

Curriculum Vitae: Sayed M. A. Salam Ph.D.

Personal details

Date of birth: November 06, 1968

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Education

- 2002 – 2006 Doctor of Philosophy (PhD.): Functional Systems Engineering, Faculty of Engineering, The University of Tokushima, JAPAN.
- 1992– 1994 Masters of Science (MSc.): Dept. of Applied Chemistry and Chemical Technology, Faculty of Science, Rajshahi University, BANGLADESH.
- 1988 – 1992 Bachelor of Science (B.Sc, 1993): Dept. of Applied Chemistry and Chemical Technology, Faculty of Science, University of Rajshahi, BANGLADESH.

Professional Experience

- 2006 – Date Associate Professor, Department of Applied Chemistry and Chemical Technology, Rajshahi University.
- 2000 – 2006 Assistant Professor, Department of Applied Chemistry and Chemical Technology, Rajshahi University.
- 1997 – 2000 Lecturer, Department of Applied Chemistry and Chemical Technology, Rajshahi University.

Awards and Scholarship

- 2006 International Exchange Research Award (for Excellent Ph.D work.), The University of Tokushima, JAPAN.
- 2002 Japanese Government Scholarship (Monbukagakusho, for Ph.D, Program).
- 1996 Engineer Akbar Hossain Scholarship (excellent result for M.Sc), Rajshahi University
- 1992 University Scholarship (excellent result for B.Sc Honors), Rajshahi University.
- 1979 Primary School Scholarship, Bangladesh Government Scholarship.

Research Background

Research in PhD: Biochemical and Bioprocess Engineering: Enzyme-Catalyzed Peptide Synthesis, Enantio-selectivity, Optical resolution.

Research in M.Sc.: Extraction, Separation, Purification, Identification and Structure Determination of Plant Extract Compounds.

Research Interest

Bioprocess: Enzyme-catalyzed peptide synthesis and related areas

Professional Memberships

Professional Memberships: The Society of Chemical Engineers (SCEJ), Japan, The Chemical Society of Japan (CSJ), Bangladesh Chemical Society (BCS, LM -1142).

Presentation at Conferences or Seminar

Sept. 2006 : Attended and Presented Poster. 38th Autumn Meeting of Chemical Engineers, Japan, Fukuoka, Japan

2005 (15-20th December): Attended and Presented Poster, The 2005 International Chemical Congress of Pacific Basin Societies (PACIFICHEM 2005). Honolulu, Hawaii, USA.

Sept. 2005: Attended and Presented Poster, 37th Autumn Meeting of Chemical Engineers, Okayama, Japan,

March 2005: Attended and Presented Poster, 70th Annual Meeting of The Society of Chemical Engineers, Japan (F-303), Nagoya, Japan

2004 (17-21th October) : Attended and Presented Poster, The 10th Asian Pacific Confederation of Chemical Engineering, Kitakyushu, Japan.

April 2004: Attended and Presented Poster, 69th Annual Meeting of the Society of Chemical Engineers, Sakai Japan,

