



APPENDIX

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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**PRESENTATIONS IN INTERNATIONAL CONFERENCES AND
PUBLICATIONS CONCERNED BY AUTHOR**

Publications

1. P. Yavirach, P. Chaijareenont, D. Boonyawan, K. Pattamapun, **S. Tunma**, H. Takahashi and M. Arksornnukit “Effect of plasma treatment on the shear bond strength between fiber-reinforced composite posts and resin composite for core build-up”, *Dental Materials Journal* (2009), 28(6), 686-692. (Impact Factor = 1.14: source: Journal citation reports 2011)
2. C. Chaiwong, **S. Tunma**, W. Sangprasert, P. Nimmanpipug and D. Boonyawan “ Graft Polymerization of Flame-Retardant Compound onto Silk via Plasma Jet”, *Surface and Coating Technology* (2009), 204, 2991-2995. (Impact Factor = 1.87: source: Journal citation reports 2011)
3. D. Boonyawan, S. Sarapirom, **S. Tunma**, C. Chaiwong, P. Rachtanapun and R. Auras “Characterization and antimicrobial properties of fluorine-rich carbon film deposited on poly(lactic acid)”, *Surface and Coating Technology* (2011), 205, s552-s557. (Impact Factor = 1.87: source: Journal citation reports 2011)
4. **S. Tunma**, K. Inthanon, C. Chaiwong, J. Pumchusak, W. Wongkham and D. Boonyawan “Improving the Attachment and Proliferation of Umbilical Cord Mesenchymal Stem Cells on Modified Polystyrene by Nitrogen-containing Plasma”, *Cytotechnology* (2013), 65, 119-134. (Impact Factor = 1.21: source: Journal citation reports 2011)

Patent

1. สิทธิบัตรการประดิษฐ์เรื่อง กระบวนการผลิตฐานรองชีวภาพจากริงใหม่เพื่อการเลี้ยงเซลล์
ต้นกำเนิดด้วยเทคนิคพลาสมา เลขที่คำขอ 1101003085

Presentations

1. **S. Tunma**, P. Yavirach, S. Daungsuriya, U. Sermchaiwong, C. Umongno and D. Boonyawan “Effect of Plasma Treatment on Adhesion of Dental materials” Manuscript of International Workshop on Plasma Diagnostics & Applications, 2-3 July 2009, National Institute of Education (NTU), Nanyang Technological University, Singapore (Poster presentation)
2. **S. Tunma**, C. Chaiwong, C. Umongno, D. Boonyawan “Antibacterial activity of fluorinated DLC films prepared by inductively-coupled discharge plasma”

Manuscript of Siam Physics Congress (SPC 2010), 25-27 March 2010, Sai Yok, Kanchanaburi, Thailand (Poster presentation)

3. **S. Tunma**, D. Boonyawan, W. Wongkham and K. Inthanon “Nitrogen-containing Plasma Modification on Polymeric Culture Dish for Stem Cell Attachment and Proliferation” 3rd International Symposium on Advanced Plasma Science and its Applications for Nitrides and Nanomaterials (ISPlasma 2011), 6-9 March 2011, Nagoya Institute of Technology, Nagoya, Japan (Poster presentation)
4. **S. Tunma**, D.H. Song, S.E. Kim, B.C. Shim, J.S. Lee, W. Long, K.N. Kim, J.H. Han and D. Boonyawan “Covalent Grafting of Natural Silk Protein Molecules onto Plasma modified-PS Culture Dish Used for Serum-free hMSCs Culture”, International Workshop on Advanced Plasma Technology for Green Energy and Biomedical Applications (APT 2012), 24-26 August 2012, Faculty of Science, Chiang Mai University, Chiang Mai, Thailand (Oral presentation)

Research Training

1. Training about plasma sputtering system and plasma enhanced chemical vapor deposition (PECVD) system at Center for Advanced Plasma Surface Technology (CAPST), Sungkyunkwan University, Republic of Korea, 2 January-31 May 2012

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