

REGISTRATION OPEN



**10 - 14
JULY
2023**

**SANTOS-SP
Brazil**



International Colloquium on Gap Junctions and Cancer



**Discussing how cellular communication modifies
carcinogenesis and cancer treatment outcomes**

Confirmed Speakers

Elisabete Weiderpass

Director of the International Agency for Research on Cancer (IARC, LYON, FRANCE)



France

- Marc Mesnil
- Laurent Cronier
- Norah Defamie



Belgium

- Mathieu Vinken



Chile

- Juan Saez



Spain

- Trond Aasen
- Maria Mayán
- Arantxa Tabernero



Canada

- Christian Naus
- Dale Laird
- Silvia Panuela
- Sin Wun-Chey



USA

- Elizabeth Yeh
- Jean Jiang
- Lilian Plotkin
- Michael Koval
- Paul Lampe
- Robert Gourdie
- Alexander Birbrair



Brazil

- Ana Paula Lepique
- Roger Chammas
- Silvia Vanessa Lourenço
- Juliano Coelho da Silveira
- Fernando Moreno



Norway

- Edward Leithe

Register now!

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Programme

**July 10th
Monday**



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🕒 **01:30 – 02:00 PM**
Opening Ceremony

🕒 **02:00 – 03:00 PM**
IARC'S mission: cancer research for cancer prevention
🇧🇷 **Elisabete Weiderpass**

🕒 **03:00 – 04:00 PM**
Communication through extracellular vesicles within the tumor microenvironment and its clinical implications
🇧🇷 **Roger Chammas**

🕒 **04:00 – 05:00 PM**
Coffee Break and Posters

🕒 **05:00 – 06:00 PM**
Connexins, pannexins and how they are linked to cancer onset and progression: historical perspectives
🇨🇦 **Dale Laird**

🕒 **06:00 – 07:00 PM**
Connexins Minding the Gap Between Neuronal Migration and Glioma
🇨🇦 **Christian Naus**

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Programme

**July 11th
Tuesday**



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SESSION 1 – CELL COMMUNICATION IN NORMAL AND CANCEROUS MICROENVIRONMENT

Chair: Roger Chammas

🕒 **01:00 – 02:00 PM**

**Mechanisms of communication mediated by small
extracellular vesicles within the ovarian follicle**



Juliano Coelho da Silveira

🕒 **02:00 – 03:00 PM**

Aquaporins and cancer



Silvia Vanessa Lourenço

🕒 **03:00 – 04:00 PM**

**Cross talk between tumor and immune cells involving STAT3
activation through cytokines and extracellular vesicles**



Ana Paula Lepique

🕒 **04:00 – 05:00 PM Coffee Break and Posters**

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SESSION 2 – CONNEXINS, PANNEXINS AND IMPACTS ON CANCER

Chair: Jean Jiang

🕒 **05:00 – 05:30 PM**

**The phosphorylation state of pannexin1 subunit regulates
the permeability of pannexin1 channels**



Juan Saez

🕒 **05:30 – 06:00 PM**

Role of pannexin 1 in regulating inflammation



Michael Koval

🕒 **06:00 – 06:30 PM**

**Pannexin 1 channels promote the tumorigenic properties
of melanoma and glioblastoma multiforme**



Silvia Penuela

🕒 **06:30 – 07:00 PM**

Cx43: a double-edged sword in cancer



Trond Aasen

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Programme

**July 12th
Wednesday**



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SESSION 3 – BRAIN CANCER



Chairs: Marc Mesnil and Christian Naus


-  **01:00 – 02:00 PM**
From proteomics to exosomes: The tale of a Cx43 implication in glioma invasion
  **Marc Mesnil**

-  **02:00 – 02:30 PM**
Mimicking specific Connexin43 functions to fight against brain tumors
 **Arantxa Tabernero**

-  **02:30 – 03:00 PM**
Implication of Cx43 in the invasive process of human glioblastoma cells
  **Norah Defamie**

-  **03:00 – 03:30 PM**
Cx43 in the tumor microenvironment: from in vivo to 3D
 **Sin Wun-Chey**

-  **03:00 – 03:30 PM**
Peripheral nervous system in the war against cancer
 **Alexander Birbrair (online talk)**

-  **04:00 – 05:00 PM** **Coffee Break and Posters**

Programme

**July 13th
Thursday**



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SESSION 5 – OTHER CANCERS

Chairs: Maria Mayán

🕒 **09:00 – 09:30 AM**

Connexins, pannexins and their channels in liver cancer

 **Mathieu Vinken**

🕒 **09:30 – 10:00 AM**

The E3 ubiquitin ligase ITCH negatively regulates intercellular communication via gap junctions in cervical cancer cells by targeting connexin43 for endocytosis and lysosomal degradation

 **Edward Leithe**

🕒 **10:00 – 10:30 PM Coffee Break and Posters**

SESSION 6 – CAN CELL COMMUNICATION IMPACT ON CANCER TREATMENT AND PREVENTION?

Chairs: Maria Dagli

🕒 **10:30 – 11:30 AM**

New approaches based on the use of EVs to overcome resistance to targeted therapies in cancer

 **Maria Mayan**

🕒 **11:30 AM – 12:30 PM**

Gap junction stability regulates pancreas cancer metastasis

 **Paul Lampe (Online talk)**

🕒 **02:00 – 06:00 PM TOUR IN SANTOS city (booking needed)**

🕒 **07:30 PM COMMUNICATION DINNER**

Programme

**July 14th
Friday**



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SESSION 5 – CANCER TREATMENT AND PREVENTION COLLOQUIUM OVERALL DISCUSSIONS AND FUTURE PERSPECTIVES

Chairs: Maria Mayán

 **09:00 – 10:00 AM**

**Targeting connexin43 as an adjunct therapy for chemo and
radiation treatments of cancer**

 **Robert Gourdie**

 **10:00 – 11:00 AM**


Cell Communication and Cancer chemoprevention

 **Fernando Moreno**

 **11:00 AM – 1:00 PM**

General discussion and Future perspectives

Closing ceremony and poster awards

 **12:00 PM**

Meeting adjourns

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