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*Physiological
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Physiological Mini-Reviews

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Edited by the **Argentine Physiological Society**

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Physiological Mini-Reviews is a scientific journal, publishing brief reviews on "hot" topics in Physiology. The scope is quite broad, going from "Molecular Physiology" to "Integrated Physiological Systems". As indicated by our title it is not our intention to publish exhaustive and complete reviews. We ask to the authors concise and updated descriptions of the "state of the art" in a specific topic. Innovative and thought-provoking ideas are welcome.

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Preparation and Submission of manuscripts:

"Physiological Mini-Reviews" will have a maximum of 2500 words, 30 references and 4 figures. Material will be addressed to scientific people in general but not restricted to specialist of the field. For citations in the text and reference list see Cerejido et al. Vol 1, N° 1. Final format will be given at the Editorial Office. Most contributions will be invited ones, but spontaneous presentations are welcome. Send your manuscript in Word format (.doc) to:
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EDITORIAL: PHYSIOLOGICAL MINI-REVIEWS, FAILURE OR SUCCESS?

Editor in Chief.
Physiological Mini-Reviews.
(safis@safisiol.org.ar)

The first number of "Physiological Mini-Reviews" was published in august 2005. After the first 20 issues, which were published both in the electronic and "on paper" version, we think that an initial assessment can be made.

Physiological Mini-Reviews was planned as a scientific journal that would publish brief reviews on "hot" topics in Physiology. The scope is quite broad, going from "Molecular Physiology" to "Integrated Physiological Systems". As indicated by our title it is not our intention to publish exhaustive and complete reviews. We ask the authors for concise and updated "state of the art" descriptions of the selected topic. This is our specific niche and we believe it has not yet been covered. Innovative and thought-provoking ideas are welcome.

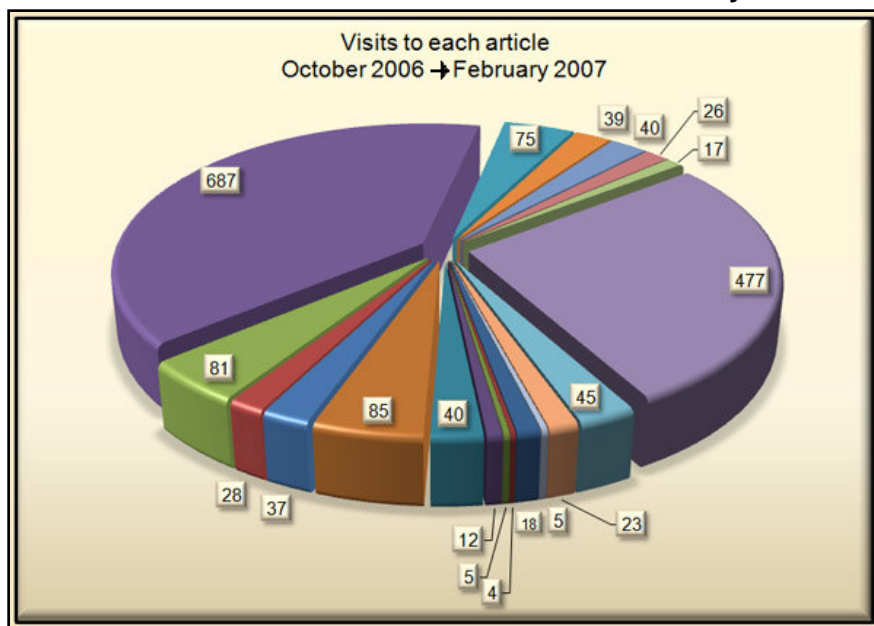
Physiological Mini-Reviews (edited by the Argentine Physiological Society), especially but not exclusively, publishes the work of distinguished Latin-American scientists working either at home or around the world. Our Society founded and edited "Acta Physiologica Latinoamericana", which represented, during many years, the Latin-American contribution to physiological sciences. "Physiological Mini-Reviews" is intended to fill, at least partially, this currently empty space. Are we approaching the previously mentioned goals? Let us take a look at several important points.

Authors' answer to our proposal: Table I shows the list of mini-reviews published up to now. We really think that we have had excellent response. Most but not all of the contributions were invited ones. We think that the excellent level cannot be discussed. The reader can determine whether our scientific objectives have been at least partially fulfilled.

