

Name:

Soroush Sardari L.

Address:

#69-Pasteur Ave.,
Department of Medical Biotechnology,
Pasteur Institute of Iran, Tehran, Iran

Phone:

+98-912-263-2484 (Cell/Mobile) preferred
+98-(21) 6649-2622 (O)
Pasteur Institute: +98-21-66953311(-18) Extension: 2435

e-Mail:

ssardari@hotmail.com (preferred)
sardari@pasteur.ac.ir

Education:

- Ph.D. from Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta in 1998, a GPA of 8.6 out of 9 with award.

The title of my Ph.D. thesis was “Natural Antifungals: Screening, Isolation, Synthesis, and Mechanism of Action”

- Pharm.D. from Tehran University of Medical Sciences in 1992 with a GPA of “A” or 17.7 out of 20, of the top three students.

The title of my Pharm.D. thesis was “Isolation, purification and quantitation of hyperin from *H. scabrum* and Hypiran[®] drop”.

Working, Teaching, and Research Experiences:

Working (Full Professor):

- ✓ 2017-present Full Professor-Research, Pasteur Institute, Tehran
- ✓ 2009-2017 Associate Professor-Research, Pasteur Institute, Tehran
- ✓ 2003-2009 Assistant Professor-Research, Pasteur Institute, Tehran
- ✓ 2013-Present Board of Directors of Medicinal Plant Network, Tehran
- ✓ 2013-2014 Manager of Information Technology Department, Pasteur Institute of Iran, Tehran
- ✓ 2012-Present Scientific Board of National Bio-computational Center, Located at Amol Pasteur Institute.
- ✓ 2011-Present Director of National Health Biotechnology Convention, Tehran
- ✓ 2011-Present Industrial Liaison Deputy of Biotechnology Research Center, Pasteur Institute of Iran, Tehran
- ✓ 2007-Present Head of Bioinformatics Unit, Pasteur Institute, Tehran

- ✓ 2005-Present Director of the Eastern Mediterranean Health Genomics and Biotechnology Network, www.EMHGBN.net, secretariat, a network of EMRO-WHO region.
- ✓ 2005-Present National Pharmaceutical Biotechnology Examining Board, Ministry of Health, Deputy of Education.
- ✓ 2005-Present National Committee of Genetically Modified Organisms, Ministry of Health, Deputy of Food and Drug.
- ✓ 2002-2003 Research Scientist, School of Pharmacy, University of Rhode Island, USA
- ✓ 2000-2002 Assistant Professor, Department of Chemistry, with cross appointment at the Department of Biology Sciences, University College of Cape Breton, Sydney
- ✓ NSREC Industrial fellowship: Analytical Dept. Leader, PharmaDerm-Helix Biopharma Labs, Innovation Place, Saskatoon
- ✓ 1998-1999 Post-doctoral fellow in biotransformation and synthesis of enzyme inhibitors and phytoalexins in Department of Chemistry, University of Saskatchewan

Workshop Managing:

2015: International Workshop of Tips and tricks in the fundamental concepts of GMP and GLP for health related industries, Pasteur Institute, Tehran.

2015-Present: Advanced analytical methods in quality control labs for food drug and biotechnology products, Pasteur Institute, Tehran.

2014-Present: Instrumental Analysis Methods Used in Biotechnology workshop, Pasteur Institute, Tehran.

2014-Present: Immunoinformatics workshop, Pasteur Institute, Tehran.

2014-Present: Cheminformatics workshop, Pasteur Institute, Tehran.

2014-Present: Instrumentation Analysis Methods in Quality Control Labs workshop, Pasteur Institute, Tehran.

2013: International GMP and R&D workshop, Pasteur Institute, Tehran.

2013-Present: HPLC analysis workshop and webinars, Pasteur Institute, Tehran and EMRO region of WHO countries.

2013-Present:: Scientific Writing workshop, Pasteur Institute, Tehran.

2013-Present:: Structural Bioinformatics workshop, Pasteur Institute, Tehran.

2012: International GMP and GLP workshop, Pasteur Institute, Tehran.

Teaching:

2016: International Webinar of Scientific Paper Writing, Pasteur Institute, Tehran.

