Xiulin Shu
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Education

09/2002/-07/2005/，M.D., Plant Protection Institute, Northwest A&F University
09/1998-07/2002/07，B.S., Plant Protection Institute, Northwest A&F University

Professional experience

Dec 2015- current	Associate Professor	Guangdong Institute of Microbiology
Dec 2007-Nov.2017	Research associate	Guangdong Institute of Microbiology

Research interests

Her research area specializes in Biomaterials science and engineering. Currently, my research interests include:
① Biomedical material surface modification and characterization
② Micro/Nano fabrication in biomaterials.
She has invented and developed several biomedical materials and been awarded >10 Chinese invention patents, and her research on new biomaterials has been supported by the NSFC, the local governments, and the industry.

Awards

①2017 the Guangdong patent Excellence Award（ZL201010196354.X）
②2013,the Guangdong patent Gold Award (ZL 200610122640.5）

Representative Publications

① **Xiulin Shu**, Jin Feng, Jing Feng, et al. Combined delivery of BMP-2 and IGF-1 from nano-poly (ɤ-glutamic acid)/β-TCP-based calcium phosphate cementand its effect on bone regeneration in vitro. Journal of biomaterial applications, 2017, 32(5): 547-560
②**Xiulin Shu**,Qing-shan Shi, Mingjie Chen, et al. Preparation, characterization and performance of gamma-polyglutamic acid/carboxymethyl chitosan-calcium phosphate cement. Chinese Journal of Tissue Engineering Research, 2017, 21(26): 4185-4191
③**Xiulin Shu**,Qing-shan Shi, Jin Feng, et al. Poly (γ-glutamic acid)/beta-TCP nanocomposites via in situ copolymerization: Preparation and characterization. Journal of biomaterial applications, 2016, 31(1): 102-111
④**Xiulin Shu**, Qingshan Shi,Jing Feng, Xiaobao Xie,Yiben Chen. Design and in vitro evaluation of novelγ-PGA/hydroxyapatite nanocomposites for bone tissue engineering, Journal of Materials Science, 2014, 49:7742–7749
⑤**Xiulin Shu**, Qingshan Shi, Xiaobao Xie, Xiaomo Huang, and Yiben Chen, Preparation and Characterization of a Novel γ-PGA/β-Tricalcium Phosphate Composite for Tissue Engineering, Advanced Materials Research, Vol. 2014, 900: 306-311.