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Prepared by Iboga Healing Portugal

Landmark Studies

Magnesium-ibogaine therapy in veterans with traumatic brain injuries

Cherian KN, Keynan JN, Anker L, et al. — Nature Medicine, 2024; 30(2):373-381

PubMed: https://pubmed.ncbi.nlm.nih.gov/38182784/

Treatment of opioid use disorder with ibogaine: detoxification and drug use outcomes

Brown TK, Alper K — The American Journal of Drug and Alcohol Abuse, 2018; 44(1):24-36

PubMed: https://pubmed.ncbi.nlm.nih.gov/28910152/

Ibogaine treatment outcomes for opioid dependence from a twelve-month follow-up

Noller GE, Frampton CM, Yazar-Klosinski B — The American Journal of Drug and Alcohol Abuse, 2018; 44(1):37-46

PubMed: https://pubmed.ncbi.nlm.nih.gov/28910151/

Addiction Treatment

Ibogaine Detoxification Transitions Opioid and Cocaine Abusers Between Dependence and Abstinence

Mash DC, Duque L, Page B, Allen-Ferdinand K — Frontiers in Pharmacology, 2018; 9:529

PubMed: https://pubmed.ncbi.nlm.nih.gov/29881351/

Treatment of acute opioid withdrawal with ibogaine

Alper KR, Lotsof HS, Frenken GM, et al. — The American Journal on Addictions, 1999; 8(3):234-242

PubMed: https://pubmed.ncbi.nlm.nih.gov/10506904/

The ibogaine medical subculture

Alper KR, Lotsof HS, Kaplan CD — Journal of Ethnopharmacology, 2008; 115(1):9-24

PubMed: https://pubmed.ncbi.nlm.nih.gov/18029124/

Noribogaine (12-hydroxyibogamine): a biologically active metabolite of the antiaddictive drug ibogaine

Baumann MH, Pablo JP, Ali SF, et al. — Annals of the New York Academy of Sciences, 2000; 914:354-368

PubMed: https://pubmed.ncbi.nlm.nih.gov/11085338/

Noribogaine, but not 18-MC, exhibits similar actions as ibogaine on GDNF expression and ethanol self-administration

Carnicella S, He DY, Yowell QV, et al. — Addiction Biology, 2010; 15(4):424-433

PubMed: https://pubmed.ncbi.nlm.nih.gov/20624152/

Ibogaine, an anti-addictive drug: pharmacology and time to go further in development

Maciulaitis R, Kontrimaviciute V, Bressolle FM, Briedis V — Human & Experimental Toxicology, 2008; 27(3):181-194

PubMed: https://pubmed.ncbi.nlm.nih.gov/18650249/

New directions in the treatment of opioid withdrawal

Srivastava AB, Mariani JJ, Levin FR — The Lancet, 2020; 395(10241):1938-1948

PubMed: https://pubmed.ncbi.nlm.nih.gov/32563380/

Neuroplasticity & Growth Factors

Ibogaine Administration Modifies GDNF and BDNF Expression in Brain Regions Involved in Mesocorticolimbic and Nigral Dopaminergic Circuits

Marton S, González B, Rodríguez-Bottero S, et al. — Frontiers in Pharmacology, 2019; 10:193

PubMed: https://pubmed.ncbi.nlm.nih.gov/30930775/

Autoregulation of glial cell line-derived neurotrophic factor expression: implications for the long-lasting actions of ibogaine

He DY, Ron D — FASEB Journal, 2006; 20(13):2420-2422

PubMed: https://pubmed.ncbi.nlm.nih.gov/17023519/

Chronic heroin and cocaine abuse is associated with decreased serum concentrations of NGF and BDNF

Angelucci F, Ricci V, Pomponi M, et al. — Journal of Psychopharmacology, 2007; 21(8):820-825

PubMed: https://pubmed.ncbi.nlm.nih.gov/17715205/

Intraventricular administration of BDNF increases newly generated neurons in the adult olfactory bulb

