Dina S. Kudasheva, PhD
DOB : 25 .03. 1975. Georgievsk,
Stavropol Territory, Russia

Education

1. Mendeleyev University of Chemical Technology Moscow, Russia
BS with Honors (Chemical Engineering) GPA 4.0
09/1992 – 06/1996
Department of Composite Materials

- **Thesis**: "Phtostability of Dyes in Thin film layers"

Department of Composite Materials
MS with Honors (Polymer Chemistry) GPA 4.0
09/1996 – 06/1998
Thesis: "Tribochemical Synthesis of Piromellit-Amidoacids Oligomers".

Student AWARDS

- Soros Scholarship Fellow of the year 1997.

Student Internship

- Recipient of ERU program, Photochemical Center
  Bowling Green State University
  Bowling Green, OH, USA

2. Polytechnic University, (NYU), NY, NY, USA
Department of Biomedical Sciences and Engineering
PhD in Biochemistry with Minor in Polymer Chemistry GPA 3.8 09/99-09/03
Dissertation: "Structure and Chemistry of Polynuclear Iron Oxyhydroxide Nanoparticles in Parenteral Formulations".
Area of research: carbohydrates as legands for nanoparticles, Hyaluronan's Medial Application.

PROFESSIONAL EXPERIENCE

1. Postdoctoral position at NSF Center for Biocatalysis & Bioprocessing of Macromolecules, Brooklyn, NY, USA.
Area of research: environmentally friendly" routs for polymers degradation, enzymatic hydrolysis of polymers.
07/03-10/04

2. Luitpold Pharmaceuticals, Inc.), Shirley, NY, USA
R&D Product Development Scientist

Area of research: Anemia parenteral formulations (nanoparticles suspensions), Cancer therapeutic I.V. injections.
10/2004 – 01/2008

3. 01/2008- till now: Solvay Biologicals BV, The Netherlands
Subject- Matter Expert (Senior Scientist)
Area of research: Development of Pandemic Influenza Vaccines

SELECTED PUBLICATIONS

- Shah V, Badia D, Kudasheva D., 2009. Alkaline Sucrose asa Solvent for Delivery of Water – Insoluble Drugs. Folia Microbiol. 54(3) 195-198 .

- Cowman M K, Spagnoli C., Kudasheva D., Li, M., Et al., 2005. Extended, Relaxed, and Condensed Conformations of Hyaluronan Observed by Atomic Force Microscopy. Biophysical J., 88 (1) 590-602.

- Kudasheva D. S., Lai J., Ulman A. and Cowman M. K., 2004. Size and Stability of Carbohydrate-Bound Polynuclear Iron Oxyhydroxide Nanoparticles in Parenteral Formulations. J Inorg. Biochem. 98(11), 1757-1769.

- Tarasenko O., Nourbakhsh S., Kudasheva D., et al, 2006, Scanning Electron and Atomic Force Microscopy to Study Plasma Torch Effects on B. *cereus* Spores. IEEE Transactions on Plasma Science, 34(4), in print.

- Kudasheva D. S., Kulshrestha A. S. and Gross R., 2004. Visualizing the Microstructure of a Hyperbranched Aliphatic Polyester by Atomic Force Microscopy. Macromolecules, submitted.

- Kulshrestha A. S., Gao W., Kudasheva D. and Gross R., 2004. Lipase-Catalyzed Route to Hyperbranched Polymers with Dendritic Glycerol Units. Polymer Preprints, 45(2), 95.

- Kazakov S., Kaholek M., Kudasheva D., Teraoka I., Cowman M. K. and Levon K., 2003. Liposomes, Lipobeads, Nanogels, and Hydrogel Nanofilms: Atomic Force Microscopy and Dynamic Light Scattering Study. Langmuir; 19(19), 8086-8093.

- Krasnov A.P., Kudasheva D. S., Lioznov B. S., Mit' V.A., Dubovik I. I., 2003. Tribochemical Synthesis of Piromellit-Amidoacids Oligomers. In Focus on Chemistry and Biochemistry, (Zaikov G. et al., ed.) Nova Science Publishers, Inc., New York, 93-105.

- Krasnov A. P., Kireev V. V., Mit' V. A., Kudasheva D. S. and Komarova L. I., 2000. Several features of tribochemical synthesis based on aromatic amines. High Performance Polymer, 12, 395-404.

- Krasnov A. P., Kudasheva D. S., Lioznov B. S., Mit' V. A., Zverev D. V., 1999. Investigation of Melamine Acylation under the Conditions of Triboreactor. Polymer Science, A, 39(4), 391-396.

- Jager W. F., Kudasheva D. S., Neckers D. C., 1996. Organic Donor-À-Acceptor Salts: A New Type of Probe for Monitoring Photopolymerization Processes. Macromolecules, 29(23), 7351-7355.