

(2010 年)

1) Nakano A, Kato H, Watanabe T, Min KD, Yamazaki S, Asano Y, Seguchi O, Higo S, Shintani Y, Asanuma H, Asakura M, Minamino T, Kaibuchi K, Mochizuki N, Kitakaze M, Takashima S.

AMPK controls the speed of microtubule polymerization and directional cell migration through CLIP-170 phosphorylation.

Nat Cell Biol. 2010 Jun;12(6):583-90. Epub 2010 May 23. PMID: 20495555.

2) Higo S, Asano Y, Kato H, Yamazaki S, Nakano A, Tsukamoto O, Seguchi O, Asai M, Asakura M, Asanuma H, Sanada S, Minamino T, Komuro I, Kitakaze M, Takashima S.

Isoform-specific intermolecular disulfide bond formation of heterochromatin protein 1 (HP1).

J Biol Chem. 2010 Oct 8;285(41):31337-47. Epub 2010 Aug 1. PMID: 20675861; PMCID: PMC2951208.

3) Fu HY, Okada K, Liao Y, Tsukamoto O, Isomura T, Asai M, Sawada T, Okuda K, Asano Y, Sanada S, Asanuma H, Asakura M, Takashima S, Komuro I, Kitakaze M, Minamino T.

Ablation of C/EBP homologous protein attenuates endoplasmic reticulum-mediated apoptosis and cardiac dysfunction induced by pressure overload.

Circulation. 2010 Jul 27;122(4):361-9. Epub 2010 Jul 12. PMID: 20625112.

4) Hamaoka M, Chinen I, Murata T, Takashima S, Iwamoto R, Mekada E.

Anti-human HB-EGF monoclonal antibodies inhibiting ectodomain shedding of HB-EGF and diphtheria toxin binding.

J Biochem. 2010 Jul;148(1):55-69. Epub 2010 Mar 23. PMID: 20332144.

5) Drews O, Tsukamoto O, Liem D, Streicher J, Wang Y, Ping P.

Differential regulation of proteasome function in isoproterenol-induced cardiac hypertrophy.

Circ Res. 2010 Oct 29;107(9):1094-101. Epub 2010 Sep 2. PMID: 20814020.

6) Kitakaze M, Tsukamoto O.

What is the role of ER stress in the heart? Introduction and series overview.

Circ Res. 2010 Jul 9;107(1):15-8. Review. PMID: 20616337.

7) Sawada T, Minamino T, Fu HY, Asai M, Okuda K, Isomura T, Yamazaki S, Asano Y, Okada K, Tsukamoto O, Sanada S, Asanuma H, Asakura M, Takashima S, Kitakaze M, Komuro I.

X-box binding protein 1 regulates brain natriuretic peptide through a novel AP1/CRE-like element in cardiomyocytes.

J Mol Cell Cardiol. 2010 Jun;48(6):1280-9. Epub 2010 Feb 17. PMID: 20170659.

8) Min KD, Asakura M, Liao Y, Nakamaru K, Okazaki H, Takahashi T, Fujimoto K, Ito S, Takahashi A, Asanuma H, Yamazaki S, Minamino T, Sanada S, Seguchi O, Nakano A, Ando Y, Tsukamoto O, Minamino T, Kitakaze M.

Functional alterations of cardiac proteasomes under physiological and pathological conditions.

Cardiovasc Res. 2010 Jan 15;85(2):339-46. Epub 2009 Aug 14. Review. PMID: 19684034.

9) Otsuka T, Furukawa H, Isomura T, Takashima S, Mochizuki N, Kitakaze M.

Identification of genes related to heart failure using global gene expression profiling of human failing myocardium.

Biochem Biophys Res Commun. 2010 Feb 26;393(1):55-60. Epub 2010 Jan 25. PMID: 20100464.

10) Liao Y, Xuan W, Zhao J, Bin J, Zhao H, Asakura M, Funahashi T, Takashima S, Kitakaze M.

Antihypertrophic effects of adiponectin on cardiomyocytes are associated with the inhibition of heparin-binding epidermal growth factor signaling.

Biochem Biophys Res Commun. 2010 Mar 12;393(3):519-25. Epub 2010 Feb 10. PMID: 20152812.

(2009 年)

1) Sasaki H, Asanuma H, Fujita M, Takahama H, Wakeno M, Ito S, Ogai A, Asakura M, Kim J, Minamino T, Takashima S, Sanada S, Sugimachi M, Komamura K, Mochizuki N, Kitakaze M.

Metformin prevents progression of heart failure in dogs: role of AMP-activated protein kinase.

Circulation. 2009 May 19;119(19):2568-77. Epub 2009 May 4. PMID: 19414638.

2) Shintani Y, Takashima S, Kato H, Komamura K, Kitakaze M.

Extracellular protein kinase CK2 is a novel associating protein of neuropilin-1.

Biochem Biophys Res Commun. 2009 Aug 7;385(4):618-23. Epub 2009 May 30. PMID: 19486891.

3) Yamamoto M, Standley DM, Takashima S, Saiga H, Okuyama M, Kayama H, Kubo E, Ito H, Takaura M, Matsuda T, Soldati-Favre D, Takeda K.

A single polymorphic amino acid on *Toxoplasma gondii* kinase ROP16 determines the direct and strain-specific activation of Stat3.

J Exp Med. 2009 Nov 23;206(12):2747-60. Epub 2009 Nov 9. PMID:19901082; PMCID: PMC2806617.

4) Asai M, Tsukamoto O, Minamino T, Asanuma H, Fujita M, Asano Y, Takahama H, Sasaki H, Higo S, Asakura M, Takashima S, Hori M, Kitakaze M.

PKA rapidly enhances proteasome assembly and activity in in vivo canine hearts.

J Mol Cell Cardiol. 2009 Apr;46(4):452-62. Epub 2008 Nov 13. PMID: 19059265.

5) Yamauchi K, Mizushima S, Tamada A, Yamamoto N, Takashima S, Murakami F.

FGF8 signaling regulates growth of midbrain dopaminergic axons by inducing semaphorin 3F.

J Neurosci. 2009 Apr 1;29(13):4044-55. PMID: 19339600.

6) Tsukamoto O, Fujita M, Kato M, Yamazaki S, Asano Y, Ogai A, Okazaki H, Asai M, Nagamachi Y, Maeda N, Shintani Y, Minamino T, Asakura M, Kishimoto I, Funahashi T, Tomoike H, Kitakaze M.

Natriuretic peptides enhance the production of adiponectin in human adipocytes and in patients with chronic heart failure.

J Am Coll Cardiol. 2009 Jun 2;53(22):2070-7. PMID: 19477358.

7) Suna S, Sakata Y, Shimizu M, Nakatani D, Usami M, Matsumoto S, Mizuno H, Ozaki K, Takashima S, Takeda H, Tanaka T, Hori M, Sato H.

Lymphotoxin-alpha3 mediates monocyte-endothelial interaction by TNFR I/NF-kappaB signaling.

Biochem Biophys Res Commun. 2009 Feb 6;379(2):374-8. Epub 2008 Dec 25. PMID: 19103156.

8) Takahama H, Minamino T, Asanuma H, Fujita M, Asai T, Wakeno M, Sasaki H, Kikuchi H, Hashimoto K, Oku N, Asakura M, Kim J, Takashima S, Komamura K, Sugimachi M, Mochizuki N, Kitakaze M.

Prolonged targeting of ischemic/reperfused myocardium by liposomal adenosine augments cardioprotection in rats.

J Am Coll Cardiol. 2009 Feb 24;53(8):709-17. PMID: 19232905.