

Complete Research Bibliography

Ibogaine Studies 1962–2024

A comprehensive compilation of peer-reviewed research on ibogaine and iboga, covering addiction treatment, mental health applications, neuroplasticity mechanisms, and emerging therapeutic uses. All citations include direct links to PubMed or publisher sources.

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1. Addiction Treatment Research

Opioid Dependence

Brown TK, Alper K (2018). Treatment of opioid use disorder with ibogaine: detoxification and drug use outcomes. *The American Journal of Drug and Alcohol Abuse*, 44(1), 24-36.

→ <https://doi.org/10.1080/00952990.2017.1320802>

Mash DC, Duque L, Page B, Allen-Ferdinand K (2018). Ibogaine Detoxification Transitions Opioid and Cocaine Abusers Between Dependence and Abstinence: Clinical Observations and Treatment Outcomes. *Frontiers in Pharmacology*, 9, 529.

→ <https://doi.org/10.3389/fphar.2018.00529>

Alper KR, Lotsof HS, Frenken GM, Luciano DJ, Bastiaans J (1999). Treatment of acute opioid withdrawal with ibogaine. *The American Journal on Addictions*, 8(3), 234-242.

→ <https://doi.org/10.1080/105504999305848>

Noller GE, Frampton CM, Yazar-Klosinski B (2018). Ibogaine treatment outcomes for opioid dependence from a twelve-month follow-up observational study. *The American Journal of Drug and Alcohol Abuse*, 44(1), 37-46.

→ <https://doi.org/10.1080/00952990.2017.1310218>

Baumann MH, Pablo JP, Ali SF, Rothman RB, Mash DC (2000). Noribogaine (12-hydroxyibogamine): a biologically active metabolite of the antiaddictive drug ibogaine. *Annals of the New York Academy of Sciences*, 914, 354-368.

→ <https://doi.org/10.1111/j.1749-6632.2000.tb05210.x>

Stimulant Addiction (Cocaine, Amphetamines)

Lotsof HS, Alexander NE (2001). Case studies of ibogaine treatment: implications for patient management strategies. *The Alkaloids. Chemistry and Biology*, 56, 293-313.

→ [https://doi.org/10.1016/s0099-9598\(01\)56020-4](https://doi.org/10.1016/s0099-9598(01)56020-4)

Alper KR, Lotsof HS, Kaplan CD (2008). The ibogaine medical subculture. *Journal of Ethnopharmacology*, 115(1), 9-24.

→ <https://doi.org/10.1016/j.jep.2007.08.034>

Maciulaitis R, Kontrimaviciute V, Bressolle FM, Briedis V (2008). Ibogaine, an anti-addictive drug: pharmacology and time to go further in development. A narrative review. *Human & Experimental Toxicology*, 27(3), 181-194.

→ <https://doi.org/10.1177/0960327107087802>

Alcohol Dependence

Carnicella S, He DY, Yowell QV, Glick SD, Ron D (2010). Noribogaine, but not 18-MC, exhibits similar actions as ibogaine on GDNF expression and ethanol self-administration. *Addiction Biology*, 15(4), 424-433.

→ <https://doi.org/10.1111/j.1369-1600.2010.00251.x>

He DY, Ron D (2006). Autoregulation of glial cell line-derived neurotrophic factor expression: implications for the long-lasting actions of the anti-addiction drug, Ibogaine. *FASEB Journal*, 20(13), 2420-2422.

→ <https://doi.org/10.1096/fj.06-6394fje>

General Addiction Treatment

Srivastava AB, Mariani JJ, Levin FR (2020). New directions in the treatment of opioid withdrawal. *The Lancet*, 395(10241), 1938-1948.

→ [https://doi.org/10.1016/S0140-6736\(20\)30852-7](https://doi.org/10.1016/S0140-6736(20)30852-7)

Mash DC, Kovera CA, Pablo J, et al. (2000). Ibogaine: complex pharmacokinetics, concerns for safety, and preliminary efficacy measures. *Annals of the New York Academy of Sciences*, 914, 394-401.

