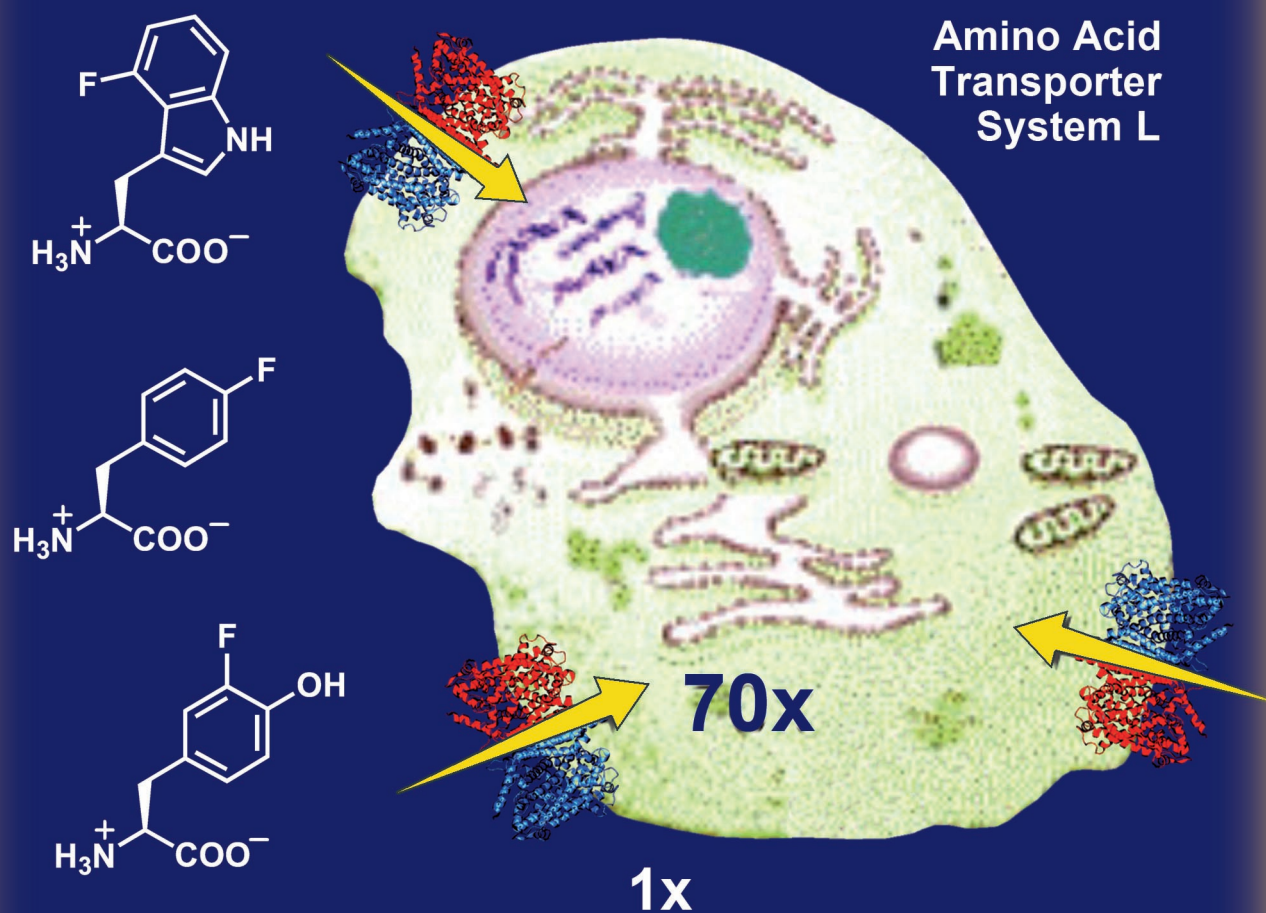


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CHEMISTRY ENABLING DRUG DISCOVERY



9/2008



Minireview: Phenylalkylamines as 5-HT_{2A} Receptor Agonists

(A. R. Blaazer, P. Smid, C. G. Kruse)

Full Paper: Antimicrobial Activity of Antitumor Drugs

(J. Reedijk, G. P. van Wezel)

Cover Picture

**Christoph Giese, Sandra Lepthien, Linda Metzner,
Matthias Brandsch, Nediljko Budisa*, and Hauke Lilie***

The cover picture shows fluorinated aromatic amino acids that exhibit cytostatic activity on tumor cells. These amino acid derivatives are taken up by the cells via the amino acid transport system L. This active process results in a 70-fold accumulation of the fluorinated aromatic amino acids within the cell relative to the surrounding media, which explains why they are biologically active with quite low EC_{50} values. For details, see the Full Paper by N. Budisa, H. Lilie, et al. on p. 1449 ff.

