

premodern, non-African origin if the multiregional model is true? To date, genetic studies have not shown unequivocal evidence for any alleles in modern populations that are not of recent African origin. Although the distribution of CD4 haplotypes cannot be explained except by a recent single migration out of Africa, they are indeed compatible with Wolpoff's newest version of the multiregional model if one postulates a wave of migration and concomitant gene flow such that all CD4 alleles in preexisting non-African populations have been replaced by the alleles that recently came out of Africa with anatomically modern *H. sapiens*. To us, this is the "out-of-Africa" model.

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Mona with Cigar?

The cartoon by Kazuko Ashizawa (4 Oct., p. 43) illustrating the contents and introduction to "Science in Japan: Competition on campus" is a close adaptation (without credit) of the theme and general form of one of the most dynamic woodblock prints of the great Japanese *ukiyo-e* artist Toshusai Sharaku. The print shows the actors Orani Oniji II and Ichikawa Omezo in the kabuki drama "Nihon-matsu Michinoku-sodachi" ("The Countryman from Nihonmatsu in the North") performed in August 1794.

Sharaku is the ephemeral mystery man of Japanese art history about whom little is known. His work was produced in a 10-month period around 1795, after which he disappeared suddenly (1). The cartoon is analogous to Leonardo da Vinci's "Mona Lisa" depicted smoking a cigar.

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References

1. R. Lane, *Images from the Floating World: The Japanese Print* (Tabard, New York, 1978), pp. 122–127.

Letters to the Editor

Letters may be submitted by e-mail (at science_letters@aaas.org), fax (202-789-4669), or regular mail (*Science*, 1200 New York Avenue, NW, Washington, DC 20005, USA). Letters are not routinely acknowledged. Full addresses, signatures, and daytime phone numbers should be included. Letters should be brief (300 words or less) and may be edited for reasons of clarity or space. They may appear in print and/or on the World Wide Web. Letter writers are not consulted before publication.

Molecular Devices Corporation invites you to enjoy an evening of scientific presentations, poster sessions, and California wine tasting at the Society for Neuroscience meeting

Poster Session Topics 5:30–6:30 p.m.

Neurotrophins and Growth Factors

- Evaluating growth factors in the Cytosensor System (NGF, EGF, TGF- α , GM-CSF)
- CNTF directly activates metabolic rate increases in SH-SY5Y cells
- BDNF signal transduction activation of the truncated trkB isoform, trkB.T1

G-protein Coupled Receptors

- Evaluating β -adrenergic, D_1 - D_4 dopaminergic, and M_1 - M_2 muscarinic receptors

Agonist and Antagonist Profiling

- Use of a single assay system to assess functional coupling of a variety of receptors for agonist and antagonist profiling

Ligand-gated Ion Channels

- Glutamate receptors: direct measurement of neurotransmitter activation of cellular metabolism in cultured hippocampal neurons
- Nicotinic receptors: Long-term exposure of TE671 cells to PMA induces a change in metabolic and calcium responses to nAChR activation.

Signal Transduction Elucidation

- Evaluating signal transduction pathways and other metabolic processes using the Cytosensor System

Immune Factors

- Characterization of the functional activity of CC and CXC human chemokine receptors: functional activity of a novel chemokine receptor, CC-CKR5, identified using microphysiometry.
- Stimulating peripheral blood T cells with anti-CD3 and anti-CD28 results in sustained increases in extracellular acidification rate

Scientific Talks 6:30–7:30 p.m.

Structural Determinants of Cholecystokinin Receptors for Interregulation and Desensitization.

Stephen Wank, M.D.

Senior Investigator
Digestive Diseases Branch, NIDDK, National Institutes of Health, Bethesda, MD

Use of the Cytosensor Microphysiometer System for *In Vitro* Toxicology

Drs. Mohyee and Amira Eldefrawi

Professors
Dept. of Pharmacology and Experimental Therapeutics,
University of Maryland School of Medicine, Baltimore, MD

Tuesday, November 19, 1996

5:30–7:30 p.m.

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