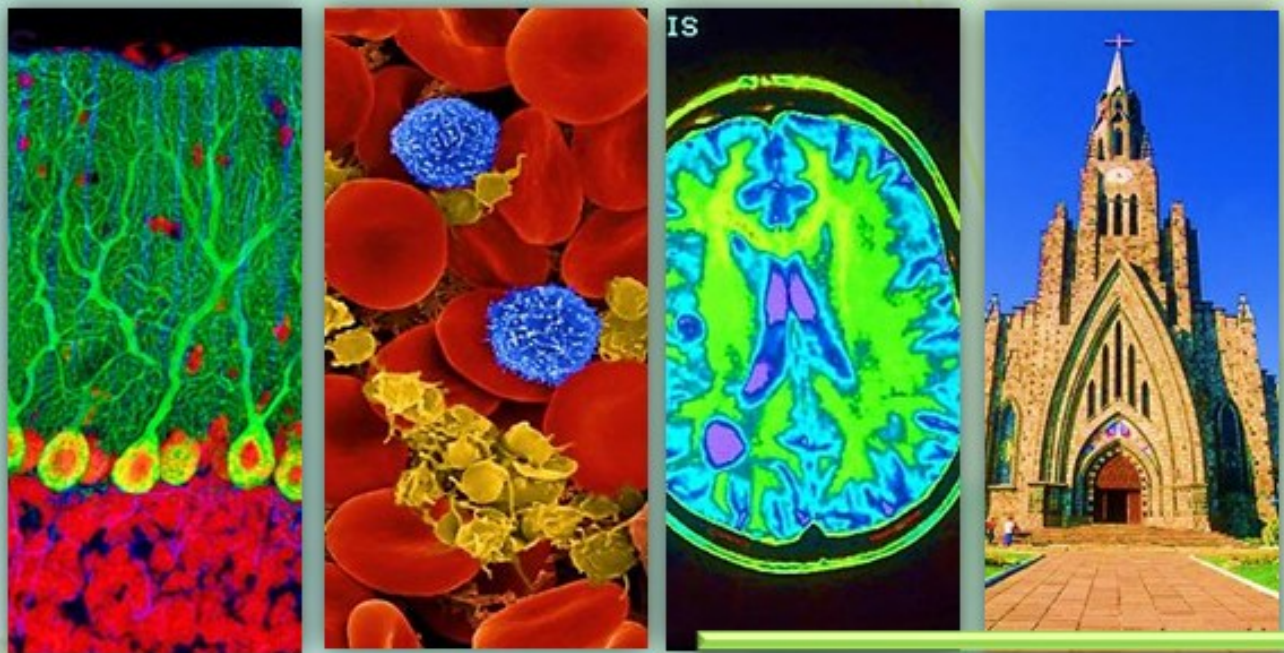




CLUBE DE PURINAS
BRASIL

4th Brazilian Purine Club Meeting

*Perspectives of Purinergic Signaling: From Structures to Functions
and Translational Research*



GRAND HOTEL CANELA, on September 6 - 8, 2013, in
CANELA, Rio Grande do Sul, Brazil





DIA 06 DE SETEMBRO DE 2013 Manhã	10h - 12h ENTREGA DO MATERIAL
DIA 06 DE SETEMBRO DE 2013 Tarde RECEPTORES	<p>14h - Cerimônia de Abertura</p> <ul style="list-style-type: none"> ▪ HENNING ULRICH - (USP) <p>14h15min - Conferência de Abertura</p> <ul style="list-style-type: none"> ▪ RODRIGO CUNHA (Universidade de Coimbra, Portugal) Control by ATP-derived adenosine and A2A receptors of neuron-glia interaction: relevance for cognition and schizophrenia <p>15h - 15h30min Simpósio - Moderador</p> <ul style="list-style-type: none"> ▪ ANA VENTURA - (UFF) <p>Conferência (25 min + 5 min)</p> <ul style="list-style-type: none"> ▪ IRACI LUCENA DA SILVA TORRES - (UFRGS) "Temporal pattern on the extracellular ATP metabolism: possible adrenergic modulation". <p>15h30min Coffee Break</p> <p>16h - 17h Quatro Comunicações Orais (10 min + 5 min)</p> <ol style="list-style-type: none"> 1. ADALBERTO ALVES DE CASTRO (UNESC) "Involvement of A2A adenosine receptors in a rat model of Parkinson's Disease". 2. MARIANA RODRIGUES PEREIRA (UFF) "Regulation of A1 adenosine receptor expression in retinal cell cultures". 3. CAMILA CABRAL PORTUGAL (UFF) "Adenosine receptors regulate ascorbate transport in retinal cells". 4. TALITA GLASER - (USP) "Purinergic receptors in proliferation and neural differentiation of embryonic stem cells." <p>17h - 19h Primeira Sessão de pôster</p> <p>20h30min – Coquetel</p>