2016: International Webinar of How to Lead High-tech Biotechnology Research Basics and Application of Circular Dichroism (CD) in Protein Biopharmaceutical Analysis, Pasteur Institute, Tehran.

2015: Teaching International Workshop of Tips and tricks in the fundamental concepts of GMP and GLP for health related industries, Pasteur Institute, Tehran.

2015-Present: Teaching Advanced analytical methods in quality control labs for food drug and biotechnology products, Pasteur Institute, Tehran.

2014-Present: Teaching Instrumental Analysis Methods Used in Biotechnology workshop, Pasteur Institute, Tehran.

2014-Present: Teaching Immunoinformatics workshop, Pasteur Institute, Tehran.

2014-Present: Teaching Cheminformatics workshop, Pasteur Institute, Tehran.

2014-Present: Teaching Instrumentation Analysis Methods in Quality Control Labs workshop, Pasteur Institute, Tehran.

2013-Present: Teaching HPLC analysis workshop and webinars, Pasteur Institute, Tehran and EMRO region of WHO countries.

2013-Present: Teaching Scientific Writing workshop, Pasteur Institute, Tehran.

2013-Present: Teaching Structural Bioinformatics workshop, Pasteur Institute, Tehran.

2012: Teaching Green Chemistry and Drug Design workshop, Pasteur Institute, Tehran, Iran

2011: Developing therapeutic recombinant proteins: from cloning to clinic workshop, Tehran, Iran

2011-present: Ph.D. courses in Ph.D. by Research, Pasteur Institute, (Genetic Engineering and Biotechnology, Bioinformatics and etc)

2007-2009: Networking workshop for the focal person of EMRO countries

2007-present: Teaching many Bioinformatics workshops, Proteins and modeling component, Pasteur Institute

2004-present: Ph.D. courses in Pharmaceutical Biotechnology, Pasteur Institute, (Bioinformatics, Protein Formulation, Protein Chemistry, Microbial Metabolites, Protein Engineering)

2004-present: Medical Biotechnology, Faculty of Science, Tehran University (General Biotechnology)

2004-present: Tehran University of Medical Sciences-Faculty of Pharmacy (Cheminformatics)

2000-2002: Assistant Professor, University College of Cape Breton, Sydney

1996-1997: Instructor for research projects of undergraduate pharmacy students and advisor of two research fellows in natural products and medicinal chemistry

1995-1996: Teaching English in ESS (English Speaking Society), Health Sciences University of Hokkaido, Ishikari-Tobetsu, Hokkaido, Japan for a period of 9 months

1992-1993: Instructor of Pharmacognosy and Phytochemistry in the Department of Pharmacognosy, Faculty of Pharmacy, Shaheed-Beheshti University of Medical Sciences

1991-1992: Instructor of Natural Products Analysis and Identification at Tehran University of Medical Sciences

Research:

- ✓ 2005-present Structural design, feature selection and property prediction of molecules towards synthesis of extraction from natural resources of novel anti-microbial and anti-cancer compounds/peptides with *in vitro* and *in vivo* tests
- ✓ 2005-present Protein engineering and modeling to reach new structures with new and/or improved profile
- ✓ 2005-present Modeling interactions of cellular and molecular targets with candidate compounds and drugs
- ✓ 2009-present Studying and simulating metabolomics pathways in prokaryotic and eukaryotic cells
- ✓ 2005-present New algorithms in drug discovery/design process
- ✓ 2005-present Bioinformatics and Cheminformatics Application in anticancer and antimicrobial drug design discovery: database formation, lead identification based on database mining and protein engineering by modification, peptidomimetics design, protein-protein and ligand-protein docking, large molecule delivery design and interaction study
- ✓ 2005-present Synthesis organic and inorganic drug-like molecules and compounds
- ✓ 2005-present Extraction and purification of natural products
- ✓ 2005-present Evaluation bioactivity and toxicity of novel drug like-compounds and natural products
- ✓ 2003-Present Nanostructure and Protein 3D structure elucidation-impact of downstream and drug interaction effect by circular dichroism spectropolarimetric measurements enhanced using artificial intelligence system, circular dichroism of insulin as an in-process quality control
- ✓ 2003- Present Genetically Modified Organisms (GMOs), metabolic profiling, morphology and biosafety assessment
- ✓ 2003-Present Bioinformatics and Cheminformatics applications in molecular modeling and drug discovery
- ✓ 2003-present Downstream processing of recombinant proteins, human insulin and calcitonin (co-supervisor of two M.Sc. students); Genetically Modified Organisms, (GMO), profiling and identification, viral pathogenesis anti-oxidant interaction (co-supervisor of a Ph.D. student),
- ✓ 2002-present Computer aided design and discovery of antibiotics, and kinase inhibitors and their *in vitro* assay
- ✓ 2002 Supervisor for two students, J. Pearson and C. Robertson for a project on design of educational aids and animation
- ✓ 2001 Supervisor of four summer students, M. Kerr, M. Skinn, A. Taylor, R. Knapton, at UCCB- Diabetes, Environmental analysis, AT-IR and pharmacological study of peptides affecting biomembranes and research on traditional medicine.
- ✓ 2000-2001 Supervisory committee for a thesis student-UCCB molecular biology of tryptophanin gene.
- ✓ 1999 Post-doctoral in Pharmaceutics (liposomes and formulation analysis of proteins and DNA vaccines, analytical techniques using HPLC and CE), College of Pharmacy and Nutrition, University of Saskatchewan, PharmaDerm Labs.