Vol 1 / N° 1	2005; 1: 1-10.	● Na,K-ATPase, the star of epithelial net transports: what do we know about its own polarized distribution.	Cerejido M, Shoshani L, Contreras RG, Larre.
Vol 1 / N° 2	2005; 1: 11-17.	● Natriuretic Peptides: From the Bench to the Bedside and back to the Bench.	De Bold A.
Vol 1 / N° 3	2005; 1: 18-24.	● Na ⁺ /H ⁺ exchanger and myocardial growth.	Cingolani HE, Ennis IL.
Vol 1 / N° 4	2005; 1: 25-34.	● Melatonin as a Prototype of Chronobiotic-Cytoprotective Drugs.	Cardinali DP.
Vol 1 / N° 5	2005; 1: 35-47.	● Neurotransmitter-gated ion channels at fast chemical synapses: from structure to pathology.	Bouzat C.
Vol 1 / N° 6	2006; 1: 48-57.	● Water and Ion Transport in Ocular Tissues.	Candia OA, Alvarez LJ
Vol 1 / N° 7	2006; 1: 58-69.	● Aquaporins in the plant kingdom: the regulatory mechanisms revisited.	Alleva K, Amodeo G
Vol 1 / N° 8	2006; 1: 70-76.	● Role of sarcolemmal ATP-dependent K ⁺ channels in cardiac ischemic injury.	Lascano EC, Negroni JA.
Vol 1 / N° 9	2006; 1: 77-84.	● Discovery of Hypothalamic Hormones Controlling Pituitary Function.	McCann SM.
Vol 1 / N° 10	2006; 1: 85-97.	● The old water channels are aquaporin proteins through which single files of water molecules cross cell membranes.	Gutiérrez AM, Echevarría M, Whittembury G.
Vol 1 / N° 11	2006; 1: 98-104.	● Role of Transforming Growth Factor β1 as Modulator of Endothelial L-Arginine/Nitric Oxide Signalling Pathway.	Vásquez R, Sobrevia L.
Vol 2 / N° 12	2006; 1: 105-114.	● The activation of the Na ⁺ pump by cell swelling.	Venosa RA.
Vol 2 / N° 1	2006; 2: 1-9.	● Sleep and Sensory Information.	Velluti RA, Pedemonte

			M.
Vol 2 / N° 2	2006; 2: 10-18.	● Endocrine Disruptors.	Moguilevsky JA.
Vol 2 / N° 3	2006; 2: 19-26.	● Clinical and experimental evidences for a role of ABC transporters in the mechanisms underlying multidrug resistance in epilepsy.	Lazarowski A, Czornyj L, Girardi E.
Vol 2 / N° 4	November 4-7, 2006.	● Special Number. XXII Latinoamerican and First Ibero-American Congress of Physiological Sciences IBERO-ALACF 2006. Plenary lectures, Thematic Lectures, Symposia Contributions, Poster Presentations.	---
Vol 2 / N° 5	2006; 2: 27-34.	● Olfactory Processing and Alzheimer's Disease.	Guevara-Guzmán R, Franco Lira M, Campos V, Severiano P.
Vol 2 / N° 6	2007; 2: 35-42.	● New aspects of aldosterone action; cardiovascular effects.	Farman N, Jaisser F.
Vol 2 / N° 7	2007; 2: 43-47.	● The Kidney in Aging.	Ferder L.
Vol 2 / N° 8	2007; 2: 48-57.	● The vascular effects of aldosterone.	Cachofeiro V, Miana M, de las Heras N, Martín-Fernández B, Ballesteros S, Lahera V.

“Penetration” into the scientific community: It is evident that the electronic version reaches a



wider range of readers, which cannot be achieved with the “on paper” publications. During the October 2006 – February 2007 we registered 3904 entries to the previously published articles (976 entries /month). Regarding distribution, surveys pointed out that the number of visits to each article was quite variable (**Fig 1**, each sector corresponds to one of the 20 articles yet published) indicating that it was not a random distribution. This is also an excellent result that strongly supports our ongoing efforts.

Financial support: Physiological Mini-Reviews was initially supported by a grant allowed by the “Secretaría de Ciencia y Técnica” from Argentina.

It is planned that, as a second step, we will receive support from different sources: 1) Personal subscriptions; 2) Institutional subscriptions, 3) Links to scientific related companies and 4) Grants from local and international agencies. We are dedicating our effort to the development of points 2, 3 and 4. However, and because our staff is formed by scientists working on a “ad honorem” basis and who have their own work compromised, this task is not advancing as rapidly as we could expect. Due to this situation we are in a “financial neck bottle”, for which point one could provide important support.

If you think that Physiological Mini-Reviews is an important and positive effort you can help us by accepting to post your request for a one year personal subscription in our electronic version (See enclosed form here). For the moment, we kindly ask you to send the “commitment letter” here enclosed. In the next number, we will go back to our standard format. Thank for supporting Physiological Mini-Reviews. Editor in Chief. Physiological Mini-Reviews.