DIA 07 DE SETEMBRO DE 2013
Manhã

RECEPTORES/NUCLEOTIDASES

8h 30min - 10h

Simpósio - Moderador

- **MARIA ROSA CHITOLINA SCHETINGER - (UF SM)**

Conferência (25 min + 5 min)

- **CARLA BONAN (PUCRS)** "Ectonucleotidases as pharmacological targets for neurological disorders."

Quatro Comunicações orais

(10 min + 5 min)

1. RAFAEL ZANIN - (PUCRS)

"P2X7 receptor in a mouse model of irritant contact dermatitis and on macrophages exposed to homocysteine".

2. EDGAR PAREDES-GAMERO (UNIFESP)

"Differentiation of hematopoietic stem cell and myeloid populations by ATP is modulated by cytokines."

3. CLAUDIANA LAMEU - (USP)

"Implications of extracellular nucleotides in cancer stem cell recruitment to the bone marrow."

4. JAMILE GONÇALVES (UF SM)

"NTPDase and 5-nucleotidase activities from synaptosomes and platelets of rats exposed to cadmium and treated with N-acetylcysteine"

10h Coffee Break

10h30min -12h

Simpósio - Moderador

- **FERNANDA MORRONE - (PUCRS)**

Conferência (25 min + 5 min)

- **GUIDO LENZ - (UFRGS)**

"Extracellular ATP reduces tumor sphere growth and cancer stem cell population in glioblastoma cells"

11h00min - Quatro Comunicações Orais

(10 min + 5 min)

1. ISIS MORAES ORNELAS (UFF)

"Coordinated cell cycle regulation by nucleotides and IGF-I in retinal progenitors"

	<p>2. MARINA PETERSEN GEHRING (PUCRS) "P2X7 receptor participates in radiotherapy-induced cell death on radiosensitive glioma cells."</p> <p>3. ARQUIMEDES CHEFFER (USP) "Importance of tyrosine and threonin residues in regulation of human P2X4 receptor activity."</p> <p>4. Apresentação de pôster selecionado pela Comissão Científica</p> <p>-Ana Carolina Morandini (UFRJ) <i>Porphyromonas gingivalis</i> fimbriae limits ATP-induced IL-1β secretion by macrophages in a P2X7-dependent manner</p> <p>12h almoço</p>
<p>DIA 07 DE SETEMBRO DE 2013 Tarde</p> <p>RECEPTORES/NUCLEOTIDASES</p>	<p>14h -15h30min Simpósio – Moderador</p> <ul style="list-style-type: none"> ▪ VERA MARIA MORSCH (UF SM) <p>Conferência (25 min + 5 min)</p> <ul style="list-style-type: none"> ▪ CINTHIA MELAZZO MAZZANTI – (UF SM) "Role of ecto-enzymes in sporadic dementia of Alzheimer type" Quatro Comunicações Orais (10 min + 5 min) <p>1. GIANA COGNATO (PUCRS) "Purinergic system role in prevention/reversion of cognitive deficits".</p> <p>2. ROBERTA SCHMATZ - (UF SM) "Effects of resveratrol on purinergic system of diabetic rats".</p> <p>3. Apresentação de pôster selecionado pela Comissão Científica</p> <p>- Livia Fratini Dutra (UFRGS) Expression profile and biochemical characterization of an ecto-nucleotide pyrophosphatase/phosphodiesterase (E-NPP) in cervical carcinoma cells.</p>

