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Researcher (postdoctoral) at Faculty of pharmaceutical science, Hokkaido University, JAPAN: JSPS 2007-2009; JST CREST 2009-2010; And other grants to September 4, 2013.

Associate Professor: Department of Pharmacy, University of Rajshahi, Bangladesh (Jan 2005-Nov 2007)

Assistant Professor: Department of Pharmacy, University of Rajshahi, Bangladesh (Sept 1999-Dec 2004)

Lecturer: Department of Pharmacy, University of Rajshahi, Bangladesh (Sept 1996-Aug 1999).

Education

PhD: 2004 (Materials science and Engineering: Drug Delivery System), Shinshu University, JAPAN

Master of Engineering: 2001 Kansei Engineering, Shinshu University, JAPAN

Master of Pharmacy: 1994 University of Dhaka, Bangladesh

Bachelor of Pharmacy: 1991 University of Dhaka, Bangladesh

Selected Publications

1. Hidetaka Akita, Soichiro Ishii, Naoya Miura, **Sharif M. Shaheen**, Yoshiro Hayashi, Takashi Nakamura and Hideyoshi Harashima, A DNA microarray-based analysis of immune-stimulatory and transcriptional responses of dendritic cells to KALA-modified nanoparticles, *Biomaterials* 34 (2013) 8979-8990.
2. Patent : Harashima Hideyoshi, Akita Hidetaka, **Sharif Mohammad Shaheen**, Nakamura Akashi, Ishii Soichiro, Futaki Shiroh, 2010-097888, Pct/Jp2011/053963; Jp/21.04.10/Jpa 2010097888; Wo 2011/132713 A1
3. Shaheen SM, Akita H., Souchirou I, Miura N, Harashima H, A potential non-viral vector to transfect Bone Marrow Derived Dendritic Cell (BMDC) and thereby MHC-Class I antigen presentation might be a potential use in DNA vaccine for carcinoma, *Cancer Res*; 72(24 Suppl.3) 2012.
4. **Sharif M Shaheen**, Hidetaka Akita, Atsushi Yamashita, Ryo Katoono, Nobuhiko Yui, Vasudevanpillai Biju, Mitsuru Ishikawa, and Hideyoshi Harashima, Quantitative analysis of condensation/decondensation status of pDNA in the nuclear sub-domains by QD-FRET, *Nucleic Acid Research* 2011;39(7):e48. [Impact factor 8.278]
5. **Sharif M Shaheen**, Hidetaka Akita, Takashi Nakamura, Shota Takayama, Shiroh Futaki , Atsushi Yamashita, Ryo Katoono , Nobuhiko Yui and Hideyoshi Harashima, KALA-modified multi-layered nanoparticles as gene carriers for MHC Class-I mediated antigen presentation for a DNA vaccine, *Biomaterials* 2011;32(26):6342-50. [Impact factor: 7.6]
6. **S. M. Shaheen**, and K. Yamaura, Preparation of theophylline hydrogels of atactic poly(vinyl alcohol)/NaCl/H₂O system for drug delivery system, *J. Controlled Release*, **81** (2002) 367-377. [Impact factor 7.63]
7. **S. M. Shaheen**, K. Ukai, L.-X. Dai and K. Yamaura, Properties of hydrogels of atactic poly (vinyl alcohol)/NaCl/H₂O system and their application to drug release, *Polymer International*, **51** (12): 1390-1397 (2002). [Impact Factor: 2.137]
8. **S. M. Shaheen**, and K. Yamaura, Mass Transfer from Theophylline Hydrogels of *a*-PVA/H₂O and *a*-PVA/NaCl/H₂O System on Heating, *Polym. Adv. Tech.*, **14**, 686-693 (2003). [Impact factor 1.532]
9. **S. M. Shaheen**, K. Takezoe and K. Yamaura, Effect of Binder Additives on Terbutaline Hydrogels of *a*-PVA/NaCl/H₂O system in Drug Delivery: I. Effect of Gelatin and Soluble Starch, *Bio-medical Mater. and Eng.* **14** (4): 371-382 (2004).
10. L.-X. Dai, K. Ukai, **S. M. Shaheen** and K. Yamaura, Gelation of New Hydrogel System of *atactic*-Polyvinyl Alcohol/NaCl/H₂O, *Polymer International*, **51**: 715 (2002).

Research field of interest: Pharmaceutics, Molecular Pharmaceutics, Drug Delivery System, Tissue Engineering using Hydrogel Scaffolds, Peptid/Protein/ Gene delivery, DNA vaccination, siRNA, shRNA delivery, Nanomedicines for molecular future therapy: Immunotherapy, Cancer prevention and other genetic disease management.