

PROFILE DR. ALIA NAWAZ

Dr. **Alia Nawaz**, a Canadian citizen, belong to a highly regarded family. Dr. Alia has respectable and decent relationship with her students, teachers, classmates, colleagues, coworkers, employers and employees. Her family, friends and relatives are pillars of strengths throughout her life.

Dr. Alia is highly focused, determined, enthusiastic, innovative qualified professional with consistent and progressive experience in the multinational pharmaceutical industry, educational and research institutes, universities, and colleges, for last two decades, located in North America, Europe, and Asia. She travelled a lot for studies, seminars, and conferences and visited beautiful places all over the world.

Being a forward thinker, Dr. Alia has learnt new technologies in Bio-sciences. Alia always accept challenges and won all of them conscientiously. Computer is the need of the modern era; Dr. Alia is no exception so she has learnt it professionally for its maximum use. She has command of automated data acquisition systems and other laboratory software, Microsoft Office (business professional) and designing software. She efficiently use all related software to enhance her professional career.

Presently, Dr. Alia own multiple businesses and running all corporations efficiently as a President, CEO and Corporate executive, also working as a pharmaceutical, bioscience and business consultant.

EDUCATION

Dr. Alia has wide-ranged educational background related with medical field, Completed PHD in protein Chemistry, Comprehensive studies of Biology, Bio-Chemistry, Medicinal Chemistry, Organic Chemistry, Pharmaceutical Chemistry (almost all branches of chemistry), Pharmacology, Microbiology, Human Physiology, Human Anatomy, Genetics, Nutrition, Natural Health Products, and various medical subjects: **List of some Educational degrees:**

Ph. D. [Protein Chemistry] Karolinska Medicinal Institute, Stockholm Sweden / H.E.J. Research Institute of Chemistry

“Elucidation and Characterization of Primary Structure of various functional proteins”

Diploma (Pharmaceutical Research and Development technology), Toronto Institute of Pharmaceutical Technology

M. Sc. First Class, [Major organic chemistry], Subsidiary: Pharmaceutical, Analytical, Inorganic, Industrial, Physical, Advanced Organic chemistry, Syntheses, Spectroscopy

B. Sc. (Honors) First Class, [Major Physiology, Chemistry, Bio-Chemistry]

And so much more in education...

CONTINUING EDUCATION AND PROFESSIONAL TRAINING

- Certified in HPLC (**Advanced**), Method Validation
- Certified in HPLC Level II (**practical application**)
- Certified in Pharmaceutical Laboratory Testing – **Advanced Level**
- And many certification courses related to pharmaceutical Industry
- Certified in Technical Writing and Communication
- Certified in Regulatory affairs
- Trained in Good Manufacturing Practices
- Trained in HPLC and FPLC Karolinska Institute, Chem. 1 Stockholm Sweden
- Attended several professional seminars and conferences including Noble Prize Ceremony
- And So much more...

WORK EXPERIENCE SUMMARY

Dr. Alia has worked for two decades in Pharmaceutical and health care Industry and Research Laboratories.

- **I have extensive work experience** in multinational pharmaceutical industry, chemistry, life Sciences and microbiology labs.
- **Quality Control**, proficiency in chromatography, spectroscopy and wet chemistry techniques, performed and supervised, identification, potency, content uniformity, impurity tests for various dosage form, sound knowledge of cGMP, GLP, WHMIS, SUPAC, FDA and all regulatory guidelines
- **Lab Equipment** operated and maintained laboratories equipment including HPLC, FTIR, Dissolution apparatus, UV/VIS Spectrophotometer, and all other lab instruments.
- **Quality Assurance**, Root Cause Analysis, Quality Risk Management, Policies / Frameworks / Procedures, Documentation, Technical Writing, Product development, Product Launches, Leadership, Training, and Supervision
- **Research and Development**, literature studies to evaluate physiochemical properties and pharmacokinetics information of active drug materials (API) and drug products
- **Formulation and R & D Manufacturing**, formulated, manufactured and analyzed immediate and controlled release tablets, worked for new methods development and validation.
- **Bio-availability and Bioequivalence studies**, performed BA and BE for all R & D formulated and manufactured lots. Performed dissolution tests for new products, comparison of dissolution profile of Innovator's and generic tablets
- **Computer expertise**, command of automated data acquisition systems and other laboratory software, Microsoft Office 2010 (business professional) and designing software.
- **Protein Research and Publications**, comprehensive Research studies and experience in protein and medicinal chemistry. complex structure elucidation of many functional proteins, especially blood protein, (haemoglobins)

REASERCH WORK

Karolinska Institute Stockholm Sweden / HEJ Research Centre

Doctoral Research, supervisor Prof. Hans Jornvall and Prof. Z. H. Zaidi

- Isolated and purified various proteins and new natural products using HPLC and classical methods (solvent extraction, column chromatography).
- Developed sound knowledge of modern chromatographic spectroscopic techniques
- Elucidated primary structures of various functional proteins especially haemoglobins, by using chromatographic techniques, ultra-centrifuge, lyophilization, electrophoresis, HPLC, etc
- Performed literature searches and maintained record of methods developed based on information gained from scientific literature for use in troubleshooting procedures.

