

TARGET SYMPTOMS

at the source



The science behind the symptoms

Neurotransmitters and hormones are the chemical messengers of the body. Mental stress, poor diet, immune activation, and lifestyle can alter these biomarkers and manifest in symptoms.^{1,2}



ANXIOUSNESS/ STRESS

- ✓ GABA^{3,4}
- ✓ Glutamate³



COGNITION/ FOCUSED ATTENTION

- ✓ Acetylcholine⁵
- ✓ Epinephrine⁶
- ✓ Norepinephrine⁷
- ✓ PEA⁶



ENERGY

- ✓ Cortisol⁸
- ✓ Dopamine⁹
- ✓ Epinephrine¹⁰
- ✓ Norepinephrine⁹



IMMUNE

- ✓ Acetylcholine^{10,11}
- ✓ Cortisol⁸
- ✓ Histamine¹²
- ✓ Norepinephrine¹⁰



MOOD

- ✓ Dopamine⁴
- ✓ Norepinephrine¹⁰
- ✓ Serotonin⁴



SLEEP

- ✓ Cortisol⁸
- ✓ GABA¹³
- ✓ Serotonin¹⁴



Fatigue can be caused by depletion of neurotransmitters such as **dopamine, norepinephrine, and epinephrine.**¹⁵



Sleep involves a balance between neurotransmitters that include **GABA** and **serotonin**, and the hormone **cortisol.**^{4,10,14}



Anxiousness and stress can be associated with high levels of stimulating molecules such as **glutamate.**¹⁶

FEEL Energized



AdreCor

Contains non-glandular ingredients important for adrenal health and reducing stress-induced fatigue*

Balance D

Contains ingredients important for the synthesis of dopamine, a catecholamine important for positive affect, mood, cognition, and craving control*

ExcitaPlus

Contains non-glandular ingredients important for adrenal health and reducing stress-induced fatigue* Provides over three times the L-tyrosine and six times the Rhodiola per capsule compared to AdreCor.

Sleep BETTER



Alpha GABA PM

Researched blend of botanicals and 400 mg of L-theanine shown to induce calming brain waves and naturally improve sleep during times of stress*

Calm CP

Decreases cortisol levels and provides ingredients important for calm, sleep, and management of blood sugar*

Kavince® OS

Target the cellular consequences of sleeplessness with a formulation proven to significantly improve both sleep onset and efficiency after the first dose*

PROMOTE Calm



Alpha GABA

Ingredients to promote calm during times of anxiousness while supporting a healthy response to stress, day or night*

GABA Trex

Chewable tablets containing L-theanine, an amino acid shown to reduce stress*

TravaCor

Contains a blend of ingredients shown to improve mood and reduce stress*

References

- Lopresti A, et al. *J Affect Dis.* 2013;148(1):12-27.
- Salim S, et al. *Adv Protein Chem Struct Biol.* 2012;88:1-25.
- Bermundo-Soriano B, et al. *Pharmacol Biochem Behav.* 2012;11(4):752-74.
- Mohler H. *Neuropharmacol.* 2012;62(1):42-53.
- Ferreira-Vieira T, et al. *Curr Neuropharmacol.* 2016;14(1):101-15.
- Xing B, et al. *Brain Res.* 2016;1641(Pt B):217-33.
- Clark K and Noudoost B. *Front Neural Circuits.* 2014;8:33.
- Lee D, et al. *BMB Rep.* 2015;48(4):209-16.
- Saper C, et al. *Nature.* 2005;437(7063):1257-63.
- Pongratz G and Straub R. *Arthritis Res Ther.* 2014;16:504.
- Tracey K. *Nat Rev Immunol.* 2009;9(6):418-28.
- Cacabelos R, et al. *Med Inflamm.* 2016; ID:1924603.
- Petroff O. *Neuroscientist.* 2002;8(6):562-73.
- Monti J. *Sleep Med Rev.* 2011;15(4):269-81.
- Verhoeff N, et al. *Pharmacol Biochem Behav.* 2003;74(2):425-32.
- Krizanova O, et al. *Stress.* 2016;19(4):419-28.



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*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

