个人简历

个人信息

姓名:	李新
性别:	女
出生年月:	1988年7月12日
邮箱:	xin.li@kuleuven.be
工作单位:	比利时荷语鲁汶大学
联系电话:	+32 16 332616
地址:	KU Leuven-BIOMAT, Department of Oral Health Sciences, Kapucijinenvoer 7, blok a - box 7001, 3000 Leuven, Belgium

教育背景

2005.09-2012.06	武汉大学口腔医学七年制(本科及硕士) (导师: 陈智教授, 武汉大学口腔医学院副院长)
2013	医师执业证(No. 201242120429004198807120328)
2012.12-2012.12	荷语鲁汶大学(KU Leuven) 生物医学博士 (2015 TIMES大学世界排名第35名; 2015 QS 牙科世界排名第5位) (导师: Bart Van Meerbeek教授, IADR欧洲分会总秘书长, 国际粘接权威) 博士课题“牙本质再矿化及暴露牙髓组织牙本质桥的修复”,于2016年12月20日顺利通过博士论文答辩。
2012.12至今	荷语鲁汶大学(KU Leuven) 生物医学博士后

学术成果

博士研究集中于评估**钙硅生物活性材料**如 ProRoot MTA, Biodentine 等诱导**牙本质再矿化**及**盖髓修复**的效果, 拟提出有效的临床操作可行的仿生再矿化技术。实验采用体外离体牙窝洞模型, 评估不同材料诱导矿化的效率。 研究发现钙硅生物活性材料诱导的再矿化并不稳定均一。自行制备的钙硅材料 **TCS 50**, 显示出良好的机械性能, 生物相容性, 而且降低了当前钙硅材料高昂的生产成本。 TCS 50 能有效诱导牙本质矿化并促进牙髓干细胞的增殖, 迁移及分化 , 进而诱导牙髓再生。博士后研究主要集中于动物模型中自制钙硅材料 TCS 50 盖髓效果的评估。

发表论文情况

1 **Li X**, De Munck J, Yoshihara K, Pedano M, Van Landuyt K, Chen Z, Van Meerbeek B. Re-mineralizing dentin using an experimental tricalcium silicate cement with biomimetic analogs. Dental Materials 2017 (accepted for publication) (Impact Factor: 3.90)

2 **Li X**, De Munck J, Van Landuyt K, Pedano M, Chen Z, Van Meerbeek B. How effectively do hydraulic calcium-silicate cements re-mineralize demineralized dentin? Dental Materials 2017 (accepted for publication) (Impact Factor: 3.90)

3 **Li X**, Yoshihara K, De Munck J, Cokic S, Pongprueksa P, Putzeys E, Pedano M, Chen Z, Van Landuyt K, Van Meerbeek B. Modified tricalcium silicate cement formulations with added zirconium oxide. Clinical Oral Investigations 2016 (in press) (Impact Factor: 2.21)

4 **Li X**, Pongprueksa P, Van Landuyt KL, Chen Z, Pedano M, Van Meerbeek B, De Munck J. Correlative micro-Raman/EPMA analysis of the hydraulic calcium silicate cement interface with dentin. Clinical Oral Investigations 2016; 20(7):1663-73. (Impact Factor: 2.21)

5 **Li X**, Pongprueksa P, Van Meerbeek B, De Munck J. Curing profile of bulk-fill resin-based composites. Journal of Dentistry 2015; 43(6):664-72. (Impact Factor: 3.11)

6 Van Ende A, Van de Casteele E, Depypere M, De Munck J, Li X, Maes F, Wevers M, Van Meerbeek B. 3D volumetric displacement and strain analysis of composite polymerization. Dental Materials 2015; 31(4):453-61. (Impact Factor: 3.90)

国际会议

1 **Li X**, Pedano M, Li SC, Sun ZY, De Munck J, Van Landuyt K, Chen Z, Van Meerbeek B. Proliferation and migration of human dental pulp stem cells when exposed to an experimental zirconium oxide containing tricalcium silicate cement. IADR PBRG Symposium, June 26-28, 2016, Nagoya, Japan.

2 Pedano M, **Li X**, Van Landuyt K, Van Meerbeek B. Non-set Calcium Silicate Cements Favors Migration Ability of Human Dental Pulp Cells. PER-IADR, September 20-22, 2016, Jerusalem, Israel. Journal of Dental Research. 95(Spec Iss B):102.

3 **Li X**, De Munck J, Pongprueksa P, Van Landuyt K, Van Meerbeek B. Remineralization of partially demineralized dentin using calcium-silicate cements. CED-IADR meeting, October 15-17, 2015, Antalya, Turkey. Journal of Dental Research. 94(Spec Iss B):389.

4 **Li X**, De Munck J, Pongprueksa P, Cokic S, Van Landuyt K, Van Meerbeek B. Effect of zirconium oxide on mechanical and chemical properties of tricalcium silicate cements. The

6th International Congress on Adhesive Dentistry, January 31 – February 1, 2015, Bangkok, Thailand.

5 **Li X**, De Munck J, Pongprueksa P, Van Landuyt K, Van Meerbeek B. Chemical interaction of calcium-silicate cements with demineralized dentin. IADR/PER congress, September 10-13, 2014, Dubrovnik, Croatia. Journal of Dental Research. 93(Spec Iss C):14.

6 **Li X**, Pongprueksa P, De Munck J, Van Meerbeek B. Degree of conversion of a fiber-reinforced composite measured by micro-Raman. CED-IADR meeting, September 4-7, 2013, Florence, Italy. Journal of Dental Research. 92(Spec Iss B):535.

7 De Munck J, **Li X**, Pongprueksa P, Van Ende A, Van Meerbeek B. Correlative micro-Raman/EPMA analysis of the calcium-silicate cement interface with dentin. CED-IADR meeting, September 4-7, 2013, Florence, Italy. Journal of Dental Research. 92(Spec Iss B):191.

参与项目情况

2015.01至今	FWO(比利时国家科研基金会)科研项目(No. G.0893.15) “Towards an improved dental pulp capping therapy” 项目起于2015年1月止于2018年12月,项目经费62.5188万欧元

荣誉奖励

2016	FWO(比利时国家科研基金会)学术交流奖(No. K119217N)
2016	FWO(比利时国家科研基金会)学术交流奖(No. K178116N)
2016	鲁汶大学开拓视野奖
2015	CED-IADR旅行者奖
2015	FWO(比利时国家科研基金会)学术交流奖(No. V4.608.15N)
2012-2016	CSC(国家留学基金委)资助国家建设高水平大学公派研究生项目 (No.201206270126)