Diagram, map

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Interaction of presynaptic serotonergic, dopaminergic, and glutamatergic terminals with postsynaptic density proteins. 5-HTP, 5-Hydroxytryptophan; 5-HT, 5-hydroxytryptamine; VMAT2, Vesicular monoamine transporter 2; MAO, Monoamine oxidase; SERT, Serotonin transporter; L-DOPA, Levodopa; COMT, Catechol-O-methyltransferase; MAO-B, Monoamine oxidase B; DAT, Dopamine transporter; D2R, Dopamine receptor D2; TCA cycle, Tricarboxylic acid cycle; SNAT1, Sodium-coupled neutral amino acid transporters; EAAT-2, Excitatory amino acid transporter 2; 5-HT2AR, 5-hydroxytryptamine 2 A receptor; MUPP1, multiple PDZ protein 1; PSD-95, Postsynaptic density protein 95; D1R, Dopamine receptor D1; NMDAR, N-methyl-D-aspartate receptor; AMPAR, α-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptor; CAMKII, Ca2+/calmodulin-dependent protein kinase II; GKAP, Guanylate kinase-associated protein; TANK, TRAF Family Member Associated NFKB Activator; SHANK, SH3 and multiple ankyrin repeat domains protein; F-ACTIN, filamentous-actin; mGluR5, Metabotropic glutamate receptor 5; TRPC, Transient receptor potential channels; IP3R, Inositol trisphosphate receptor. Created with BioRender.com, accessed on 26 October 2022.

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