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Bio

CURRENT ROLE AT STANFORD

Responsible for the scientific service centers in the School of Medicine.

Adviser to the SPARK Program

Publications

PUBLICATIONS

- **Developing Assays for High-Throughput Screening (HTS) A Practical Guide to Drug Development in Academia: The SPARK Approach**
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- **Surface plasmon resonance based assay for the detection and characterization of promiscuous inhibitors** *JOURNAL OF MEDICINAL CHEMISTRY*
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- **A tetrodotoxin-resistant voltage-gated sodium channel from human dorsal root ganglia, hPN3/SCN10A** *PAIN*
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- **PHARMACOLOGY OF A CA²⁺-INFLUX PATHWAY ACTIVATED BY EMPTYING THE INTRACELLULAR CA²⁺ STORES IN HL-60 CELLS - EVIDENCE THAT A CYTOCHROME-P-450 IS NOT INVOLVED** *BIOCHEMICAL JOURNAL*

- Koch, B. D., FAUROT, G. F., Kopanitsa, M. V., Swinney, D. C.
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- **THE ROLE OF STRESS PROTEINS IN MEMBRANE BIOGENESIS** *TRENDS IN BIOCHEMICAL SCIENCES*
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 - **A SUBFAMILY OF STRESS PROTEINS FACILITATES TRANSLOCATION OF SECRETORY AND MITOCHONDRIAL PRECURSOR POLYPEPTIDES** *NATURE*
Deshaies, R. J., Koch, B. D., WERNERWASHBURNE, M., Craig, E. A., Schekman, R.
1988; 332 (6167): 800-805
 - **CHARACTERIZATION OF THE CYCLIC AMP-INDEPENDENT ACTIONS OF SOMATOSTATIN IN GH CELLS .1. AN INCREASE IN POTASSIUM CONDUCTANCE IS RESPONSIBLE FOR BOTH THE HYPERPOLARIZATION AND THE DECREASE IN INTRACELLULAR FREE CALCIUM PRODUCED BY SOMATOSTATIN** *JOURNAL OF BIOLOGICAL CHEMISTRY*
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