- ✓ 1998–1999 Post-doctoral fellow in biotransformation and synthesis of bioactive compounds agricultural chemistry in Department of Chemistry, University of Saskatchewan.
- ✓ 1993-1998 Research on drug discovery natural product isolation, synthesis and derivatization, and study of their effect on fungi.
- ✓ 1995-1996 Research fellowship in Health Sciences University of Hokkaido, Ishikari-Tobetsu, Hokkaido, Japan; pursued in departments of Microbiology and Pharmacognosy. This research was carried out on the constituents of *Fraxinus*, synthesis of coumarins and fungal dimorphism and ergosterol level under supervision of Drs. S. Nishibe, K. Horita, and Y. Mori.
 - Supervision of one Pharm.D. student in Pharmacognosy research on *Achillea santolina L.*
- ✓ 1988-1991 Research on flavonoids and their purification and analysis by HPLC, during Pharm. D. thesis.
- ✓ Summer student in Immunology, Biochemistry of Pasteur Institute, Tehran, Iran.

Thesis supervisor:

- ✓ Hamid Maedanchi, Ph.D. Chimeric and multi-functional design and evaluation of antimicrobial peptides to determine the properties, structure, antimicrobial activity assay and its cytotoxic effects on human cells, Pasteur Institute of Iran, 2017-present.
- ✓ Ghasem Hosseinnia, M.Sc Synthesis and investigation antibacterial effects of sulfonyl derivatives of semicarbazone, Azad Univercity, 2016-present.
- ✓ Ramin Ebrahimi Kiasari, M.Sc. thesis supervisor, Investigating antimicrobial effects of cop18 (Rabbit) and cop18-C (human peptides and comparing of their specificity for conjugating to lipopolysaccharides (LPS) regarding LPS detection in biological products, Islamic Azad Univercity – Damghan Branch, 2016-peresent.
- ✓ Atefeh Alipour, Post-Doct, Advanced technology of plant cultivation utilized in biomedicine, 2016-present.
- ✓ Mahsa Hosseini, M.Sc. thesis supervisor, Bacterial and fungal biotransformation of plant secondary metabolites and industrially important compounds, Imam Khomeini Univercity, 2016-peresent.
- ✓ Mahdi Soheilizad, Post-Doct, Antidiabetic synthesis and analysis, 2015-2016.
- ✓ Shahrbanou Moradpour, Post-Doct, Synthesis optimization systems and nano-delivery, 2015-2016.
- ✓ Samira Beyrami, Post-Doct, CHO metabolic/protein simulation for erythropoietin, 2014-2016.
- ✓ Mehri Mortazavi, Ph.D. thesis supervisor, Improvement of erythropoietin production process via effect of chemical and molecular inducers in Chinese Hamster Ovary cells, Pasteur Institute of Iran, 2015-present.

