

Curriculum Vitae



Associate Professor Ooi Chui Ping

Head, Biomedical Engineering Programme
School of Science & Technology

Tel : +65 6248 5986

Education Qualifications

2000	Ph.D. (Materials Science & Metallurgy), University of Cambridge
1997	M.Sc. (Polymer Chemistry), University of Malaya
1995	B.Sc. (Honours, Chemistry), University of Malaya

Academic and Professional Experience

2005 - 2008	Assistant Professor, Division of Bioengineering, School of Chemical & Biomedical Engineering, Nanyang Technological University
2000 - 2004	Assistant Professor, School of Materials Engineering, Nanyang Technological University
1997 - 1999	Academic tutor, Department of Materials Science and Metallurgy, University of Cambridge, UK
1995 - 1996	Academic tutor, Department of Chemistry, University of Malaya, Malaysia

Memberships and Professional Activities

- Chartered Engineer, UK
- Member of Institute of Materials, Minerals and Mining, East Asia & UK

Research Interests

- Particle engineering; Biodegradable polymers/bioceramics composites; Controlled, targeted drug delivery; Growth factors modulation; Polymeric scaffolds

Selected Publications

- Yan Li, Jiahui Ho, Chui Ping Ooi, Antibacterial Efficacy and Cytotoxicity Studies of Copper(II) and Titanium(IV) Substituted Hydroxyapatite, *Material Science and Engineering C*, Volume 30, Issue 8, 12 October 2010, Pages 1137-1144
- Y. Li, C. P. Ooi, P. Cheang, and K. A. Khor, Synthesis and characterization of neodymium(III) and gadolinium(III) substituted hydroxyapatite, *International Journal of Applied Ceramic Technology*, 2009, 6 (4): 501-512.
- L. Budyanto, Y.Q.Goh, C. P. Ooi, Porous poly(L-lactide) (PLLA) scaffolds using liquid-liquid phase separation and freeze extraction, *Journal of Materials Science: Materials in Medicine*, 2009, 20(1):105-111
- X. Chen, C. P. Ooi, Hydrolytic Degradation And Drug Release Properties of Ganciclovir-Loaded Biodegradable Microspheres, *Acta Biomaterialia*, 2008, 4(4), 1046-1056

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