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| ***Journal of Biomedical Science* Online Publications in 2012 and 2013** |
| 2013 Online Publications (Review) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access)**  [**MicroRNA: a prognostic biomarker and a possible druggable target for circumventing multidrug resistance in cancer chemotherapy**](http://www.jbiomedsci.com/content/20/1/99)  Kenneth KW To *Journal of Biomedical Science* 2013, **20**:99 (20 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/99/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/99) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-99.pdf) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access)**  [**Reduced quality and accelerated follicle loss with female reproductive aging - does decline in theca dehydroepiandrosterone (DHEA) underlie the problem?**](http://www.jbiomedsci.com/content/20/1/93)  Judith H Ford *Journal of Biomedical Science* 2013, **20**:93 (13 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/93/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/93) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-93.pdf) | [PubMed](http://www.jbiomedsci.com/pubmed/24330163) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access)**  [**DNA transposon-based gene vehicles - scenes from an evolutionary drive**](http://www.jbiomedsci.com/content/20/1/92)  Kristian Alsbjerg Skipper, Peter Refsing Andersen, Nynne Sharma, Jacob Giehm Mikkelsen *Journal of Biomedical Science* 2013, **20**:92 (9 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/92/abstract) | [Provisional PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-92.pdf) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access)**  [**Role of cognitive parameters in dengue hemorrhagic fever and dengue shock syndrome**](http://www.jbiomedsci.com/content/20/1/88)  Jih-Jin Tsai, Kulkanya Chokephaibulkit, Po-Chih Chen, Li-Teh Liu, Hui-Mien Hsiao, Yu-Chih Lo, Guey Perng *Journal of Biomedical Science* 2013, **20**:88 (5 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/88/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/88) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-88.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-88.epub) | [PubMed](http://www.jbiomedsci.com/pubmed/24305068) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Association of Genetic polymorphism of PPARγ-2, ACE, MTHFR, FABP-2 and FTO genes in risk prediction of type 2 diabetes mellitus**](http://www.jbiomedsci.com/content/20/1/80)  Shania Abbas, Syed Raza, Faisal Ahmed, Absar Ahmad, Saliha Rizvi, Farzana Mahdi *Journal of Biomedical Science* 2013, **20**:80 (25 October 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/80/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/80) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-80.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-80.epub) |
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| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Priming adult stem cells by hypoxic pretreatments for applications in regenerative medicine**](http://www.jbiomedsci.com/content/20/1/63)  Claudio Muscari, Emanuele Giordano, Francesca Bonafè, Marco Govoni, Alice Pasini, Carlo Guarnieri *Journal of Biomedical Science* 2013, **20**:63 (29 August 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/63/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/63) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-63.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-63.epub) | [PubMed](http://www.jbiomedsci.com/pubmed/23985033) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Neurovascular abnormalities in brain disorders: highlights with angiogenesis and magnetic resonance imaging studies**](http://www.jbiomedsci.com/content/20/1/47)  Chiao-Chi V Chen, Yu-Chen Chen, Han-Yun Hsiao, Chen Chang, Yijuang Chern *Journal of Biomedical Science* 2013, **20**:47 (5 July 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/47/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/47) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-47.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-47.epub) | [PubMed](http://www.jbiomedsci.com/pubmed/23829868) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Re-evaluation of the pathogenic roles of nonstructural protein 1 and its antibodies during dengue virus infection**](http://www.jbiomedsci.com/content/20/1/42)  Yung-Chun Chuang, Shu-Ying Wang, Yee-Shin Lin, Hong-Ru Chen, Trai-Ming Yeh *Journal of Biomedical Science* 2013, **20**:42 (27 June 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/42/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/42) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-42.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-42.epub) | [PubMed](http://www.jbiomedsci.com/pubmed/23806052) |
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| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Current progress in dengue vaccines**](http://www.jbiomedsci.com/content/20/1/37)  Shu-Wen Wan, Chiou-Feng Lin, Shuying Wang, Yu-Hung Chen, Trai-Ming Yeh, Hsiao-Sheng Liu, Robert Anderson, Yee-Shin Lin *Journal of Biomedical Science* 2013, **20**:37 (13 June 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/37/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/37) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-37.pdf) | [PubMed](http://www.jbiomedsci.com/pubmed/23758699) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Distinct regulation of dengue virus-induced inflammasome activation in human macrophage subsets**](http://www.jbiomedsci.com/content/20/1/36)  Ming-Fang Wu, Szu-Ting Chen, Shie-Liang Hsieh *Journal of Biomedical Science* 2013, **20**:36 (7 June 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/36/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/36) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-36.pdf) | [PubMed](http://www.jbiomedsci.com/pubmed/23742038) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access)**  [**Immunologic hypo- or non-responder in natural dengue virus infection**](http://www.jbiomedsci.com/content/20/1/34)  Guey Perng, Kulkanya Chokephaibulkit *Journal of Biomedical Science* 2013, **20**:34 (31 May 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/34/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/34) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-34.