Over three decades, the institution has transformed into a full-fledged university with nine constituent colleges/faculties and around 114 courses in the health care sciences. More than 4300 students receive teaching and training within the University campus. SRIHER is committed to advancement of medical education, healthcare and research and is set to achieve a greater level of excellence in all these fields. The National Assessment and Accreditation Council (NAAC), an accrediting body of the UGC, has accredited SRIHER with 'A' grade with a CGPA of 3.62 on a four point scale. The Joint Commission International (JCI) has accredited the University teaching hospital, the first teaching hospital in India to obtain such accreditation from JCI.

**Faculty of Pharmacy**, a constituent college of SRIHER, started in 1993, has taken rapid strides in the last two decade with the aim of providing a perfect ambience for the pursuit of excellence in pharmacy education and research. It is in the silver jubilee year. The institution offers B.Pharmacy, M.Pharmacy degree in six branches (Pharmacy Practice, Pharmaceutics, Pharmaceutical Quality Assurance, Pharmacognosy, Pharmaceutical Analysis and Pharmacology), Pharm.D (Doctor of Pharmacy) and Pharm.D (Post BaccaLaureate) programs.The B.Pharm, Pharm.D and Pharm.D (Post BaccaLaureate) courses are approved by the Pharmacy Council of India(PCI), New Delhi, and the M.Pharmacy and B. Pharmacy courses are approved by the All India Council for Technical Education (AICTE), New Delhi. The B.Pharmacy course is accredited by National Board of Accreditation (NBA), AICTE, New Delhi.It has achieved 21<sup>st</sup> place in NIRF 2018 ranking.