



## REFERENCES

- <sup>1</sup> Schmidtko A, Gao W, Sausbier M et al. Cysteine-rich protein 2, a novel downstream effector of cGMP/cGMP-dependent protein kinase I-mediated persistent inflammatory pain. *J Neurosci* 2008;28:1320-1330.
- <sup>2</sup> Pathirathna S, Covey D, Todorovic S et al. Differential effects of endogenous cysteine analogs on peripheral thermal nociception in intact rats. *Pain* 2006;125:53-64.
- <sup>3</sup> Shalhubina A, Buccafusca R, Johanson R et al. Behavioural phenotyping of sodium-myoinositol cotransporter heterozygous knockout mice with reduced brain inositol. *Genes Brain Behav* 2007;6:253-259.
- <sup>4</sup> Mueller G, Driscoll W. Biosynthesis of oleamide. *Vitam Horm* 2009;81:55-78.
- <sup>5</sup> Akanmu M, Adeosun S, Ilesanmi O. Neuropharmacological effects of oleamide in male and female mice. *Behav Brain Res* 2007;182:88-94.
- <sup>6</sup> Sima A, Calvani M, Mehra M et al. Acetyl-L-carnitine improves pain, nerve regeneration, and vibratory perception in patients with chronic diabetic neuropathy: an analysis of two randomized placebo-controlled trials. *Diabetes Care* 2005;28:89-94.
- <sup>7</sup> Rossini M, Di Munno O, Valentini G et al. Double-blind, multicenter trial comparing acetyl L-carnitine with placebo in the treatment of fibromyalgia patients. *Clin Exp Rheumatol* 2007;25:182-188.
- <sup>8</sup> Sima A. Acetyl-L-carnitine in diabetic polyneuropathy: experimental and clinical data. *CNS Drugs* 2007;21 Suppl 1:13-23;discussion 45-46.
- <sup>9</sup> Arcioni R, Palmisani S, Tigano S et al. Combined intrathecal and epidural magnesium sulfate supplementation of spinal anesthesia to reduce post-operative analgesic requirements: a prospective, randomized, double-blind, controlled trial in patients undergoing major orthopedic surgery. *Acta Anaesthesiol Scand* 2007;51:482-489.
- <sup>10</sup> Lysakowski C, Dumont L, Czarnetzki C et al. Magnesium as an adjuvant to postoperative analgesia: a systematic review of randomized trials. *Anesth Analg* 2007;104:1532-1539.
- <sup>11</sup> Alloui A, Begon S, Chassaing C et al. Does Mg<sup>2+</sup> deficiency induce a long-term sensitization of the central nociceptive pathways? *Eur J Pharmacol* 2003;469:65-69.
- <sup>12</sup> Arisan E, Arisan S, Kiremit M et al. Manganese superoxide dismutase polymorphism in chronic pelvic pain syndrome patients. *Prostate Cancer Prostatic Dis* 2006;9:426-431.
- <sup>13</sup> DiSilvestro R, Marten J, Skehan M. Effects of copper supplementation on ceruloplasmin and copper-zinc superoxide dismutase in free-living rheumatoid arthritis patients. *J Am Coll Nutr* 1992;11:177-180.
- <sup>14</sup> Chariot P, Bignani O. Skeletal muscle disorders associated with selenium deficiency in humans. *Muscle Nerve* 2003;27:662-668.
- <sup>15</sup> Jo S, Danscher G, Schroder H et al. Depletion of vesicular zinc in dorsal horn of spinal cord causes increased neuropathic pain in mice. *Biometals* 2008;21:151-158.
- <sup>16</sup> Galeotti N, Bartolini A, Ghelardini C. Role of intracellular calcium in acute thermal pain perception. *Neuropharmacology* 2004;47:935-944.
- <sup>17</sup> Hamurtekin E, Gurun M. The antinociceptive effects of centrally administered CDP-choline on acute pain models in rats: the involvement of cholinergic system. *Brain Res* 2006;1117:92-100.
- <sup>18</sup> Wang Y, Su D, Wang R et al. Antinociceptive effects of choline against acute and inflammatory pain. *Neuroscience* 2005;132:49-56.
- <sup>19</sup> Bertollo C, Oliveira A, Rocha L et al. Characterization of the antinociceptive and anti-inflammatory activities of riboflavin in different experimental models. *Eur J Pharmacol* 2006;547:184-191.
- <sup>20</sup> Caram-Salas N, Reyes-Garcia G, Medina-Santillan R et al. Thiamine and cyanocobalamin relieve neuropathic pain in rats: synergy with dexamethasone. *Pharmacology* 2006;77:53-62.
- <sup>21</sup> Wang Z, Gan Q, Rupert R et al. Thiamine, pyridoxine, cyanocobalamin and their combination inhibit thermal, but not mechanical hyperalgesia in rats with primary sensory neuron injury. *Pain* 2005;114:266-277.
- <sup>22</sup> Bartoszyk G, Wild A. Antinociceptive effects of pyridoxine, thiamine, and cyanocobalamin in rats. *Ann NY Acad Sci* 1990;585:473-476.
- <sup>23</sup> Turner M, Hooten W, Schmidt J et al. Prevalence and Clinical Correlates of Vitamin D Inadequacy among Patients with Chronic Pain. *Pain Med* 2008;9:979-984.
- <sup>24</sup> Mascarenhas R, Mobarhan S. Hypovitaminosis D-induced pain. *Nutr Rev* 2004;62:354-359.
- <sup>25</sup> Plotnikoff G, Quigley J. Prevalence of severe hypovitaminosis D in patients with persistent, nonspecific musculoskeletal pain. *Mayo Clin Proc* 2003;78:1463-1470.
- <sup>26</sup> Ziegler D, Ametov A, Barinov A et al. Prevalence of severe hypovitaminosis D in patients with persistent, nonspecific musculoskeletal pain. *Diabetes Care* 2006;29:2365-2370.
- <sup>27</sup> Tankova T, Cherninkova S, Koev D. Treatment for diabetic mononeuropathy with alpha-lipoic acid. *Int J Clin Pract* 2005;59:645-650.
- <sup>28</sup> Kirk G, White J, McKie L et al. Combined antioxidant therapy reduces pain and improves quality of life in chronic pancreatitis. *J Gastrointest Surg* 2006;10:499-503.
- <sup>29</sup> Viggiano A, Monda M, Viggiano D et al. Trigeminal pain transmission requires reactive oxygen species production. *Brain Res* 2005;1050:72-78.
- <sup>30</sup> Kim H, Kim J, Gao X et al. Analgesic effect of vitamin E is mediated by reducing central sensitization in neuropathic pain. *Pain* 2006;122:53-62.
- <sup>31</sup> Kanazi G, El-Khatib M, Yazbeck-Karam V et al. Effect of vitamin C on morphine use after laparoscopic cholecystectomy: a randomized controlled trial. *Can J Anaesth* 2012;59:538-543.
- <sup>32</sup> Marcoff L, Thompson P. The role of coenzyme Q10 in statin-associated myopathy: a systematic review. *J Am Coll Cardiol* 2007;49:2231-2237

Additional references at <http://www.spectracell.com/online-library-mnt-pain-abstract/>