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## Design and Preparation of New Ligands Interacting with the Histamine H4 Receptor

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# LIST OF ABBREVIATIONS

If possible abbreviations from a list, published by the Journal of Medicinal Chemistry are used: [http://pubs.acs.org/paragonplus/submission/jmcmar/jmcmar\\_abbreviations.pdf](http://pubs.acs.org/paragonplus/submission/jmcmar/jmcmar_abbreviations.pdf)

Explanation for abbreviations not published:

BALB/c, albino, laboratory-bred strain of the House Mouse;

BRET, bioluminescence resonance energy transfer;

CSD, Cambridge Structural Database;

DIPEA, Diisopropyl-N-ethylamine;

GTP $\gamma$ S, guanosine 5'-O-[ $\gamma$ -thio]triphosphate;

HATU, 2-(7-Aza-1H-benzotriazole-1-yl)-1,1,3,3-tetramethyluronium hexafluorophosphate;

H<sub>4</sub>R / hH<sub>4</sub>R, human histamine H<sub>4</sub> receptor;

IgE, immunoglobulin E;

NMRI, immune deficient mouse developed by Lynch et al;

Pd(DPPF)Cl<sub>2</sub>, dichloro[1,1'-bis(diphenylphosphino)ferrocene] palladium (II)  
dichloromethane adduct;

PEI, polyethylenimine;

Ra-Ni, Raney nickel;

SEM, standard error of the mean;

TEA, triethylamine;

TM, trans membrane;