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全体人员
教授
副教授
讲师
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客座/兼职教授



师资队伍 / Teacher Team

副教授

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主要教育、科研简历:

1991 – 1996 天津医科大学、医疗系、临床医学专业 学士学位

1996 – 2001 中国协和医科大学、皮肤与性病学专业、 博士学位

2001 – 2004 北京航空航天大学、生物工程系、讲师

2004 – 2008 北京航空航天大学、生物工程系、副教授、副主任

2005 – 2006 德国柏林自由大学&洪堡大学Charité 医学院 访问学者

2008 – 2010 北京航空航天大学、生物与医学工程学院、副教授、副院长

2010 – 北京航空航天大学、生物与医学工程学院、教授、副院长

Education

1996-2001: Ph.D. & M.D., Dermatology, Peking Union Medical College, China

1991-1996: B.S., Medicine, Tianjin Medical University, China

Professional Experience

2010 – Present: Professor & Vice Dean, School of Biological Science and Medical Engineering

- 名家论坛
- 教育文化讲堂
- 学术沙龙
- 学院信箱

友情链接

2008 – 2010: Associate Professor & Vice Dean, School of Biological Science and Medical Engineering

Beihang University, China

2004 – 2008: Associate Professor & Vice Director, Bioengineering Department, Beihang University, China

2005 – 2006: Visiting Scholar, Charité Universitätsmedizin Berlin, Germany

2001 –2004: Lecturer, Bioengineering Department, Beihang University, China

主要研究方向:

1. 航空航天生物医学工程
2. 空间生命科学
3. 生物力学及力生物学

Research Interests

1. Aviation and Space Biomedical Engineering
2. Space Life Science
3. Biomechanics and Mechanobiology

近期主要论著 (Recent Publications Selected):

- 1) **LianWen Sun**, Chao Wang, Fang Pu, et al. Comparative Study on Measured Variables and Sensitivity to Bone Microstructural Changes Induced by Weightlessness between In Vivo and Ex Vivo Micro-CT Scan, *Calcif Tissue Int*, DOI: 10.1007/s00223-010-9422-8
- 2) **Lian-wen Sun**, Chao Wang, Tian Xie, et al. Body-weight distribution on forelimbs in rat tail-suspension model, *Aviakosmicheskaya i Ekologicheskaya Meditsina (Aerospace and environmental medicine)*, 2010,44(1), 37-39
- 3) **Lian-wen Sun**, Yu-bo Fan, De-yu Li, et al. Evaluation of the mechanical properties of rat bone under simulated microgravity condition using nanoindentation, *Acta Biomater*, 2009,5(9),3506-3511
- 4) **L.W. Sun**, G. Beller, D. Felsenberg. Quantification of bone mineral density precision according to repositioning errors in peripheral quantitative computed tomography (pQCT) at the radius and tibia, *J Musculoskelet Neuronal Interact*, 2009,9(1):18-24
- 5) D.C. Wilks, K. Winwood, S.F. Gilliver, A. Kwiet, **L.W. Sun**, et al. Age-dependency in bone mass and geometry:a pQCT study on male and female master sprinters,middle and long distance runners, race-walkersand sedentary people, *J Musculoskelet Neuronal Interact*, 2009;9(4):236-246
- 6) D.C. Wilks, K. Winwood, S.F. Gilliver, A. Kwiet, M. Chatfield, I. Michaelis, **L.W. Sun**, et al. Bone mass and geometry of the tibia and the radius of master sprinters, middle and long distance runners, race-walkers and sedentary control participants: A pQCT study, *Bone*, 2009;45(1): 91-97
- 7) **SUN Lian-wen**, XIE Tian, FAN Yu-bo,et al. Pulse electrical arc stimulator based on single-electrode for active exercise in tail-suspension rat, *J Cent South Univ T*, 2008,15(s2):383-388
- 8) **L.W. Sun**, C. Wang, F. Pu, Y.B. Fan. Effect of weightlessness on micromechanical properties of rat bone, *WC 2009, IFMBE Proceedings* 25/IV, pp.216–219, 2009
- 9) **Lianwen Sun**, Bo Gan, Yubo Fan, et al. Simulated microgravity alters multipotential differentiation of rat mesenchymal stem cells in association with reduced telomerase activity, *Acta Astronautic*, 2008,63(7-10):968-973
- 10) **Lianwen SUN**, Tian XIE, Yubo FAN, et al. Fitting curve passing through designated point to data for promoting the reproducibility of peripheral quantitative computed tomography (pQCT), *BMEI 2008: PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON BIOMEDICAL ENGINEERING AND INFORMATICS*, 2008,Vol 2:867-871

11) **Lianwen Sun**, Yubo Fan, Tian Xie. The potential of Triptolide as effective topical anti-inflammatory agent, *2007 IEEE/ICME INTERNATIONAL CONFERENCE ON COMPLEX MEDICAL ENGINEERING*, 2007,VOLS 1-4:1710-1714

12) **Lianwen Sun**, Bo Gan, Yubo Fan, et al. The Proliferation and Gene Expression in MC3T3-E1 under Simulated Microgravity, *2007 IEEE/ICME INTERNATIONAL CONFERENCE ON COMPLEX MEDICAL ENGINEERING*, 2007,VOLS 1-4: 1803-1806

13) **Lianwen SUN**, Yubo FAN, Tian XIE, et al. Comparative Study on Biological Effects of Two-dimensional and Three-dimensional Simulated Microgravity, *2007 1st International Conference on Bioinformatics and Biomedical Engineering*, ICBBE, 2007,470-473

14) 孙联文, 谢添, 樊瑜波. 运动在模拟失重尾吊大鼠模型中的应用及对骨骼肌系统改善的研究进展, *中国生物医学工程学报*, 2009,28(5):766-770

15) 孙联文, 杨肖, 张恺, 等. 骨细胞的体外分离培养及鉴定, *中国骨质疏松杂志*, 2009,15(9):629-631

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