Call for Papers: “Nicotinic Acetylcholine Receptors” Themed Issue

The British Journal of Pharmacology will be publishing a special ‘Themed Issue’ entitled ‘Nicotinic Acetylcholine Receptors’ with Sue Wonnacott, Socrates Tzartos, Neil Millar and Isabel Bermudez as Guest Editors.

The issue will include authoritative state of the art review articles from

- Radu Aricescu: “Mini-review on structures of heteromeric pLGICs”
- Isabel Bermudez: “Intersubunit interactions in the alpha4beta2 nicotinic acetylcholine receptor modulate receptor activation”
- Piotr Bregestovski: “Mini-review with preliminary title "Light in modulation of function of cys-loop receptor channels"
- Michael J. McIntosh: “Mini-review: Alpha9* nAChRs and pain”
- Marios Zouridakis (with P. Giastas & S. Tzartos): “Understanding structure-function relationship of the human neuronal AChR: insights from recent crystal structures of its α2 and α9 subunits”
- Jon Lindstrom: “Advances in the understanding of the structure and functionality of neuronal nicotinic acetylcholine receptors”

This is a call for research papers. The BJP Themed issue/Reviews Senior Editor, Professor G Cirino, and the Guest Editors will be happy to consider for publication original articles containing new (unpublished) findings.

Additional review articles would also be considered but proposals should be submitted in advance of the manuscript for approval and invitation to proceed.

The deadline for submission of manuscripts is 20th February 2017
**Guidelines for Authors of the “Nicotinic Acetylcholine Receptors” Themed Issue**

Submitted manuscripts must conform to standards of the journal; please see the full BJP Guidelines for authors [here](#). Please be aware that submitting an article to the themed issue does not guarantee acceptance. BJP has strict statistical, reporting and ethical standards (see Curtis et al., 2015, and McGrath & Lilley, 2015, in Instructions to Authors) and all papers undergo a rigorous and consistent blind peer review process.

**Aims and Scope of the Themed Issue**

This themed issue is associated with an international conference, nAChRs 2017, to be held in Crete in May 2017, see [www.achr2017.com](http://www.achr2017.com). This conference follows on from three Wellcome Trust-supported conferences on this topic, held at 3 year intervals: 2008, 2011, 2014, which gained recognition as the preeminent international meeting for disseminating new developments in the fundamental understanding of these receptors. Nicotinic receptors continue to excite interest with new discoveries of their functional and structural diversity, making them targets for drug discovery for diverse conditions, including Alzheimer's disease, ADHD and schizophrenia, in addition to their proven role as targets for smoking cessation drugs (nicotine and varenicline) and as agrochemical targets. Thus the majority of research presented at this meeting falls under the umbrella of pharmacology, from structure-function studies to psychopharmacology. Papers related to the science presented at this conference will constitute a topical and appealing themed issue.

We invite BJP readers to contribute to this themed issue on nicotinic receptors by submitting research papers.

The range of studies that will be considered for publication in BJP includes: molecular and cellular pharmacology, psychopharmacology, the structure, heterogeneity, stoichiometry, and modulation of the receptors; their assembly, trafficking and functional properties in neurons, non-neuronal cells and whole organisms (either vertebrate or invertebrate); and drug discovery and pre-clinical models targeting nicotinic receptors for disease entities or related pentameric ligand-gated ion channels. Review papers are being directly commissioned, but further unsolicited proposals for reviews or mini-reviews will be carefully considered.

We encourage you to submit your work to this themed issue and thank you for your interest in BJP.

**Contact Details**

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