

II SIMPÓSIO INTERNACIONAL DE CIÊNCIAS  
FARMACÊUTICAS / II INTERNATIONAL SYMPOSIUM OF  
PHARMACEUTICAL SCIENCES

**Objetivos/Objectives**

Promover a interação de estudantes, profissionais e pesquisadores, visando ampliar o conhecimento, troca de idéias, conceito e inovações na área de Ciências Farmacêuticas. A Programação do Simpósio foi elaborada de modo a abranger as várias linhas de pesquisa desenvolvidas na área de Ciências Farmacêuticas.

To promote interaction among students, professionals, and researchers seeking to expand their knowledge and exchanging idea, concepts and innovation in the field of Pharmaceutical Sciences. The symposium program was designed to cover several research areas.

**Público Alvo/Target audience**

Estudantes, profissionais e pesquisadores da área da saúde./ Students, professionals and researchers in health sciences.

**TEMAS/SUBJECTS**

**Mini cursos- Short courses.**

- Tecnologia Farmacêutica/ Pharmacemutical Technology
- Farmacogenética e Farmacogenômica/ Pharmacogenetics and Pharmacogenomics

**Conferências/Conferences**

- Como a biologia celular pode apontar novos alvos para a quimioterapia de doença causadas por protozoários / How cellular biology may point out new targets for chemotherapy of diseases caused by protozoa
- Toxicidade de compostos de produtos naturais obtidos a partir de plantas / Toxic endpoints for natural compounds from plants
- Sistemas nanoestruturados / Self-assembly strategies in nanomedicines
- Características biológicas de células tronco / Biological characteristics of stem cells
- Determinação de estado sólido e conteúdo amorfo/cristalino de fármacos por métodos termoanalíticos/ Novel solid state and amorphous/crystalline content of drugs by thermal analytical methods
- Desenvolvimento de novos insumos e métodos de diagnóstico / Development of new raw materials and diagnosis methods

**International invited speakers**

- Dr. Alan Riga University of Toledo-Ohio,USA
- Dr. Angel Carracedo,CIBERER-USC- Santiago Compostela, Spain
- Dr. Christine Vouthier, Université Paris-Sud, France
- Dr. Gilles Ponchel, Université Paris-Sud, France
- Dr. José Luis Milan,Sanford Burnham Institute for Medical Research-Califórnia,USA
- Dr. Maria Brion Martinez,CIBERER-USC and CHUS, Santiago de Compostela, Spain
- Dr. Stephan Pflugmacher, Technical University of Berlin, Germany

**INFORMAÇÕES/INFORMATION**

Secretaria do PPgCF  
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**INSCRIÇÕES / REGISTRATION**

[www.posgraduacao.ufrn.br/ppgcf](http://www.posgraduacao.ufrn.br/ppgcf)

TAXA DE INSCRIÇÃO/ REGISTRATION FEES	CATEGORIA/CATEGORY	RECEBIMENTO ATÉ/ Up to 10/10 (R\$)	RECEBIMENTO APÓS / AFTER 10/10 (R\$)
	Profissionais/ Professionals	150,00	200,00
	Estudantes de pós-graduação/ Graduate Students	75,00	100,00
	Estudantes de graduação/ Under Graduate Students	50,00	75,00

**Realização/Host Organization**

**PPgCF**

**Parceiro/Partner**

**OBJETIVA**  
Eventos

**Patrocinadores/Sponsors**



**Apoio/Support:**



**Post-Graduate Program on  
Pharmaceutical Sciences**

**II INTERNATIONAL  
SYMPOSIUM  
OF PHARMACEUTICAL  
SCIENCES**

Challenge and opportunities for  
new diagnosis methods and  
pharmaceutical products

**November 3-5, 2011**  
Imirá Plaza Hotel, Natal(RN) , Brazil  
[www.imiraplaza.com.br](http://www.imiraplaza.com.br)



**2011 SYMPOSIUM ORGANIZING COMMITTEE**

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**Arnóbio Antônio da Silva Júnior**

Post-Graduate Program on Pharmaceutical Sciences

Health Sciences Center

Federal University of Rio Grande do Norte, Brazil

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Toshiyuki Nagashima Júnior, UFCG-CG/PB

