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References

- 1. www.fda.gov/oc/initiatives/criticalpath/whitepaper.html.
- Collis, M. Integrative pharmacology and drug discovery—Is the tide finally turning? *Nat. Rev. Drug Discov.* 5, 377—379 (2006).
- Bylund, D., Brunton, L., Cobett,, Persky, A., and Preusch, P. Integrative and organ systems pharmacology. *Mol. Interv.* 5, 330–333 (2005).
- 4. nobelprize.org/nobel_prizes/medicine/laureates/1988/black-lecture.html.
- 5. Mol. Interv. 6, 231–232 (2006).



Nigel Shankley, PhD, is a Senior Research Fellow at the new Johnson & Johnson Pharmaceutical Research & Development facility in La Jolla. Prior to arriving in La Jolla, he had embarked on a twelve-month internship in pharmacology with Sir James Black in Therapeutic Research

& Development at The Wellcome Research Laboratories in Beckenham, UK—an "internship" that turned out to last over two decades. Earlier this year, he participated in the short course at UCSD (*Systems Pharmacology and Translational Biology*).



Bryan F. Cox, PhD,

is Director of Integrated Pharmacology at Abbott Labs. He has served on the faculty of the summer short course at the University of Nebraska Medical Center.



Laurence L. Brunton, PhD,

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