

病態分子イメージングセンターに係る業績

講座等名	外科学講座	事業推進者名	海堀 昌樹
<p>&lt;雑誌論文&gt; (著者名・論文標題・雑誌名・レフェリー有無・巻・ページ・発行年)</p>			
<p><b>2019(R1)</b></p>			
<ol style="list-style-type: none"> <li>1. Dwijayanti DR, Okuyama T, <u>Okumura T</u>, Ikeya Y, Nishizawa M. The anti-inflammatory effects of Indonesian and Japanese bitter melon (<i>Momordica charantia</i> L.) fruit extracts on interleukin-1<math>\beta</math>-treated hepatocytes. <i>Functional Foods in Health and Disease</i>, 2019;9(1): 16-33.</li> <li>2. <u>Sakaguchi T</u>, Hashimoto Y, Matsushima H, Hishikawa H, Nishizawa N, <u>Okumura T</u>, <u>Kaibori M</u>. Levosimendan pretreatment improves survival of septic rats after partial hepatectomy and suppresses iNOS induction in cytokine-stimulated hepatocytes. <i>Scientific Reports</i>; (2019) 9:13398.</li> <li>3. Nishizawa M, <u>Okumura T</u>, Ikeya Y. Assessment of anti-inflammatory effects of Japanese Kampo medicine versus functional foods. <i>Functional Foods in Health and Disease</i>, 2019;9(2): 79-91.</li> <li>4. <u>Nakatake R</u>, Hishikawa H, Kotsuka M, Ishizaki M, <u>Matsui K</u>, Nishizawa M, Yoshizawa K, <u>Kaibori M</u>, <u>Okumura T</u>. The proton pump inhibitor lansoprazole has hepatoprotective effects in in vitro and in vivo rat models of acute liver injury. <i>Dig Dis Sci</i>, 2019; 64: 2854-2866.</li> <li>5. <u>Ueyama Y</u>, Tokuhara T, Miki H, <u>Nakatake R</u>, <u>Sakaguchi T</u>, Nishizawa M, <u>Kaibori M</u>, <u>Okumura T</u>. AHCC® has protective effects in ischemia-reperfusion injury of the rat small intestine. <i>J Surg Res</i>. 2019 Jun 26; 243: 265-273.</li> <li>6. <u>Hishikawa H</u>, <u>Kaibori M</u>, Tsuda, T, <u>Matsui K</u>, <u>Okumura T</u>, Ozeki E, Yoshii K. Near-infrared fluorescence imaging and photodynamic therapy with indocyanine green lactosomes has antineoplastic effects for gallbladder cancer. <i>Oncotarget</i>. 2019 Sep 24; 10(54): 5622-5631.</li> <li>7. Ishii T, Okuyama T, Noguchi N, Nishidono Y, <u>Okumura T</u>, <u>Kaibori M</u>, Tanaka K, Terabayashi S, Ikeya Y, Nishizawa M. Anti-inflammatory constituents in <i>Atractylodes chinensis</i> rhizome improve glomerular lesions in immunoglobulin A nephropathy model mice. <i>J Nat Med</i>. 2020 Jan; 74(1): 51-64.</li> <li>8. Tsuda T, Miki H, <u>Nakatake R</u>, <u>Sakaguchi T</u>, Hatta M, <u>Okumura T</u>, Nishazawa M, <u>Kaibori M</u>. Essential amino acid tryptophan inhibits induction of inducible nitric oxide synthase gene expression in interleukin-1<math>\beta</math> stimulated hepatocytes. <i>Bioactive Compounds in Health and Disease</i>, 2019; 2(7): 170-182.</li> <li>9. Ozaki T, Kawaguchi Y, <u>Matsui K</u>, <u>Kotsuka M</u>, Iida H, <u>Kaibori M</u>, Nishizawa M, <u>Okumura T</u>, Sekimoto M. Effects of medicinal plant ipe on expression of inducible nitric oxide synthase in interleukin-1<math>\beta</math>-stimulated Hepatocytes. <i>Functional Foods in Health and Disease</i>, 2019; 9(10): 648-661.</li> <li>10. <u>Matsushima H</u>, <u>Kaibori M</u>, Hatta M, Ishizaki M, <u>Nakatake R</u>, <u>Okumura T</u>, Yoshii K, Todo T. Efficacy of a third-generation oncolytic herpes simplex virus in neuroendocrine tumor xenograft models. <i>Oncotarget</i>, 12-16-2019 in press. <i>Oncotarget</i>. 2019 Dec 24; 10(67): 7132-7141. doi: 10.18632/oncotarget.27391. eCollection 2019 Dec 24.</li> </ol>			
<p><b>2020(R2)</b></p>			
<ol style="list-style-type: none"> <li>11. <u>Matsushima H</u>, <u>Hishikawa H</u>, Miki H, <u>Hatta M</u>, <u>Nakatake R</u>, <u>Okumura T</u>, Nishizawa M, <u>Kaibori M</u>, Sekimoto M. Cinnamomi Cortex and Scutellariae Radix in Japanese herbal medicine Kampo saireito inhibit expression of iNOS through different mechanisms in hepatocytes. <i>Traditional and Kampo Medicine</i>, April 2020; 7(1): 38-47.</li> <li>12. Ningsih FN, Okuyama T, To S, Nishidono Y, <u>Okumura T</u>, Tanaka K, Ikeya Y, Nishizawa M. Comparative Analysis of Anti-inflammatory Activity of the Constituents of the Rhizome of <i>Cnidium officinale</i> Using Rat Hepatocytes. <i>Biol. Pharm. Bull.</i> 2020; 43; 1867-1875.</li> </ol>			
<p>&lt;国際学会発表&gt; (発表者名・発表標題・学会名・開催地 (海外の場合は国名と都市名)・発表年月)</p>			
<ol style="list-style-type: none"> <li>1. <u>Masahiko Hatta</u>, Takumi Tsuda, Hirokazu Miki, <u>Richi Nakatake</u>, <u>Tatsuma Sakaguchi</u>, <u>Tadayoshi Okumura</u>, Mikio Nishizawa, <u>Masaki Kaibori</u>. Essential amino acid tryptophan inhibits induction of inducible nitric oxide synthase gene expression in interleukin-1<math>\beta</math> stimulated hepatocytes. 27<sup>th</sup>ICNIM (Sapporo, Japan, July 27-28, 2019).</li> <li>2. <u>Masaya Kotsuka</u>, <u>Richi Nakatake</u>, <u>Yuki Hashimoto</u>, <u>Masahiko Hatta</u>, <u>Terufumi Yoshida</u>, <u>Masaki Kaibori</u>, Mikio Nishizawa, <u>Tadayoshi Okumura</u>. Omeprazole inhibits the expression of inducible nitric oxide synthase in rat primary cultured hepatocytes. 27<sup>th</sup>ICNIM (Sapporo, Japan, July 27-28, 2019).</li> <li>3. <u>Yuki Hashimoto</u>, <u>Masaya Kotsuka</u>, <u>Masahiko Hatta</u>, <u>Richi Nakatake</u>, <u>Tatsuma Sakaguchi</u>, Mikio Nishizawa, <u>Tadayoshi Okumura</u>, <u>Masaki Kaibori</u>. Sulforaphane has a liver-protective effect through the suppression of inducible nitric oxide synthase. 27<sup>th</sup>ICNIM (Sapporo, Japan, July 27-28, 2019).</li> <li>4. <u>Katsuji Tokuhara</u>, <u>Yosuke Ueyama</u>, <u>Tadayoshi Okumura</u>. The protective effects of AHCC® in</li> </ol>			