→ <https://doi.org/10.1111/j.1749-6632.2000.tb05213.x>

2. Mental Health Research

Depression

Mash DC, Staley JK, Baumann MH, Rothman RB, Hearn WL (1995). Identification of a primary metabolite of ibogaine that targets serotonin transporters and elevates serotonin. *Life Sciences*, 57(3), PL45-PL50.

→ [https://doi.org/10.1016/0024-3205\(95\)00273-9](https://doi.org/10.1016/0024-3205(95)00273-9)

Forsyth B, Machado L, Jowett T, Jakobi H, Garbe K, Winter H, Glue P (2016). Effects of low dose ibogaine on subjective mood state and psychological performance. *Journal of Ethnopharmacology*, 189, 10-13.

→ <https://doi.org/10.1016/j.jep.2016.05.022>

PTSD and Trauma

Davis AK, Averill LA, Sepeda ND, Barsuglia JP, Amoroso T (2020). Psychedelic Treatment for Trauma-Related Psychological and Cognitive Impairment Among US Special Operations Forces Veterans. *Chronic Stress*, 4.

→ <https://doi.org/10.1177/2470547020939564>

Olszewski TM, Varrasse JF (2005). The neurobiology of PTSD: implications for nurses. *Journal of Psychosocial Nursing and Mental Health Services*, 43(6), 40-47.

→ <https://doi.org/10.3928/02793695-20050601-09>

3. Neuroplasticity & Neurotrophic Factors

Marton S, González B, Rodríguez-Botero S, et al. (2019). Ibogaine Administration Modifies GDNF and BDNF Expression in Brain Regions Involved in Mesocorticolimbic and Nigral Dopaminergic Circuits. *Frontiers in Pharmacology*, 10, 193.

→ <https://doi.org/10.3389/fphar.2019.00193>

Lu B, Bhave A (1997). Role of neurotrophins in synapse development and plasticity. *Reviews in the Neurosciences*, 8(1), 1-12.

→ <https://doi.org/10.1515/revneuro.1997.8.1.1>

Angelucci F, Ricci V, Pomponi M, et al. (2007). Chronic heroin and cocaine abuse is associated with decreased serum concentrations of the nerve growth factor and brain-derived neurotrophic factor. *Journal of Psychopharmacology*, 21(8), 820-825.

→ <https://doi.org/10.1177/0269881107078491>

Zigova T, Pencea V, Wiegand SJ, Luskin MB (1998). Intraventricular administration of BDNF increases the number of newly generated neurons in the adult olfactory bulb. *Molecular and Cellular Neurosciences*, 11(4), 234-245.

→ <https://doi.org/10.1006/mcne.1998.0684>

4. Traumatic Brain Injury Research

Cherian KN, Keynan JN, Anker L, et al. (2024). Magnesium-ibogaine therapy in veterans with traumatic brain injuries. *Nature Medicine*, 30(2), 373-381.

→ <https://doi.org/10.1038/s41591-023-02705-w>

5. Mechanisms of Action

Bulling S, Schicker K, Zhang YW, et al. (2012). The mechanistic basis for noncompetitive ibogaine inhibition of serotonin and dopamine transporters. *The Journal of Biological Chemistry*, 287(22), 18524-18534.

→ <https://doi.org/10.1074/jbc.M112.343681>

Glick SD, Maisonneuve IM, Kitchen BA, Fleck MW (2002). Antagonism of alpha 3 beta 4 nicotinic receptors as a strategy to reduce opioid and stimulant self-administration. *European Journal of Pharmacology*, 438(1-2), 99-105.