- ✓ Parisa Azerang, Ph.D. thesis supervisor, Evaluation and isolation of the membrane-active metabolites of one fungal and two actinomycetes isolates obtained from Iranian soil and pharmacophore study, design and synthesis of the derivatives, Pasteur Institute of Iran, 2014-present.
- ✓ Saied Mostaan, Ph.D. thesis co-supervisor, Studying the immunogenic properties of recombinant protein PIpE from *Pasteurella multocida* , Pasteur Institute of Iran, 2015-present.
- ✓ Ramin Fazel, Ph.D. thesis co-supervisor, Characterization and identification of TNF α blocker recombinant fusion protein, Tehran University, 2013-present.
- ✓ Mojtaba Dehghanian, M.Sc. thesis supervisor, Analysis of crude oil microbial degradation products by TLC for search of intermediate products with possible pharmaceutical application and evaluation of biological effect, Azad University, 2013-present.
- ✓ Aref Rahmatpanahi, M.Sc. thesis supervisor, Investigation on effects of extremely low frequency magnetic fields on dsDNA for design of weak magnetic fields sensitive promoters and/or nano devices, Rabe Rashid Tabriz University, 2015-present.
- ✓ Setareh Ghavami, M.Sc. thesis supervisor, Investigating perceptual patterns and several kinds of intelligences towards finding effective algorithm for similarity search of parameters of biological molecules, Azad University, 2013-2016.
- ✓ Sakineh Shahidi, M.Sc. thesis supervisor, Studying microbial riboswitches for *in silico* discovery and *in vitro* evaluation of inhibitory effects, Payam Nour University, 2014-2016.
- ✓ Nafiseh Rahgozar, M.Sc. thesis supervisor, Bio-cheminformatics and *in vitro* studying Iranian traditional herbs with synergistic antimycobacterial properties against *Mycobacterium bovis*, Payam Nour University, 2013-2015.
- ✓ Ghazaleh Ghavami, Ph.D. thesis supervisor, In vitro, in vivo and molecular based in silico studies on the synergistic properties of two herbal extracts with cisplatin on cancerous model in mice, Pasteur Institute of Iran, 2012-present.
- ✓ Majid Lotfinia, Ph.D. thesis co-supervisor, studying cancerous stem cells, Pasteur Institute of Iran, 2012-present.
- ✓ Yekta Farahani, Pharm.D. thesis supervisor, Studying photochemical characterizations, cytotoxic and antimicrobial effects of different extracts of endemic *Ecballium sp.*, Tehran University of Medical Sciences, 2012-2016.
- ✓ Mahdi Alikhani, M.Sc. thesis supervisor, Evaluating effects of Iranian traditional herbs on blood coagulating process, Payam Nour University, 2012-2015.
- ✓ Mahdiah Mahdavi, M.Sc. thesis supervisor, studying the effect of bEGFR inhibitor bio-molecule on expression level of CD31 in HUVEC cell line, Azad University, 2012-2014.
- ✓ Mona Ghadam, M.Sc. thesis supervisor, studying the effect of VEGFR inhibitor bio-molecule on expression level of CD31 in HUVEC cell line, Azad University, 2012-2014.
- ✓ Ehsan Motamedian, Post-Doct, Systems Biology applications in Cancer target identification, 2012-2013.