Select Publications

1. S. Kubo, K. Kagawa, **S. M. A Salam** and K. Kawashiro: Broadening of substrate acceptance using the carbamoylmethyl ester as acyl donor in α -chymotrypsin-catalyzed peptide synthesis, *Journal of Peptide Science* submitted (2009).
2. A. Rahman, T. Alam, **S M A Salam**, A. Zaman, and S. Zaman: Isolation of the flavor compound from *Pandanus fascicularis* and synthesis of it with a developed method, *Journal of Scientific Research*, submitted, (2009).
3. M. Jesmin, M. M. Ali, **S. M. A. Salam**, M. F. Islam, J. A. Khanam and M.N. Islam Pesticidal Activities of Some Schiff Bases derived from Benzoin, Salicylaldehyde, Amino-phenol and 2, 4-Dinitrophenyl Hydrazine *Journal of Scientific Research*, accepted (2009).
4. M. R. Ali, R. K. Biswas, **S. M. A. Salam**, A. Akhter, A. K. Karmakar and M. H. Ullah: "Solvent Extraction of Fe^{3+} From Aqueous Chloride Solution by Cyanex 302 Dissolved in Kerosene, *Bangladesh Journal of Scientific and Industrial Research*, submitted (2009).
5. M. Jesmin, M. M. Ali, **S. M. A. Salam**, M. R. Habib and J. A. Khanam: Mercury (II) Cystine Complex as Antineoplastic Agent *Med. J. Islamic Academy of Sciences*, Turkey, submitted, (2008).
6. M. R. Ali, R. K. Biswas, **S. M. A. Salam**, A. K. Karmakar, M. H. Ullah, and A. Islam, : "Solvent Extraction of Fe^{3+} From Aqueous Chloride Solution by Cyanex 301 Dissolved in Kerosene *Bangladesh Journal of Scientific and Industrial Research*, submitted (2009).

7. **S. M. A. Salam**, K. Kagawa, T. Matsubara and K. Kawashiro: Protease-catalyzed dipeptide synthesis from N-protected amino acid carbamoylmethyl esters and free amino acids in frozen aqueous solutions, *Enzyme and Microbial Technology*, **43**, 537-543 (2008).
8. **S. M. A. Salam**, K. Kagawa and K. Kawashiro: α -Chymotrypsin-catalyzed peptide synthesis in frozen aqueous solution using N-protected amino acid carbamoylmethyl esters as acyl donors, *Tetrahedron Asymmetry*, **17**, 22-29 (2006).
9. **S. M. A. Salam**, K. Kagawa and K. Kawashiro: α -Chymotrypsin-catalyzed peptide synthesis using N-protected D-amino acid carbamoylmethyl esters as acyl donors, *Biotechnology Letters*, **27**, 1199-1203 (2005).
10. A. K. M. Nasimul Islam, M. Abbas Ali, Abu Sayeed, **S. M. A. Salam**, Anwarul Islam, Motiur Rahman, G. R. M. Astaq Mohal Khan and Seatara Khatun: An antimicrobial terpenoid from *Caesalpinia pulcherrima* Swartz.: Its characterization, antimicrobial and cytotoxic activities, *Asian Journal of Plant Sciences, Pakistan*, **2** (17-24), 1162-1165 (2003).
11. Farque Ahmed, Abu Sayeed, Anwarul Islam, **S. M. A. Salam**, Golam Sadik, M. A. Satter and G. R. M. Astaq Mohal Khan: Antimicrobial activity of extracts and a glycoside from *Vanda roxburghii* Br, *Pakistan Journal of Biological Sciences*, **5**, 189-191 (2002).
12. Farque Ahmed, Abu Sayeed, Anwarul Islam, **S. M. A. Salam**, Golam Sadik and G. R. M. Astaq Mohal Khan: Characterization and *in vitro* antimicrobial activity of 17- β -hydroxy-14,20-epoxy-1-oxo-[22R]-3 β -[O- β -d-glucopyranosyl]-5, 24-withadienolide from *Vanda Roxburghii* Br, *The Sciences, Pakistan*, **1**, 324-326 (2001).
13. A. H. Molla, M. Fida Hasan, T. M. Alamgir Azad, **S. M. A. Salam** and M. T. Alam: Biochemical and nutritional Status of *Eutropiichthys vacha* Hamilton-Buchanan (*Fam. Schilbeidae*) *J. Bio. Sci.*, Rajshahi University, Bangladesh, **8**, 23-26 (2000).
14. A. H. Molla, **S. M. A. Salam** and M. M. Rahman: Antibacterial activity of the leaf stem of *Borassus flabellifer* Linn., *Rajshahi University Studies Part-B*, Bangladesh, **27**, 41-44 (1999).

Referees

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