

Keywords: He.e. gene au, di aude.; An.ide .e., an., ; D., g-me.abli ing en me; Ne, au an, mi.e. .ece, au

Introduction

Pha mac gene.ic, the , d fh τ gene.ic a ia.i n in tence

in tence d g c ncentral n in al \bigcirc i, e and \neg gan. P-g i highl e le ed in i, e lih basie f nci n, that he BBB, he ei limit the ense fd g in the central ne \bigcirc tence i hat igni can im lical n f \neg the leatment fne if gical di \neg de, a P-g acti i can in tence the energial n f the a ettic agen, and c nuible to cheaten the induced provide the distribution interaction, e eciall in case the emplities a kella ettin d g-d, g interaction, e eciall in case the emplities distribution inhibit \neg f. hit can \neg the d for a allabilities and the distribution a eximption for the distribution for the distribution in the distribution for the distribution of the distribution in tence in field for the distribution of the distribution in the distribution for the distribution of the distribution of the distribution in the distribution of the distribution of the distribution of the distribution of the distribution in the distribution of the distress distribution of the distribution of th

Antidepressant and anti-anxiolytic in Pharmacogenetic

Pha mac gene, ic, , he, , d fh \neg gene, ic a ia, i n, in, ence indi id, al , e, n, e, \neg medica, i n, ha, gained , minence in , he eld f, chia, , a, ic la l in , he c n, e, f an i f, ic and an ide , e, an, e in e, indi id, al a iabili, in d, g, e, n, e and , ide e ec, can be a, ... ib, .ed, \neg gene, ic f m \neg hi, m, a ec, ing d, g me, ab hi, m, ne, \neg an mi.e. a, h, a, , and d, g, a, ge, . Unde, , anding, he e ha mac gene, ic fac, \neg i, c, cial f \neg , ail \neg ing , ea, men, egimen, \neg , imi ing, he a e, ic \neg , c me, and minimi ing ad e, e e ec, in indi id, al , ecei ing an i f, ic and an ide , e, an, [7].

Cytochrome P450 enzymes

Gene.ic a.ia.i n, in .he C., ch. me P450 (CYP) en me, ..., em, a.ic la.l CYP2D6 and CYP2C19, la a, igni can. the in .he me, ab hi m f a.i \bigcirc an i t.ic and an ide .e, an ... P t m \frown hi m in .he een me can.e. l in di e.en me, ab hic hen \frown e (e.g., \frown me, ab hi e., e.en i e me, ab hi e.), in , encing d. g me, ab hi m .a.e and, c n e enl, d. ge cac and ide ec. ... the [8].

Selective Serotonin Reuptake Inhibitors (SSRIs) and Serotonin-Norepinephrine Reuptake Inhibitors (SNRIs)

SSRI and SNRI, c mm nl e c ibed an ide e, an, , ima il ac. n, e \pm nin and n \pm ine h ine a, h a , P t m \pm hi m, in gene enc ding c m nen, f he e a h a ,, ch a he e \pm nin ...an \pm e gene (SLC6A4) and e \pm nin ece \pm gene, can im ac indi id al e n e \pm he e medica i n. Pha mac gene ic e ing can g ide he elect i n f SSRI \pm SNRI ba ed n an indi id al gene ic \pm le, im \pm ing ...ea men, \pm c me [9].

CYP2C19 and antidepressant metabolism

CYP2C19 $\dagger m \tau hi m$ a.e a.ic la.l ele an, f τ an ide e, an, ..., ch a e ci.al τ am and ci.al τ am. Gene.ic a.ia.i n in CYP2C19 can e, l, in al.e.ed me.ab fi m, leading. τ

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a ia, i n in d_{n} g c ncen, a, i n and e_{n} n e. Pha mac gene, ic in igh, hel iden if indi id al h ma e_{n} , i.e. d mean, make na i e medica, i n, achie e minal, he a e, ice ec. [10].

Benzodiazepines and GABA receptors

An i f.ic like ben dia e ine ac. n.he Gamma Amin – B., ic Acid (GABA).ece. τ . Gene.ic a.ia.i n. in GABA.ece. τ b. ni. ma in ence.he.e. n.e. ben dia e ine. Addi.i nall, a.ia.i n. in d. g-me.ab fi ing en me, incl. ding CYP3A4, can im ac. he me.ab fi m. fce..ain ben dia e ine [11].

Conclusion

In c ncl, i n, ha mac gene, ic c n, ide, a, i n, in the te c, i, i n f an i f tic, and an ide te, and the e a timiting a enje f τ e, nali ed , chiat. B, nde, and ing and inc τ traing gene, ic fac, τ in the e, men, deci i n, clinician can this is e, he he a e dic bene to find find the minimi ing the tik f ad e, e e ec, the c number ing the ec, i e and e, nali ed men, al health case.

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