- ischemia-reperfusion injury of the small intestine. 27<sup>th</sup>ICNIM (Sapporo, Japan, July 27-28, 2019).
5. Masaya Kotsuka, Richi Nakatake, Yuki Hashimoto, Masahiko Hatta, Terufumi Yoshida, Masaki Kaibori, Mikio Nishizawa, Tadayoshi Okumura, Mitsugu Sekimoto. Omeprazole inhibits a production of proinflammatory biomarker nitric oxide in interleukin-1 $\beta$  stimulated hepatocytes. 41thESPEN (Krakow, Poland, August 31-September 3, 2019).
  6. Richi Nakatake, Takumi Tsuda, Hirokazu Miki, Tatsuma Sakaguchi, Masaya Kotsuka, Masaki Kaibori, Tadayoshi Okumura, Mikio Nishizawa, Mitsugu Sekimoto. Essential amino acid tryptophan has a liver-protective effect through the suppression of inducible nitric oxide synthase in primary cultured rat hepatocytes. 41thESPEN (Krakow, Poland, August 31-September 3, 2019).
  7. Masaya Kotsuka, Masahiko Hatta, Hideyuki Matsushima, Hidehiko Hishikawa, Hirokazu Miki, Richi Nakatake, Tadayoshi Okumura, Mikio Nishizawa, Masaki Kaibori, Mitsugu Sekimoto. Cinnamomi Cortex and Scutellariae Radix in Japanese herbal medicine Kampo saireito inhibit expression of iNOS through different mechanisms in hepatocytes. 42thESPEN2020 (Lyon, France, September 19-22, 2020).
  8. Terufumi Yoshida, Takashi Ozaki, Yusai Kawaguchi, Kosuke Matsui, Masaya Kotsuka, Hiroya Iida, Masaki Kaibori, Mikio Nishizawa, Tadayoshi Okumura, Mitsugu Sekimoto. Effects of medicinal plant ipe on expression of inducible nitric oxide synthase in interleukin-1 $\beta$ -stimulated Hepatocytes. 42thESPEN2020 (Lyon, France, September 19-22, 2020).
  9. Richi Nakatake, Hidehiko Hishikawa, Masaya Kotsuka, Tetsuya Okuyama, Katsuhiko Yoshizawa, Mikio Nishizawa, Tadayoshi Okumura, Rene H. Tolba, Mitsugu Sekimoto. The proton pump inhibitor lansoprazole inhibits the expression of proinflammatory biomarker inducible nitric oxide synthase in hepatocytes. 42thESPEN2020 (Lyon, France, September 19-22, 2020).
  10. Richi Nakatake, Hidehiko Hishikawa, Masaya Kotsuka, Katsuhiko Yoshizawa, Mikio Nishizawa, Tadayoshi Okumura, Rene H. Tolba, Mitsugu Sekimoto. Protective effect of the proton pump inhibitor lansoprazole in lethal acute liver failure induced by D-galactosamine and lipopolysaccharide in rats. 2020 ESSR (Innsbruck, Austria, December 9-11,2020).

<特許申請・取得状況>

特記事項なし