

IOSP Publications

Publications Related to Integrative and Organ Systems Pharmacology

NIH-sponsored IOSP Short Courses

Preusch PC (2004) Integrative and Organ Systems Pharmacology: A New Initiative from the National Institute of General Medical Sciences. *Mol Interv* 4:72-73.

[Full text](#) [PDF](#) [Open Access](#)

Bylund DB, et al. (2005) NIGMS-Sponsored Integrative and Organ Systems Pharmacology: Synopsis of the 2005 Experience/Anticipation of the 2006 Short Courses. *Mol Interv* 5:330-333.

[Full text](#) [PDF](#) [Open Access](#)

Shankley N, Cox BF and Brunton LL (2006) Who's Afraid of Ligand-Macromolecule Interactions in Complex Physiological Systems? *Mol Interv* 6:296-299.

[Full text](#) [PDF](#) [Open Access](#)

Need for Training in IOSP

Jobe PC, Adams-Curtis LE, Burks TF, Fuller RW, Peck CC, Ruffolo RR, Snead OC, III and Woosley RL (1994) The essential role of integrative biomedical sciences in protecting and contributing to the health and well-being of our nation. *Physiologist* 37:79-86. Reprinted in *The Pharmacologist*

[PDF](#)

Kristensen AS (2006) Tackling the need to teach integrative pharmacology and physiology: Problems and ways forward. *Trends Pharmacol Sci* 27:130-133.

[Full text](#)

Strange K (2005) The end of "naive reductionism": Rise of systems biology or renaissance of physiology? *Am J Physiol Cell Physiol* 288:C968-C974.

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Walker MJ and Soh ML (2006) Challenges facing pharmacology: The in vivo situation. *Trends Pharmacol Sci* 27:125-126.

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Perspectives from the Pharmaceutical Industry

Collis MG (2006) What is the future role of pharmacologists in the pharmaceutical industry? *Trends Pharmacol Sci* 27:126-129.

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Collis MG (2006) Integrative pharmacology and drug discovery - is the tide finally turning? *Nat Rev Drug Discov* 5:377-380.

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Williams M (2005) Systems and integrative biology as alternative guises for pharmacology: Prime time for an iPharm concept? *Biochem Pharmacol*