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-34.epub) | [PubMed](http://www.jbiomedsci.com/pubmed/23725050) | [Cited on BioMed Central](http://www.jbiomedsci.com/content/20/1/34/about#citations-biomedcentral) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access)**  [**New insights of P2X7 receptor signaling pathway in alveolar functions**](http://www.jbiomedsci.com/content/20/1/26)  Amarjit Mishra *Journal of Biomedical Science* 2013, **20**:26 (1 May 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/26/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/26) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-26.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-26.epub) | [PubMed](http://www.jbiomedsci.com/pubmed/23634990) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Remodeling of calcium signaling in tumor progression**](http://www.jbiomedsci.com/content/20/1/23)  Yih-Fung Chen, Ying-Ting Chen, Wen-Tai Chiu, Meng-Ru Shen *Journal of Biomedical Science* 2013, **20**:23 (17 April 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/23/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/23) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-23.pdf) | [ePUB](http://www.jbiomedsci.com/content/epub/1423-0127-20-23.epub) | [PubMed](http://www.jbiomedsci.com/pubmed/23594099) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Current understanding on micro RNAs and its regulation in response to Mycobacterial infections**](http://www.jbiomedsci.com/content/20/1/14)  Pravin Kumar Singh, Ajay Vir Singh, Devendra Singh Chauhan *Journal of Biomedical Science* 2013, **20**:14 (28 February 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/14/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/14) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-14.pdf) | [PubMed](http://www.jbiomedsci.com/pubmed/23448104) |
| **Review   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Beyond NF-κB activation: nuclear functions of IκB kinase α**](http://www.jbiomedsci.com/content/20/1/3)  Wei-Chien Huang, Mien-Chie Hung *Journal of Biomedical Science* 2013, **20**:3 (23 January 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/3/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/3) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-3.pdf) | [PubMed](http://www.jbiomedsci.com/pubmed/23343355) |

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| **Research   [Open Access](http://www.jbiomedsci.com/about/access)**  [**Over-expression of microRNA-494 Up-regulates hypoxia-inducible factor-1 alpha expression via PI3K/Akt pathway and protects against hypoxia-induced apoptosis**](http://www.jbiomedsci.com/content/20/1/100)  Guixiang Sun, Yanni Zhou, Hongsheng Li, Yingjia Guo, Juan Shan, Mengjuan Xia, Youping Li, Shengfu Li, Dan Long, Li Feng *Journal of Biomedical Science* 2013, **20**:100 (23 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/100/abstract) | [Provisional PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-100.pdf) |
| **Research   [Open Access](http://www.jbiomedsci.com/about/access)**  [**Analysis of the interaction between Zinc finger protein 179 (Znf179) and promyelocytic leukemia zinc finger (Plzf)**](http://www.jbiomedsci.com/content/20/1/98)  Ding-Yen Lin, Chi-Chen Huang, Ya-Ting Hsieh, Hsin-Chuan Lin, Ping-Chieh Pao, Jen-Hui Tsou, Chien-Ying Lai, Liang-Yi Hung, Ju-Ming Wang, Wen-Chang Chang, Yi-Chao Lee *Journal of Biomedical Science* 2013, **20**:98 (20 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/98/abstract) | [Provisional PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-98.pdf) |
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| **Research   [Open Access](http://www.jbiomedsci.com/about/access)**  [**Changes in microRNA expression profile in hippocampus during the acquisition and extinction of cocaine-induced conditioned place preference in rats**](http://www.jbiomedsci.com/content/20/1/96)  Chun-Lin Chen, Hailin Liu, Xiaowei Guan *Journal of Biomedical Science* 2013, **20**:96 (20 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/96/abstract) | [Provisional PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-96.pdf) |
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| **Research   [Open Access](http://www.jbiomedsci.com/about/access)**  [**Tonotopic reorganization and spontaneous firing in inferior colliculus during both short and long recovery periods after noise overexposure**](http://www.jbiomedsci.com/content/20/1/91)  Feng Wang, Li Zuo, Bo Hong, Dongyi Han, Ethan M Range, Lingyun Zhao, Yanan Sui, Weiwei Guo, Liangfa Liu *Journal of Biomedical Science* 2013, **20**:91 (9 December 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/91/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/91) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-91.pdf) | [PubMed](http://www.jbiomedsci.com/pubmed/24320109) |
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| **Research   [Open Access](http://www.jbiomedsci.com/about/access) [Highly Accessed](http://www.biomedcentral.com/about/mostviewed)**  [**Wedelolactone inhibits LPS-induced pro-inflammation via NF-kappaB Pathway in RAW 264.7 cells**](http://www.jbiomedsci.com/content/20/1/84)  Fang Yuan, Jie Chen, Ping-ping Sun, Su Guan, Jing Xu *Journal of Biomedical Science* 2013, **20**:84 (31 October 2013)  [Abstract](http://www.jbiomedsci.com/content/20/1/84/abstract) | [Full text](http://www.jbiomedsci.com/content/20/1/84) | [PDF](http://www.jbiomedsci.com/content/pdf/1423-0127-20-84.pdf) |
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