	<p>15h30min - Coffee Break</p> <p>16h-17h Simpósio - Moderador</p> <ul style="list-style-type: none"> ▪ TIANA TASCA – (UFRGS) <p>16h Conferência (25 min + 5 min) JULIANA FIETTO (UFV)- E-NTPDases from Trypanosomatids: biochemical, biological and biotechnological studies</p> <p>16h30min Duas comunicações orais (10 min + 5 min)</p> <p>1. EDUARDO RICO (UFRGS)</p> <p>“Nucleotidase and adenosine deaminase family in zebrafish: functional and molecular approaches.”</p> <p>2. Apresentação de pôster selecionado pela Comissão Científica</p> <p>- Camila Cabral Portugal (UFF) Adenosine stimulates ascorbate release in retinal cultures.</p> <p>17h -19h Segunda sessão de pôster</p> <p>19h Assembleia do Clube de Purinas</p>
<p>DIA 08 DE SETEMBRO DE 2013 Manhã</p> <p>SINALIZAÇÃO DE PURINAS EM EVENTOS IMUNOLÓGICOS E INFLAMATÓRIOS – SALA 02</p>	<p>DIA 08 DE SETEMBRO DE 2013 Manhã</p> <p>PURINAS DA GUANINA E SINALIZAÇÃO EM EVENTOS IMUNOLÓGICOS E INFLAMATÓRIOS – SALA 01 PURINAS DA GUANINA - SALA 01</p>
<p>Quatro palestras (25 min + 5 min) Moderador</p> <ul style="list-style-type: none"> ▪ RODRIGO RESENDE <p>1. ADAIR SANTOS (UFSC) “Effect of purine nucleosides adenosine and inosine in the control of acute and chronic inflammation”</p>	<p>8h30min-10h Simpósio – Moderador</p> <ul style="list-style-type: none"> ▪ CARLA INÊS TASCA - (UFSC) Guanine Derivatives functions in the brain <p>1. CARLA INÊS TASCA (UFSC) - "Protective effects of guanosine via interaction with BK potassium channels".</p>

2. TAMARA LAH TURNSEK

(National Institute of Biology, Ljubljana, Slovenia)
 “Glioblastoma invasion: Possible impact of mesenchymal stem cells as part of tumour microenvironment”

3. DANIELA BITENCOURT ROSA LEAL (UFMS)

“Lung cancer alters the adenine nucleotide hydrolysis in platelets and lymphocytes”

4. ANA MARIA OLIVEIRA BATTASTINI (UFRGS)

“The role of ecto-nucleotidases in bladder cancer progression”

2. FÉLIX ALEXANDRE ANTUNES SOARES (UFMS)

“Neuroprotective effect of guanosine on behavioral parameters in rats subjected to TBI”.

3. MARCELO GANZELLA (UFRGS)- “Brain functional and plastic changes associated to chronic GMP administration”.**4. THARINE DAL-CIM (UFSC)** “Guanosine controls inflammatory pathways to afford neuroprotection against ischemia”.**5. ANDRÉ QUINCOZES (UFRGS)** “Antioxidant effects of guanosine in glial cells”.

10:30 - Coffee Break

10:30 - Conferência

1. ANA LÚCIA SEVERO RODRIGUES (UFSC)

“Mechanisms involved in the antidepressant-like effect of guanosine”.

11hs - Palestra de Encerramento

FRANCISCO CIRUELA (UB, Espanha).

“Adenosine receptors signalling in the brain”

12h - Cerimônia de Encerramento

DIA 08 DE SETEMBRO DE 2013 - Tarde

14h MESA REDONDA – Moderadores

Henning Ulrich, Robson Coutinho, Ana Ventura, Diogo Onofre Gomes de Souza, Maria Rosa Chitolina Schetinger e Rodrigo Resende.

- Estado da arte do Sistema Purinérgico

- Redes Colaborativas no Brasil

Comissão Organizadora do 4º Encontro Brasileiro de Purinas 2013

