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## Recent Publications Using Biomatik's Peptides

1. **Role of the CaMKII/NMDA Receptor Complex in the Maintenance of Synaptic Strength** Magdalena Sanhueza, German Fernandez-Villalobos, Ivar S. Stein, Gyulnara Kasumova, Peng Zhang, K. Ulrich Bayer, Nikolai Otmakhov, Johannes W. Hell, and John Lisman *The Journal of Neuroscience*, June 2011 31(25): 9170 –9178
2. **Endogenous adipocyte apolipoprotein E is colocalized with caveolin at the adipocyte plasma membrane** Lili Yue and Theodore Mazzone *March 2011 The Journal of Lipid Research*, 52, 489-498.
3. **Endothelium-dependent vasomotor effects of telmisartan in isolated rat femoral arteries** Ilias Siarkosa, Vincenzo Ursoa, Tiziana Sinagraa, Filippo Dragoa and Salvatore Salomone *Pharmacological Research*, Volume 63, Issue 3, March 2011,
4. **Two Conserved Residues Are Important for Inducing Highly Ordered Membrane Domains by the Transmembrane Domain of Influenza Hemagglutinin** Mingtao Ge and Jack H. Freed *Biophysical Journal* Volume 100 January 2011 90–9
5. **A RhoA-Derived Peptide Inhibits Human Immunodeficiency Virus-1 Entry In Vitro** Maselko, Maciej; Ward, Casey; Pastey, Manoj *Current HIV Research*, Volume 9, Number 1, January 2011 , pp. 1-5(5)
6. **Peptide ligands that use a novel binding site to target both TGF- $\beta$  receptors** Lingyin Li,<sup>a</sup> Brendan P. Orner,<sup>za</sup> Tao Huang,<sup>b</sup> Andrew P. Hinckb and Laura L. Kiessling *Molecular Biosystems* Volume 6 Number 12 December 2010
7. **Molecular Basis of BACH1/FANCD1 Recognition By TopBP1 In DNA Replication Checkpoint Control** Charles Chung Yun Leung, Zihua Gong, Junjie Chen, J.N. Mark Glover *Journal of Biological Chemistry*, 286, 4292-4301.
8. **Site-directed mutagenesis of the  $\chi$  subunit of DNA polymerase III and single-stranded DNA-binding protein of E. coli reveals key residues for their interaction** Natalie Naue, Roman Fedorov, Andreas Pich, Dietmar J. Manstein and Ute Curth *Nucl. Acids Res.* (2010) doi: 10.1093/nar/gkq988 First published online: October 23, 2010
9. **Characterization of Chlorpyrifos Toxicity On the Pancreatic Beta Cell Line RINM5F** By Zhong Yuyan *A dissertation submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy* 2010
10. **Peptides representing the specific variable regions but not the full porin proteins can be useful for antibody based diagnosis of typhoid fever** S. Kumar, S. Kapil, V. Gautam, S. K. Verma and P. Ray *Folia Microbiologica* Volume 55, Number 5, 520-527 2010
11. **Quantitation of p95HER2 in Paraffin Sections by Using a p95-Specific Antibody and Correlation with Outcome in a Cohort of Trastuzumab-Treated Breast Cancer Patients** Jeff Sperinde, Xueguang Jin, Jayee Banerjee, Elicia Penuel, Anasuya Saha, Gundo Diedrich, Weidong Huang, Kim Leitzel, Jodi Weidler, Suhail M. Ali, Eva-Maria Fuchs, Christian

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F. Singer, Wolfgang J. Köstler, Michael Bates, Gordon Parry, John Winslow, and Allan Lipton  
*Published OnlineFirst July 27, 2010; doi: 10.1158/1078-0432.CCR-10-0410*

12. **Modified Tat peptide with cationic lipids enhances gene transfection efficiency via temperature-dependent and caveolae-mediated endocytosis** Seiichi Yamanoa, Jisen Daia, Carlo Yuvienob, Sachin Khaplib, Amr M. Moursic and Jin K. Montclareb  
*doi: 10.1016/j.physletb.2003.10.071*
13. **Membrane potential is important for bacterial cell division** Henrik Strahl and Leendert W. Hamoen *PNAS July 6, 2010 vol. 107 no. 27 12281-12286*
14. **Screening for cellulose nanowhiskers binding peptides by phage display** Jing Guo, Jeffrey M Catchmark, Ming Tien, Teh-hui Kao *Published by the American Society of Agricultural and Biological Engineers, Pittsburgh, Pennsylvania, June 20 - June 23, 2010 1009575.*
15. **BacA Is Essential for Bacteroid Development in Nodules of Galegoid, but not Phaseoloid, Legumes** Ramakrishnan Karunakaran, Andreas F. Haag, Alison K. East, Vinoy K. Ramachandran, Jurgen Prell, Euan K. James, Marco Scocchi, Gail P. Ferguson, and Philip S. Poole *Journal of Bacteriology, June 2010, p. 2920-2928, Vol. 192, No. 11*

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