## **SCIENTIFIC PROGRAM**

### **Thursday, November 3<sup>rd</sup>, Morning**

#### **8:00-8:50-Registration**

#### **9:00-12:00 – Short-course A**

##### **Pharmaceutical Technology**

Dr. Anselmo Gomes de Oliveira, UNESP, Araraquara, Brazil

#### **9:00-12:00 – Short-course B**

##### **Pharmacogenetics and Pharmacogenomics**

Dr. Angel Carracedo, CIBERER-USC, Santiago Compostela, Spain

Dr. Maria Brion Martinez, CIBERER-USC and CHUS, Santiago Compostela, Spain

#### **Lunch 12:00-14:00**

### **Thursday, November 3<sup>rd</sup>, Afternoon**

#### **14:30-16:50 – Challenge and opportunities for**

**new diagnosis methods and pharmaceutical**

**products in Brazil: An approach to the North**

**and Northeast:** CAPES, ABCF, INCT-IF, LAFEPE, LTF, FAPERN, PPG, PROPESQ, NUPLAM, PPgDITM, PPGCF

#### **18:00-18:50- Opening Cerimonial**

#### **19:00-19:50 – Opening Conference: How cellular**

**biology may point out new targets for**

**chemotherapy of diseases caused by protozoa**

Dr. Wanderley de Souza, UFRJ, Rio de Janeiro, Brazil

### **Friday, November 4<sup>th</sup>, Morning**

#### **9:00-9:50 – Conference 1**

##### **Toxic Endpoints for Natural Compounds from**

##### **Plants**

Dr. Stephan Pflugmacher, Technical University of Berlin, Germany

#### **10:00 - 12:00 - Round discussion 1**

##### **Experimental Toxicology**

Dr. Stephan Pflugmacher, Technical University of Berlin, Germany

Dr. Sandra Helena P. Farsky, USP, Brazil

Dr. Ione Palegatti Lemonica, UNESP-SP, Brazil

**Chairwoman:** Dr. Aline Schwarz, UFRN, Brazil

#### **10:00 - 12:00 - Round discussion 2**

##### **Fungal Infections: Epidemiology and Advances of Molecular and Immunological diagnosis**

Dr. Analy Salles de Azevedo Melo, UNIFESP- SP, Brazil

Dr. Guilherme Maranhão Chaves, UFRN, Brazil

Dr. Bodo Wanke, Fiocruz-RJ, Brazil

**Chairwoman:** Dr. Eveline Pipolo Milan, UFRN, Brazil

#### **Lunch 12:00-14:00**

### **Friday, November 4<sup>th</sup>, Afternoon**

#### **14:00-14:50 – Conference 2**

##### **Self-Assembly Strategies in Nanomedicines**

Dr. Gilles Ponchel, Université Paris-Sud, France

#### **15:30-17:00 – Round discussion 3**

##### **Physicochemical Design and Biological Evaluations of Nanocarriers**

Dr. Anselmo Gomes de Oliveira, UNESP-SP-Brazil

Dr. Christine Vouthier, Université Paris-Sud, France

Dr. Ricardo Bentes de Azevedo, UNB- Brasília-Brazil

**Chairman:** Dr. Eryvaldo Sócrates Tabosa do Egito,

UFRN, Brazil

#### **15:30 - 17:00 - Round discussion 4**

##### **Infectious and Parasitic Diseases**

Dr. Paulo César Peregrino Ferreira, ICB-UFMG-MG, Brazil

Dr. Maria Norma Melo, ICB-UFMG-MG, Brazil

**Chairman:** Dr. Egler Chiari, ICB-UFMG, Brazil

#### **17:00 –17:30 - Poster Session**

#### **17:30-18:50 – Round discussion 5**

##### **Pharmaceutical Assistance**

Dr. Marta Maria de França Fonteles, UFC-CE, Brazil

Dr. Marení Rocha Farias, UFSC-SC, Brazil

**Chairwoman:** Dr. Maria Cleide Ribeiro Dantas de Carvalho, UFRN, Brazil

### **Saturday, November 5<sup>th</sup>, Morning**

#### **9:00-9:50 – Conference 3**

##### **Biological Characteristics of Stem Cells**

Dr. Primavera Borelli, USP-SP, Brazil

#### **10:00 - 11:30 – Round discussion 6**

##### **Natural products as a Source of Anti-Infective Agents**

Dr. Claudia Maria Oliveira Simões, UFSC-SC, Brazil

Dr. Mário Steindel, UFSC-SC, Brazil

**Chairwoman:** Dr. Silvana Zucolotto Langassner, UFRN, Brazil

#### **10:00 - 12:00 - Round discussion 7**

##### **Chronic and Degenerative Diseases**

Dr. José Luis Milan, Sanford Burnham Institute for Medical Research-California, USA

Dr. Mário Hiroyuki Hirata, USP-SP, Brazil

Dr. Angel Carracedo, CIBERER-USC, Spain

**Chairwoman:** Dr. Adriana Augusto de Rezende, UFRN, Brazil

#### **Lunch 12:00-14:00**

### **Saturday, November 5<sup>th</sup>, Afternoon**

#### **14:00 - 14:50 - Conference 4**

##### **Novel solid state and amorphous/ crystalline content of drugs by thermal analytical methods**

Dr. Alan Riga University of Toledo, Ohio, USA

#### **15:30 - 17:00 – Round discussion 8**

##### **Challenges for Quality Control of Pharmaceutical Products of Biological Origin**

Dr. Sérgio Luiz Dalmora, UFSM-RS, Brazil

Dr. Rui Oliveira Macedo, UFPB-PB, Brazil

Dr. Terezinha de Jesus Andreoli Pinto, USP-SP, Brazil

**Chairwoman:** Dr. Ana Paula Barreto Gomes, UFRN, Brazil

#### **15:30 - 16:20 - Conference 5**

##### **Development of Materials and Diagnosis-Methods**

Dr. Marcelo Dias Baruffi, USP, Ribeirão Preto-SP, Brazil

#### **16:30 - 17:00 - Poster Session**

#### **18:00 - Closing Session**