

James N. C. Kew · John A. Kemp

Ionotropic and metabotropic glutamate receptor structure and pharmacology

Published online: 14 September 2005
© Springer-Verlag 2005

Psychopharmacology (2005) 179:4–29

Unfortunately, Fig. 1 was published with an error. An arrow indicated coupling of the Group II mGluRs to G_q/G_{11} rather than the correct coupling to G_i/G_o . The correct version of Fig. 1 is given here.

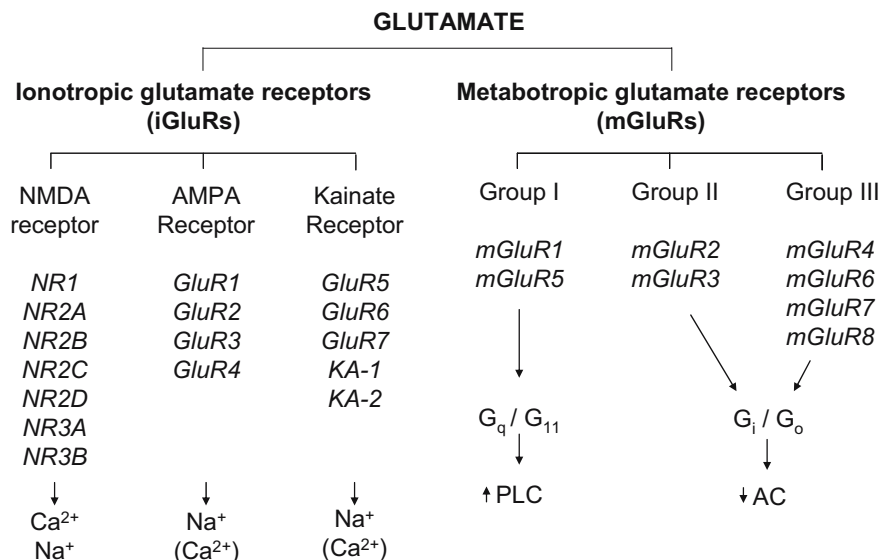


Fig. 1 Overview of the glutamate receptor family, illustrating both the ionotropic and metabotropic glutamate receptors, their known subunits and primary signal transduction mechanism. Glutamate gates cation-permeable ionotropic receptors and activates metabotropic receptors coupled via G proteins to activation of phospholipase C (*PLC*) and inhibition of adenylate cyclase (*AC*) activity

The online version of the original article can be found at
<http://dx.doi.org/10.1007/s00213-005-2200-z>.

J. N. C. Kew (✉)
Psychiatry Centre of Excellence for Drug Discovery,
GlaxoSmithKline,
New Frontiers Science Park,
Third Avenue, Harlow,
Essex, CM19 5AW, UK
e-mail: james_n_kew@gsk.com
Tel.: +44-1279-622150
Fax: +44-1279-875389

J. A. Kemp
Evotec Neurosciences GmbH,
Schnackenburgallee 114,
22525 Hamburg, Germany