

的证实。

总之,本研究表明诱导 HO-1 基因高表达可减轻 IAH 动物模型的肠黏膜损伤。对存在继发 IAH 及 ACS 高危因素的严重烧伤患者,寻求有效可用的药物上调 HO-1 基因表达,保护并改善肠黏膜屏障功能,可能对降低 IAH 和 ACS 的发生率具有一定的临床意义。在 IAH 条件下,促进 HO-1 基因及蛋白表达对其他腹腔脏器功能的影响有待进一步研究。

参考文献

[1] Cheatham ML, Safcsak K. Intra-abdominal hypertension and abdominal compartment syndrome: the journey forward. *Am Surg*, 2011, 77 Suppl 1 :S1-5.

[2] Kaussen T, Steinau G, Srinivasan PK, et al. Recognition and management of abdominal compartment syndrome among German pediatric intensivists: results of a national survey. *Ann Intensive Care*, 2012, 2 Suppl 1 :S8.

[3] 钱何布,郑志群,陆骏灏,等.危重患者并发腹内高压 40 例临床分析. *中华实用诊断与治疗杂志*, 2009, 23(11):1124-1125.

[4] 金平,王冰.重症急性胰腺炎并发腹腔高压/腹腔室隔综合征 109 例临床分析. *内科急危重症杂志*, 2008, 14(6):318-319.

[5] Hershberger RC, Hunt JL, Arnoldo BD, et al. Abdominal compartment syndrome in the severely burned patient. *J Burn Care Res*, 2007, 28(5):708-714.

[6] Burke BA, Latenser BA. Defining intra-abdominal hypertension and abdominal compartment syndrome in acute thermal injury: a multicenter survey. *J Burn Care Res*, 2008, 29(4):580-584.

[7] 潘拥军,柏士平,张守忠.烧伤并发腹腔间隙综合征五例报告. *江西医学院学报*, 2007, 47(4):63,66.

[8] 张祥运,廖毅.烧伤并发腹腔间隙综合征二例. *华西医学*, 2011, 26(10):1476-1477.

[9] Santa-Teresa P, Muñoz J, Montero I, et al. Incidence and prog-

nosis of intra-abdominal hypertension in critically ill medical patients: a prospective epidemiological study. *Ann Intensive Care*, 2012, 2 Suppl 1 :S3.

[10] Luckianow GM, Ellis M, Governale D, et al. Abdominal compartment syndrome: risk factors, diagnosis, and current therapy. *Crit Care Res Pract*, 2012, 2012:908169.

[11] Malbrain ML, Cheatham ML, Kirkpatrick A, et al. Results from the International Conference of Experts on Intra-abdominal Hypertension and Abdominal Compartment Syndrome. I. Definitions. *Intensive Care Med*, 2006, 32(11):1722-1732.

[12] 程君涛.腹内高压及腹腔间隙综合征的诊断和治疗. *人民军医*, 2011, 54(1):64-67.

[13] 程君涛,肖光夏,冯智,等.腹内高压致肠黏膜屏障损伤的实验研究. *中华烧伤杂志*, 2006, 22(2):83-87.

[14] Eipel C, Eisold M, Schuett H, et al. Inhibition of heme oxygenase-1 protects against tissue injury in carbon tetrachloride exposed livers. *J Surg Res*, 2007, 139(1):113-120.

[15] Kim IB, Prowle J, Baldwin I, et al. Incidence, risk factors and outcome associations of intra-abdominal hypertension in critically ill patients. *Anaesth Intensive Care*, 2012, 40(1):79-89.

[16] Ke B, Shen XD, Gao F, et al. Small interfering RNA targeting heme oxygenase-1 (HO-1) reinforces liver apoptosis induced by ischemia-reperfusion injury in mice: HO-1 is necessary for cytoprotection. *Hum Gene Ther*, 2009, 20(10):1133-1142.

[17] Morse D, Lin L, Choi AM, et al. Heme oxygenase-1, a critical arbitrator of cell death pathways in lung injury and disease. *Free Radic Biol Med*, 2009, 47(1):1-12.

[18] Sass G, Barikbin R, Tiegs G. The multiple functions of heme oxygenase-1 in the liver. *Z Gastroenterol*, 2012, 50(1):34-40.

[19] Wu ML, Ho YC, Lin CY, et al. Heme oxygenase-1 in inflammation and cardiovascular disease. *Am J Cardiovasc Dis*, 2011, 1(2):150-158.

(收稿日期:2012-10-16)
(本文编辑:莫愚)

· 消息 ·

国际学术期刊《Burns & Trauma》即将全球发行

国际学术期刊《Burns & Trauma》(ISSN:2321-3876)将于 2013 年 6 月正式在线发行。该刊由第三军医大学西南医院全军烧伤研究所吴军所长担任主编,常务副主编由国际烧伤学会前任主席 David Mackie 担任,副主编分别由国际麻醉、疼痛、重症及急诊医学研讨会(A. P. I. C. E)主席 Antonio Gullo 教授、《Burns》杂志主编 Steven E. Wolf, Harvard 大学李宪昌教授担任,另有来自英、美、日、韩、意大利、澳大利亚、以色列以及中国等多国杰出专家组成编委会。《Burns & Trauma》作为国内惟一一本烧伤专业英文期刊,采取完全开放获取的模式,所有刊载内容将被全球医学领域覆盖最广的平台 Ovid SP 收录并可在在线免费浏览与下载。本刊旨在以最快的速度传播烧(创)伤领域的前沿信息,为海内外烧(创)伤学者搭建展示其优秀临床及科研成果的学术交流国际平台。

《Burns & Trauma》网址为 www.burnstrauma.com, 邮箱地址: editorial@burnstrauma.com。欢迎投稿,敬请关注!

《Burns & Trauma》编辑部