→ [https://doi.org/10.1016/s0014-2999\(02\)01284-0](https://doi.org/10.1016/s0014-2999(02)01284-0)

Popik P, Layer RT, Fossmo LH, et al. (1995). NMDA antagonist properties of the putative antiaddictive drug, ibogaine. *The Journal of Pharmacology and Experimental Therapeutics*, 275(2), 753-760.

→ PubMed: PMID 7473161

Baumann MH, Rothman RB, Pablo JP, Mash DC (2001). In vivo neurobiological effects of ibogaine and its O-desmethyl metabolite, 12-hydroxyibogamine (noribogaine), in rats. *The Journal of Pharmacology and Experimental Therapeutics*, 297(2), 531-539.

→ PubMed: PMID 11303040

6. Neurodegenerative Disease Research

Peterson AL, Nutt JG (2008). Treatment of Parkinson's disease with trophic factors. *Neurotherapeutics*, 5(2), 270-280.

→ <https://doi.org/10.1016/j.nurt.2008.02.003>

Gill SS, Patel NK, Hotton GR, et al. (2003). Direct brain infusion of glial cell line-derived neurotrophic factor in Parkinson disease. *Nature Medicine*, 9(5), 589-595.

→ <https://doi.org/10.1038/nm850>

Love S, Plaha P, Patel NK, Hotton GR, Brooks DJ, Gill SS (2005). Glial cell line-derived neurotrophic factor induces neuronal sprouting in human brain. *Nature Medicine*, 11(7), 703-704.

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Oo TF, Kholodilov N, Burke RE (2003). Regulation of natural cell death in dopaminergic neurons of the substantia nigra by striatal glial cell line-derived neurotrophic factor in vivo. *The Journal of Neuroscience*, 23(12), 5141-5148.

→ <https://doi.org/10.1523/JNEUROSCI.23-12-05141.2003>

7. Autoimmune & Anti-Inflammatory Research

Jia J, Cheng J, Wang C, Zhen X (2018). Sigma-1 Receptor-Modulated Neuroinflammation in Neurological Diseases. *Frontiers in Cellular Neuroscience*, 12, 314.

→ <https://doi.org/10.3389/fncel.2018.00314>

Oxombre B, Lee-Chang C, Duhamel A, et al. (2015). High-affinity σ 1 protein agonist reduces clinical and pathological signs of experimental autoimmune encephalomyelitis. *British Journal of Pharmacology*, 172(7), 1769-1782.

→ <https://doi.org/10.1111/bph.13037>

Thompson C, Szabo A (2020). Psychedelics as a novel approach to treating autoimmune conditions. *Immunology Letters*, 228, 45-54.

→ <https://doi.org/10.1016/j.imlet.2020.10.001>

8. Antimicrobial Research

Rastogi N, Abaul J, Goh KS, et al. (1998). Antimycobacterial activity of chemically defined natural substances from the Caribbean flora in Guadeloupe. *FEMS Immunology and Medical Microbiology*, 20(4), 267-273.

→ <https://doi.org/10.1111/j.1574-695X.1998.tb01136.x>

Silva EM, Cirne-Santos CC, Frugulhetti IC, et al. (2004). Anti-HIV-1 activity of the Iboga alkaloid congener 18-methoxycoronaridine. *Planta Medica*, 70(9), 808-812.

→ <https://doi.org/10.1055/s-2004-827227>

Yordanov M, Dimitrova P, Patkar S, Saso L, Ivanovska N (2008). Inhibition of *Candida albicans* extracellular enzyme activity by selected natural substances and their application in *Candida* infection. *Canadian Journal of Microbiology*, 54(6), 435-440.

→ <https://doi.org/10.1139/w08-029>

Yordanov M, Dimitrova P, Patkar S, et al. (2005). Ibogaine reduces organ colonization in murine systemic and gastrointestinal *Candida albicans* infections. *Journal of Medical Microbiology*, 54(Pt 7), 647-653.

→ <https://doi.org/10.1099/jmm.0.45919-0>

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