Zigova T, Pencea V, Wiegand SJ, Luskin MB — Molecular and Cellular Neurosciences, 1998; 11(4):234-245

PubMed: https://pubmed.ncbi.nlm.nih.gov/9675054/

Mechanisms of Action

The mechanistic basis for noncompetitive ibogaine inhibition of serotonin and dopamine transporters

Bulling S, Schicker K, Zhang YW, et al. — The Journal of Biological Chemistry, 2012; 287(22):18524-18534

PubMed: https://pubmed.ncbi.nlm.nih.gov/22451652/

Antagonism of alpha 3 beta 4 nicotinic receptors as a strategy to reduce opioid and stimulant self-administration

Glick SD, Maisonneuve IM, Kitchen BA, Fleck MW — European Journal of Pharmacology, 2002; 438(1-2):99-105

PubMed: https://pubmed.ncbi.nlm.nih.gov/11906717/

Ibogaine: complex pharmacokinetics, concerns for safety, and preliminary efficacy measures

Mash DC, Kovera CA, Pablo J, et al. — Annals of the New York Academy of Sciences, 2000; 914:394-401

PubMed: https://pubmed.ncbi.nlm.nih.gov/11085341/

Mental Health & PTSD

Psychedelic Treatment for Trauma-Related Psychological and Cognitive Impairment Among US Special Operations Forces Veterans

Davis AK, Averill LA, Sepeda ND, et al. — Chronic Stress, 2020; 4

PubMed: https://pubmed.ncbi.nlm.nih.gov/32954002/

Effects of low dose ibogaine on subjective mood state and psychological performance

Forsyth B, Machado L, Jowett T, et al. — Journal of Ethnopharmacology, 2016; 189:10-13

PubMed: https://pubmed.ncbi.nlm.nih.gov/27178633/

Identification of a primary metabolite of ibogaine that targets serotonin transporters and elevates serotonin

Mash DC, Staley JK, Baumann MH, et al. — Life Sciences, 1995; 57(3):PL45-PL50

PubMed: https://pubmed.ncbi.nlm.nih.gov/7596223/

Neurodegenerative Disease

Treatment of Parkinson's disease with trophic factors

Peterson AL, Nutt JG — Neurotherapeutics, 2008; 5(2):270-280

PubMed: https://pubmed.ncbi.nlm.nih.gov/18394569/

Direct brain infusion of glial cell line-derived neurotrophic factor in Parkinson disease

Gill SS, Patel NK, Hotton GR, et al. — Nature Medicine, 2003; 9(5):589-595

PubMed: https://pubmed.ncbi.nlm.nih.gov/12669033/

Glial cell line-derived neurotrophic factor induces neuronal sprouting in human brain

Love S, Plaha P, Patel NK, et al. — Nature Medicine, 2005; 11(7):703-704

PubMed: https://pubmed.ncbi.nlm.nih.gov/16015352/

Regulation of natural cell death in dopaminergic neurons by striatal GDNF in vivo

Oo TF, Kholodilov N, Burke RE — The Journal of Neuroscience, 2003; 23(12):5141-5148

PubMed: https://pubmed.ncbi.nlm.nih.gov/12832539/

Autoimmune & Inflammatory Conditions

Sigma-1 Receptor-Modulated Neuroinflammation in Neurological Diseases

Jia J, Cheng J, Wang C, Zhen X — Frontiers in Cellular Neuroscience, 2018; 12:314

PubMed: https://pubmed.ncbi.nlm.nih.gov/30283302/

High-affinity σ1 protein agonist reduces clinical and pathological signs of experimental autoimmune encephalomyelitis

Oxombre B, Lee-Chang C, Duhamel A, et al. — British Journal of Pharmacology, 2015; 172(7):1769-1782

PubMed: https://pubmed.ncbi.nlm.nih.gov/25409768/

Psychedelics as a novel approach to treating autoimmune conditions

Thompson C, Szabo A — Immunology Letters, 2020; 228:45-54

PubMed: https://pubmed.ncbi.nlm.nih.gov/33039460/