- ✓ Ali H. Rezaeyan, Post-Doc, Bioinformatics based designing, synthesizing and studying of antimycobacterial agents, Pasteur Institute of Iran, 2010-2012.
- ✓ Najmeh Faham, Post-Doc, Molecular studying of natural anticancer extracts, Pasteur Institute of Iran, 2010-2012.
- ✓ Aziz Dashbolagh M., Ph.D. thesis supervisor, Studying of effective factors on refolding recombinant protein Interferon alpha in *E. coli*, Pasteur Institute of Iran, 2010-2014.
- ✓ Baharak Khoshkholgh-Sima, Ph.D. thesis supervisor, An in silico approach for prioritizing drug targets in metabolic pathway of Mycobacterium tuberculosis, Azad University, 2010-2013.
- ✓ Yeganeh Sebti, Ph.D. thesis supervisor, *In silico* studying of specific enzyme suppressor involving in blood pressure phenomena, Isfahan University of Medical Sciences, Faculty of Pharmacy, 2010-2012.
- ✓ Mahdiah Gaieni, M.Sc. thesis supervisor, Studying and optimizing of antimycobacterial peptides from natural rescources, Payam Nour University, 2011-2012.
- ✓ Motahare Amiri, M. D. co-supervisor, *In vivo* studying of Anti-epileptic properties of one species of Fabaceae, Shahed University of Medical Science, 2010-2012.
- ✓ Somayeh Tabatabaee, M.Sc. co-supervisor, Potentiometric Sensing of Tramadol based on molecular imprinted polymers, Azad University, 2011-2012.
- ✓ Maryam Babanezhad, M.Sc. co-supervisor, Potentiometric determination of Clonazepam using carbon paste electrode based on molecular imprinted polymer (MIP), Azad University, 2011-2012.
- ✓ Kamal-Aldin H. M. A. Tehrani, Pharm.D. thesis supervisor, Processing and studying antimycobacterial effect of new thiocarbonic derivatives against BCG, Shahid Beheshti University of Medical Sciences, Faculty of Pharmacy, 2010-2012.
- ✓ Hakimeh Gavzan, Ph.D. thesis supervisor, Antiepileptic activity of DHA and its effect on other drug actions, Tehran University, Veterinary School, 2011-2013.
- ✓ Hiva Safari, M.Sc. thesis supervisor, Identification of antimycobacterial mode of action in thiacetazon and synthetic compounds by reversal assay, PayamNour University, 2011-2013.
- ✓ Fatemeh Sadaati, M.Sc. thesis supervisor, Study of the potent plant derived antimycobacterial agents and their cheminformatics alnalysis, Zanzan University, 2011-2012.
- ✓ Nastaran Sadaat Savar, M.Sc. co-supervisor, *In silico* study of toll-like receptor interactions TLR5 and the *in vitro* expression and reaction study, Azad University, 2011-2012.
- ✓ Zeinab Abedini, M.Sc. thesis supervisor, Studying of chemical, genotypic and phenotypic characters of foods and plants to introduce logical model, PayamNour University, 2011-2013.
- ✓ Paniz Pajohi, M.Sc. thesis supervisor, Specifications of naturally occurring antimycobacterial compounds compared to other metabolites, Azad University, 2011-2013.
- ✓ Zeinab Abedini, M.Sc. thesis supervisor, Study of Saffron extract on chronic stress in rat, PayamNour University, 2011-2013.

- ✓ Amir Hosein Saadati, Ph.D., thesis supervisor, *In silico* design of a chimeric-truncated tPA with enhanced pharmacodynamic properties and its expression in methylotrophic yeast *Pichia pastoris*, 2010-present.
- ✓ MohamadReza Kazemali, Ph.D., co-supervisor, chimeric-truncated tissue plasminogen activator design based on improved vampire t-pa properties, 2010-present.
- ✓ Maryam Roushan, M.Sc. thesis supervisor, Study of genotype, phenotype and chemical characteristics of food and plants for pattern recognition regarding their temperament description, PayamNour University, 2010-present.
- ✓ Marzieh Zamani, M.Sc. thesis supervisor, Study of Fabaceae and Asteraceae phyllospheric associated microorganisms, Azad University, 2010-2012.
- ✓ Ayda Arab, M.Sc. thesis cosupervisor, Evaluation of the effect of *Citrullus colocynthis* on fetal hemoglobin induction in culture of K 562 erythroid cell line. Azad University, 2010-2010.
- ✓ Ameneh Eslamparast, Ph.D. thesis supervisor, Evaluation of FHIT & its functional domains in expression and degradation of p53 in HT1080 and A549 cells, Pasteur Institute, 2009-2014.
- ✓ Danesh Moradi, M.Sc. thesis supervisor, Automated algorithm in generating lead structures by genetic algorithm and best fit structures, Tehran University, 2008-2009.
- ✓ Mahdie Mahboubi, M.Sc. thesis, supervisor, establishing reversal assay and determining the antifungal mechanism of two novel synthetic agents, Shahed University, 2008-2010.
- ✓ Maryam Mehravar, M.Sc. thesis supervisor, Identification and screening of membrane active antibiotics from soil microorganisms, Shahed University, 2008-2010.
- ✓ Hosna Gomari, M.Sc. thesis, cell and molecular biology, Khatam University, supervisor, Design of gp-41 inhibitors and *in vitro* study, 2008-2009.
- ✓ Marzie Ferdousian, M.Sc. thesis supervisor, *In silico* amphotericin based design of new antifungal compounds and their *in vitro* evaluation. Azad University, 2008-2010.
- ✓ Zeinab Chitforoush, M.Sc. thesis supervisor, Biochemistry, Al-Zahra University, supervisor, Study of helix formation and design of its modulators, 2008-2009.
- ✓ Zahra Arabi, M.Sc. thesis, supervisor, Plant Systematics, Sheheed Beheshti University, The study of Fabaceae for molecular recognition of antifungal compounds, 2007-2009.
- ✓ Seyed Hesam Tafreshi, Ph.D. thesis co-supervisor, Biological Products Biotechnology at Pasteur Institute, Laboratory, pilot scale and optimization of Nisin production by *Lactococcus lactis* ATCC 11454, 2007-2011.
- ✓ Azade Yazdi, M.Sc. thesis co-supervisor, Cell Biology, Shahed University, Identification of Anti-epileptic agents from natural sources- Fabaceae, 2007-2008.
- ✓ Shoeib Moradi, M.Sc. thesis, supervisor, Biochemistry at University Putra Malaysia, supervisor, Study of antifungal peptides and peptidomimetic lead design for antifungal activity, 2007-2010.

