

Stanford



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Bio

EDUCATION AND CERTIFICATIONS

- Ph.D., Institute of Biochemistry and Cell Biology, Chinese Academy of Science , Molecular and Cell Biology (2007)

Publications

PUBLICATIONS

- **The role of vesicle trafficking genes in osteoblast differentiation and function.** *Scientific reports*
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- **Parathyroid hormone receptor (PTH1R) signaling mediates breast cancer metastasis to bone in mice.** *JCI insight*
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- **Pluripotent stem cells as a source of osteoblasts for bone tissue regeneration.** *Biomaterials*
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2018
- **Prevention of breast cancer skeletal metastases with parathyroid hormone.** *JCI insight*
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- **JMJD5 Regulates Cell Cycle and Pluripotency in Human Embryonic Stem Cells.** *Stem cells*

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- **FAM29A, a target of Plk1 regulation, controls the partitioning of NEDD1 between the mitotic spindle and the centrosomes** *JOURNAL OF CELL SCIENCE*
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 - **Calcium signaling-induced Smad3 nuclear accumulation induces acetylcholinesterase transcription in apoptotic HeLa cells** *CELLULAR AND MOLECULAR LIFE SCIENCES*
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 - **Microtubule amplification in the assembly of mitotic spindle and the maturation of kinetochore fibers.** *Communicative & integrative biology*
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2009; 2 (3): 208-210
 - **Mechanism, Function and Regulation of Microtubule-Dependent Microtubule Amplification in Mitosis** *MOLECULES AND CELLS*
Zhu, H., Fang, K., Fang, G.
2009; 27 (1): 1-3
 - **FAM29A promotes microtubule amplification via recruitment of the NEDD1-gamma-tubulin complex to the mitotic spindle** *JOURNAL OF CELL BIOLOGY*
Zhu, H., Coppinger, J. A., Jang, C., Yates, J. R., Fang, G.
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 - **The CCAAT-binding factor CBF/NF-Y regulates the human acetylcholinesterase promoter activity during calcium ionophore A23187-induced cell apoptosis** *BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS*
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 - **Nerve growth factor prevents the apoptosis-associated increase in acetylcholinesterase activity after hydrogen peroxide treatment by activating Akt** *ACTA BIOCHIMICA ET BIOPHYSICA SINICA*
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