ACHIEVED GOALS

- Dr. Alia completed Ph.D. in protein chemistry
- Received Scholarships three times during my studies
- Lot of Scientific publications, presentations and Awards and prizes
- Doctoral Research Scholarship from Swedish Institute and Karolinska Institute Stockholm, Sweden
- Post-doctoral fellowship from HEJ Research Institute of Chemistry
- Attended Noble Prize ceremony and several professional seminars and international conferences
- Published research papers in international journals and presented in international conferences
- I have worked for two decades in Pharmaceutical and health care Industry

NEW GOALS

Dr. Alia is highly determined, enthusiastic, innovative, qualified professional; believe in consistent and progressive efforts, presently Dr. Alia has set higher level of goals:

- My new mission is to Build Medical Centre, with all Health care facilities for serving community and humanity!
- My passion is to achieve Nobel Prize in medicine / medicinal chemistry / physiology, and I am confident that I will get it, some day!
- Pharmaceutical Manufacturing plant for all dosage form, with testing and research laboratories.

All projects are related to each other, there is no greater privilege than to work for betterment of human health, and no more exciting arena in which to do so than through discovery of new medicines. It is all about saving and improving human lives all over the World.

ABILITIES and STRENGTHS

Personal Attributes	Professional Skills
<ul style="list-style-type: none">➤ Can do Attitude➤ Positive thinking➤ Loving, caring, helpful and nice➤ Highly organized➤ Diligent, dedicated, dependable and responsible➤ Powerful interpersonal and presentation skills➤ Strong will power to control all difficulties➤ Exceptional problem solving abilities➤ Punctual, regular, attentive, and devoted	<ul style="list-style-type: none">➤ Hard worker to achieve the best➤ Focused to complete assignment on time➤ Goal-oriented, able to work under pressure➤ Computer professional➤ Ready to learn new technologies➤ Command in English language➤ Efficient written and oral communication expertise➤ Ability to work in multi-tasks, diversified and fast-paced environment➤ Work equally well, as a team leader and within a team

DR. ALIA NAWAZ PROFESSIONAL ACHIEVEMENT

Recognition of excellence, Honours & Awards

- Dr. Alia Nawaz, registered and selected a Delegate of Women of Outstanding Leadership, from The International Women's Leadership Association, for recognition of her consistent Excellence and Outstanding Leadership in the Pharmaceutical Industry. July 2016
- Honour to inclusion in Strathmore's WHO's WHO, *acceptance is limited to individuals who have demonstrated Leadership and Achievement in their Professional occupation and Industry*, 2016

- Selected Top Female Executives, from The International Women's Leadership Association. July 2016 Dr. Alia H Nawaz, *Recognizes and qualified for inclusion in Worldwide Publishing's Prestigious Roster of Top Female Executives in Honor of Outstanding Professional, Excellence and Dedication.*
- *Received an honorary membership and Continental Award, dedicated to the recognition of excellence who has demonstrated outstanding leadership and achievement in their occupation, Industry and profession, 2015*
- Received Continental Award for Outstanding Leadership, The Continental's Leadership Association. November 2014.
- Received Women of Outstanding Leadership, from The International Women's Leadership Association. August 2013
- *Received an Award in recognition of her Contribution to Family, Career and Community as a Women of Outstanding Leadership by declaration of the Executive Committee of the International Women's Leadership Association. 2013*
- Honoured Member, The Global Who's who, March 2013, *Inclusion in The Global Who's who 2013, as an honoured member, in recognition of dedication and demonstrating leadership and achievement in occupation, industry and profession.*
- Inclusion in The Global Who's who 2013, as an honoured member, in recognition of dedication and demonstrating leadership and achievement in occupation, industry and profession, (only few are listed here).
- Selected "VIP member of the year" (2010-2011) in Cambridge who's who, is recognized as a mark of Excellence Honour and Achievement" among Executives, Professionals and Entrepreneurs also inclusion in the directory of 2010-2011 edition
- Honoured member of the Stanford Who's who; inclusion is for demonstrated outstanding leadership and achievement.
- Cambridge Who's Who "life time member" recognition; among Executives, Professionals and Entrepreneurs, and inclusion in the 2010-2011 edition
- Doctoral Research Scholarship from Swedish Institute and Karolinska Institute Stockholm, Sweden
- Post-doctoral fellowship from HEJ Research Institute of Chemistry.
- Attended Noble Prize ceremony and several professional seminars and international conferences.
- Published research papers in international journals and presented in international conferences.
- Employee of the year Award for the Best Performance.
Research Publications, Businesses and Corporations Activities And References are also available.