

Bioinformatics Institute Publications – 2012

1.	<i>LI Jianguo, LIU Shouping, LAKSHMINARAYANAN Rajamani, BAI Yang Y, PERVUSHIN Konstantin, VERMA Chandra, BEUERMAN Roger W.</i> Molecular simulations suggest how a branched antimicrobial peptide perturbs a bacterial membrane and enhances permeability. <i>Biochimica et Biophysica Acta -Bioenergetics</i> 2012, doi: 10.1016/j.bbamem.2012.12.015, PMID: 23274275
2.	<i>KREISBERG Jason, ONG Nicholas, KRISHNA Aishwarya, JOSEPH Thomas, WANG Jing, ONG Catherine, HUI Ann Ooi, SUNG Julie, CHERN Chiang Siew, CHANG Grace, BIOT Fabrice, CUCCUI Jon, WREN Brendan, CHAN Joey, SIVALINGAM Suppiah, ZHANG Lian-Hui, VERMA Chandra, TAN Patrick.</i> Growth Inhibition of Pathogenic Bacteria by Sulfonyleurea Herbicides. <i>Antimicrobial Agents and Chemotherapy</i> 2012, doi: 10.1128/AAC.02327-12, PMID: 23263008
3.	<i>TANAVE Vivek, VEMURI Mohan C.</i> Mesenchymal Stromal Cells in the Clinic: What Do the Clinical Trials Say? Book Chapter : <i>Mesenchymal Stem Cell Therapy</i> ,2013, Pg 423-429, ISBN:978-1627031998
4.	<i>LAW Yan Nei, RACINE Victor, ANG Pei Ling, MOHAMED Hanifa, SOO Piang Chin,VELTMAAT Jacqueline M, LEE Hwee Kuan.</i> Development of MammoQuant: An Automated Quantitative Tool for Standardized Image Analysis of Murine Mammary Gland Morphogenesis. <i>Journal of Medical Imaging and Health Informatics</i> 2012, Vol. 2, No. 4, Pg 352-365
5.	<i>BROWN Christopher, QUAH Soo T, JONG Janice, CHIAM Poh C, KHOO Kian H, CHOONG May Lee, YURLOVA Larisa, ZOLGHADR Kourosh, LEONARD Thomas, VERMA Chandra, LANE David P.</i> Stapled Peptides with Improved Potency and Specificity that Activate p53. <i>ACS Chemical Biology</i> 2012, doi: 10.1021/cb3005148, PMID : 23214419
6.	<i>LI Jianguo, LAKSHMINARAYANAN Rajamani, BAI Yang Y, LIU Shouping S, ZHOU Lei, PERVUSHIN Konstantin, VERMA Chandra, BEUERMAN Roger W.</i> Molecular dynamics simulations of a new branched antimicrobial peptide: A comparison of force fields. <i>Journal of Chemical Physics</i> 2012 Dec 7;137(21):215101. doi: 10.1063/1.4768899
7.	<i>VINEKAR Rithvik, VERMA Chandra, GHOSH Indira.</i> Functional relevance of dynamic properties of Dimeric NADP-dependent Isocitrate Dehydrogenases. <i>BMC Bioinformatics</i> 2012, 13(Suppl 17):S2, doi:10.1186/1471-2105-13-S17-S2
8.	<i>HOELTING Lisa, SCHEINHARDT Benjamin, BONDARENKO Olesja, SCHILDKNECHT Stefan, KAPITZA Marion, TANAVDE Vivek, TAN Betty, LEE Qian Yi, MECKING Stefan, LEIST Marcel, KADAREIT Suzanne.</i> A 3-dimensional human embryonic stem cell (hESC)-derived model to detect developmental neurotoxicity of nanoparticles. <i>Archives of Toxicology</i> , Dec 2012, doi: 10.1007/s00204-012-0984-2
9.	<i>WONG Foong Ying, LIEM Natalia, XIE Chen, YAN Fui Leng, WONG Wing Cheong, WANG Lingzhi, YONG Wei Peng.</i> Combination Therapy with Gossypol Reveals Synergism against Gemcitabine Resistance in Cancer Cells with High BCL-2 Expression. <i>PLoS One</i> 2012, 7(12): e50786. doi:10.1371/journal.pone.0050786, PMID: 23226540
10.	<i>XIONG W, CHIA SC, LIM JH, LEE HK, SHVETHA A, AHMED Sohail.</i> Segmentation of Unstained Neural Stem Cells/Neurospheres in Unevenly Illuminated Brightfield Images with Shading Reduction. 21st International Conference on Pattern Recognition, 11 to 15 Nov 2012, Tsukuba Science City, Japan
11.	<i>HUANG Chao-Hui, LEE Hwee-Kuan.</i> Automated Mitosis Detection based on eXclusive Independent Component Analysis. 21st International Conference on Pattern Recognition, 11 to 15 Nov 2012, Tsukuba Science City, Japan
12.	<i>ZHANG Lilian, XU Chi, LEE Kok Meng, KOCH Reinhard.</i> Robust and Efficient Pose Estimation from Line Correspondence. 11th Asian Conference on Computer Vision, 5th to 9th Nov 2012, Daejeon,

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13.	LI Zhang, YE Ning, MARROQUIN Elisa Martinez, GUO Dong, SIM Terence. Expressive Deformation Profiles for Cross Expression Face Recognition . 21st International Conference on Pattern Recognition, 11 to 15 Nov 2012, Tsukuba Science City, Japan
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