

**ME/CFS: Correcting Chronic Mitochondrial Dysfunction** Author: Joshua Leisk ©2025, [DRAFT / INCOMPLETE - may contain errors]

ALDH - Aldehyde Dehydrogenase	
AMP-K - AMP-Activated Protein Kinase	
ATP - Adenosine Triphosphate	
BDNF - Brain-Derived Neurotrophic Factor	
CFS - Chronic Fatigue Syndrome	
CNS - Central Nervous System	
CO <sub>2</sub> - Carbon Dioxide	
<b>COMT -</b> Catechol-O-Methyltransferase	
<b>CPG -</b> Central Pattern Generator	
CRH - Corticotropin-Releasing Hormone	
CYP2D6 - Cytochrome P450 2D6	
DMN - Default Mode Network	
<b>DOPAL -</b> 3,4-Dihydroxyphenyl-Acetaldehyde	
<b>EMDR -</b> Eye-Movement Desensitisation & Reprocessing	
ENS - Enteric Nervous System	
HIF-2α - Hypoxia-Inducible Factor-2 alpha	
HPA - Hypothalamic-Pituitary-Adrenal (axis)	
IL-6 - Interleukin-6	
LC - Locus Coeruleus	
LDN - Low-Dose Naltrexone	loouto
LTD - Long-Term Synaptic Depression	Inputs
LTP - Long-Term Synaptic Potentiation	
ME - Myalgic Encephalomyelitis	
<b>NAD</b> <sup>+</sup> - Nicotinamide Adenine Dinucleotide (oxidised)	Exterocep
<b>NADH -</b> Reduced Nicotinamide Adenine Dinucleotide	• Vision • Au
NE - Norepinephrine	Touch • Olf
<b>NF-kB -</b> Nuclear Factor Kappa-Light-Chain-Enhancer of	
Activated B Cells	
NMDA - N-Methyl-D-Aspartate (receptor)	Proprioce
PAG - Periaqueductal Grey	<ul> <li>Muscle sp</li> </ul>
PDH - Pyruvate Dehydrogenase (complex)	Joint stre
PFC - Prefrontal Cortex	Fascia ter
PKA - Protein Kinase A	
PTSD - Post-Traumatic Stress Disorder	Interocep
<b>ROS -</b> Reactive Oxygen Species	• pH / CO2 • C
TPP - Thiamine Pyrophosphate	<ul> <li>Inflammation • Guilding</li> </ul>