

Volume 1 | Issue 3
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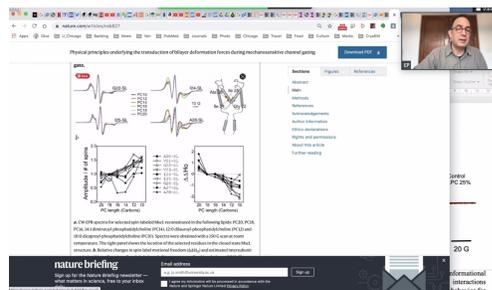
Sociedad de Biofísicos Latino Americanos

<https://www.sobla.net>

“Ciencia detrás del telón, el Journal Club de la SoBLA” (“Science behind the scenes, SoBLA Journal Club”)

Our first Journal Club on June 25th was a success thanks to the support from *Dr. Andrea Calixto*, *Dr. Karen Castillo*, and *Dr. Chiayu Chiu* from the Centro Interdisciplinario de Neurociencia de Valparaíso.

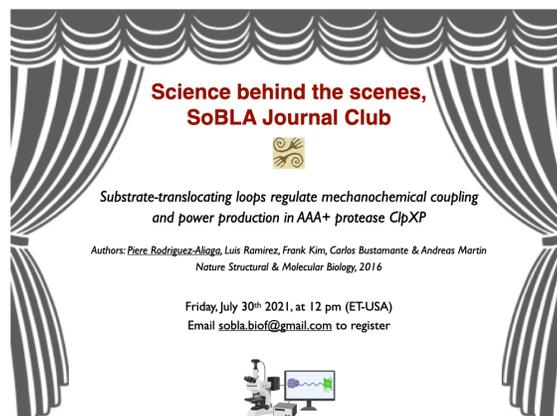
Dr. Eduardo Perozo from the University of Chicago talked about his 2002 paper “Physical principles underlying the transduction of bilayer deformation forces during mechanosensitive channel gating”. We had 55 participants from Argentina, Chile, Colombia, USA, and Venezuela. Eduardo put his paper on the context of what was known before publishing and gave us a Master Class in a friendly atmosphere. If you would like to watch it, here it is the link <https://youtu.be/fQ-73i-HU8k>



The next Journal Club will be on Friday July 30th at 4 pm Coordinated Universal Time (12 pm Chile and USA East, 11 am USA Central, 9 am Pacific, 6 pm Madrid).

Our second speaker would be *Dr. Piere Rodriguez-Aliaga* from Stanford University. Piere will talk about his 2016 NSMB paper “Substrate-translocating loops regulate mechanochemical coupling and power production in AAA+ protease ClpXP”, with co-authors Luis Ramirez, Frank Kim, Carlos Bustamante & Andreas Martin.

If you would like to participate,
send an email
sobla.biof@gmail.com to register
for this monthly event (at no cost).





SoBLA Virtual MiniSymposium

Dr. Pablo Artigas (Texas Tech University) and Dr. Miguel Holmgren (NIH) organized the first “Minisimposio Virtual, SoBLA” (SoBLA, Virtual Mini Symposium) entitled: “*Combinando fluorescencia y electrofisiología para estudiar dinámica: desde proteínas de membrana hasta órganos*”

Wednesday September 8th, at 2 pm Coordinated Universal Time (10 am Chile and USA East, 9 am USA Central, 7 am Pacific, 4 pm Madrid).

Speakers:

- * **Dr. Teresa Giraldez:** Estudio de la función de canales iónicos BK mediante la técnica de patch-clamp fluorometry.
- * **Dr. Ariel Escobar:** Termodinámica de las alternancias de la onda T.
- * **Daniela De Giorgis:** Regulación de las estructuras que censan el voltaje del canal de calcio CaV1.2 por la subunidad auxiliar β .
- * **Dr. Victoria C. Young:** Movimiento del Segmento TM2 de ATPasas Tipo P2 Detectado por "Voltage-clamp Fluorometry" (This talk would be in English).
- * **Dr. Federico Trigo:** La cinética de liberación vesicular en una sinapsis GABAérgica del cerebelo.

If you would like to participate, send an email sobla.biof@gmail.com to register (at no cost).

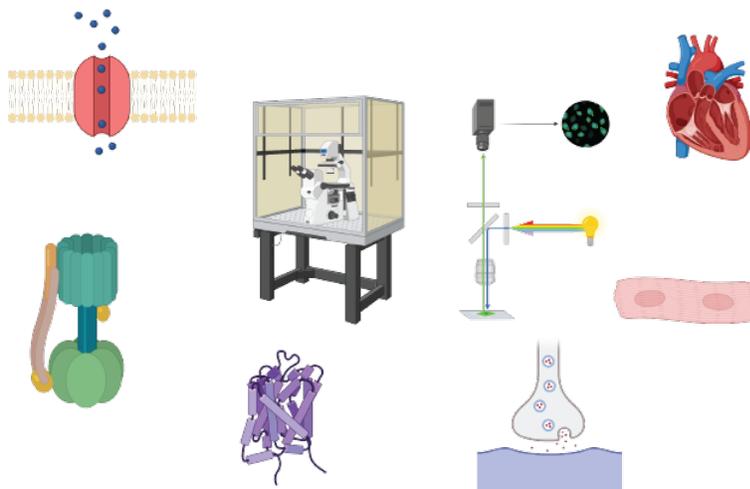
Mini Simposio Virtual, SoBLA

“Combinando fluorescencia y electrofisiología para estudiar dinámica: desde proteínas de membrana hasta órganos”

Organizadores: Dr. Pablo Artigas y Dr. Miguel Holmgren

Fecha: Septiembre 08, 10:00 AM (ET, USA)

Para registrarte escribe a: sobla.biof@gmail.com



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Membership, donations, and initiatives

Thank you so much to the members that renew their memberships and those that became part of the SoBLA for the first time. We really appreciate that during these difficult times you chose to support our Society and trust in our initiatives. If you would like to renew your membership and/or donate, click here: <https://www.sobla.net/membership.html> We are using your financial support to promote the development of Biophysics among Latinx by organizing Travel Awards, Thematic Virtual Meetings, and virtual Journal Clubs.

SoBLA Merchandise

As you might remember, in our last in-person meeting we had a great demand for our SoBLA coffee mugs. *We listened!* Now, the SoBLA has merchandise (coffee mugs, beer glasses, t-shirts) that you can buy from *Art & Love by MoniLange* (<https://www.instagram.com/p/B8PjHctntLb/?igshid=bycyv519ntil> <https://www.sobla.net/merchandise.html>).

A portion ($\approx 15\%$) of the proceeds will be donated to the to the “SoBLA Lecture Endowment Fund”. It is our goal that, through these contributions, SoBLA can accumulate funds to finance travel grants for students and postdocs from Latin American countries to attend the Annual Meetings of the Biophysical Society to present and discuss their work and expand their horizons through exposure to excellent work and learn first-hand from researchers from all around the world.





For more information, please contact Dr. Valeria Vásquez
(vvasquez@uthsc.edu) and follow us on Twitter [@SOBLA_BIOF](https://twitter.com/SOBLA_BIOF)

SoBLA Executive Committee:

Valeria Vásquez, PhD (President)

Miguel Holmgren, PhD (Treasurer)

Jorge Contreras, PhD (Past President)