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Essex Jct VT - Email me on Indeed: indeed.com/r//e8832e56b0377a52  
A scientist position in the pharmaceutical industry that allows me to contribute my skills and knowledge for the development of new drugs and assays.  
WORK EXPERIENCE www.sciencedirect.com - 2012 to Present  
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Assistant Professor in Oncology and Animal Science  
University of Vermont - 2005 to Present  
Meyers RA Wiley-VCH Verlag GmbH & Co - 2005 to 2005  
4. Pan ZZ and Godwin AK. ONCOGENES. Encyclopedia of Molecular Cell Biology and Molecular Medicine 2nd Edition edited by Meyers RA Wiley-VCH Verlag GmbH & Co. KgaA Weinheim 9:435-495 2005. http:// onlinelibrary.wiley.com/doi/10.1002/3527600906.mcb.200400064/abstract  
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Postdoctoral Fellow in Oncology  
Fox Chase Cancer Center - Philadelphia PA - 2001 to 2005  
www.molbiolcell.org - 2004 to 2004  
2004. http://www.molbiolcell.org/content/15/7/3106.long  
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http://www.sciencedirect.com/science/article/pii/S0006291X01962941  
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Postdoctoral Associate in Inflammation/Immunology  
Yale University - New Haven CT - 1997 to 2000  
RELEVANT EXPERIENCE AND EXPERTISE  
-- A dedicated and motivated biomedical research scientist with extensive knowledge and 10+ yrs hands-on experience in multiple disciplines including Oncology and Inflammation.  
-- Independent investigator and dedicated team player with strong capabilities in experiment planning and designing data collection and analyzing data organizing and interpretation/presentation.  
-- Research Experience and Expertise Areas  
\*Oncology \*Inflammation/Immunology \*Animal models \*Molecular biology \*Cellular biology \*Translational research \*Biostatistics \*Computer literacy \*Supervising/managing  
-- In Vitro Pharmacology  
 Cell Proliferation Assays: MTT assay BrdU labeling cell proliferation rate/index.  
 Apoptosis Assays: TUNEL assay annexin V staining caspase assay etc.  
 Reporter-Based Assays: luciferase assays etc.  
 Mammalian Cell Culture: cancer and non-cancerous cell lines primary cells stem cells  
-- In Vivo Animal Models and Pharmacology  
 Transgenic Mouse Models: generated several transgenic mouse models for Oncology Inflammation and Developmental Biology.  
 Xenograft Tumor Nude Mouse Models: used for the efficacy and action/resistance mechanisms of anti- EGFR drug Erbitux  
 Lentivirus Infection Animal Models: used to infect rat mammary gland cells in vivo.  
 In Vivo Pharmacological Models: used for the studies of the ER-selective agonists PPT and DPN.  
-- Molecular Biology Cellular Biology and Histopathology  
 Cell transfection stable cell lines or pools generation.  
 Expertise in recombinant retrovirus and lentivirus production and transduction (in vitro cell lines and in vivo animal models; BSL2).  
 siRNA(plasmid and retrovirus) knock-down of genes of interests.  
 DNA: extraction cloning site-directed mutagenesis PCR Southern DNA sequencing analysis.  
 RNA and gene expression assays: RNA extraction RT-PCR Northern quantitative real-time PCR cDNA microarray assay.  
 Protein: protein lysate preparation and immunoprecipitation SDS-PAGE Western blot ELISA proteomics protein kinase assays protein overexpression in bacteria and yeast GST-fusion protein purification.  
 Expertise in fluorescence microscopy flow cytometry analysis (FACS) cell uptake/internalization.  
 Signal transduction: protein kinase assays protein-protein interaction signaling pathways.  
 Histopathology: tissue fixing paraffin block sectioning H&E staining immunofluorescent staining immunohistochemical staining microimaging data capture and analysis.  
-- Others  
Computer Software/Programs: MS WORD Powerpoint Excel; SPSS JMP PASS; Photoshop; MacVector Vector NTI.  
 Principal or leading investigator in multiple projects.  
 Collaborated successfully with colleagues in multiple projects.  
 Demonstrated history of writing manuscripts grant proposals progress reports and communicating research progress in local and national scientific meetings.  
SELECTED ARTICLES (from >17) AND ABSTRACTS  
EDUCATION  
MS in Developmental Biology  
Shandong University 1987  
BS in Biology  
Shandong Normal University 1984