- ✓ Reza Arabi, Ph.D. thesis co-supervisor, Biologic Products Biotechnology at Pasteur Institute, design and expression of new streptokinase dimmer molecules, 2008-2012.
- ✓ Hamzeh Ramezani, Ph.D. thesis co-supervisor, Biologic Products at Pasteur Institute, Identification of naturally occurring antiplasmodial extracts from Iranian plants and proteomics analysis, 2006-2010.
- ✓ Najme Faham, PhD thesis supervisor, Pharmaceutical Biotechnology at Pasteur Institute and Tehran University, P16 interaction with CDK4, the simulation and role of akyrin domain, 2006-2010.
- ✓ Fatemeh Davami, PhD thesis, supervisor, Pharmaceutical Biotechnology at Pasteur Institute, The simulation and production of chimeric-truncated tPA, 2006-2010.
- ✓ Mehruz Dezfulian, Ph.D. thesis, supervisor, Cell and molecular biology at Azad University, supervisor, the study of molecular mechanisms involved in Alzheimer's disease and its suppression by RNAi technology, 2006-2008.
- ✓ Ghazaaleh Ghavami, MSc thesis, supervisor, Molecular Biology at Khatam University, Natural anticancer discovery using bioinformatics in molecular similarity search and synergistic profile, 2006-2008.
- ✓ Alireza Majid-Ansari, Pharm. D. thesis, supervisor, Pharmacy at Azad University, Metabolomics simulation of membrane and lipids in cancer therapy, 2006-2008.
- ✓ Maryam Omid, MSc thesis, Microbiology at Al-Zahra University, co-supervisor, Short-chain Insulin production approach in E.coli, 2004-2006
- ✓ Somaye Dehghanizade, MSc thesis, Biotechnology at Tehran University, co-supervisor, Detection and analysis of r-calcitonin in mice milk, 2004-2006
- ✓ Mehdi Rahimpour, MSc thesis, Agricultural Biotechnology at Mazandaran University in Sari, co-supervisor, Two-dimensional gel electrophoresis analysis of cells infected with rabies, 2004-2006
- ✓ Kaveh Haratian, PhD thesis, Virology at Iran Medical Sciences University in Tehran, co-supervisor, The effect of BSO in replication and apoptosis induced by Measles virus, 2004-2007.
- ✓ Babak Karamati, Pharm.D. thesis, School of Pharmacy, Shaheed Beheshti Univ. Phytochemical study of *Achillea santolina* L. and its antifungal activity, 1992.
- ✓ Pejman Pirmouradi, Pharm.D. thesis, School of Pharmacy, Shaheed Beheshti Univ. Phytochemical study of fresh water *Potamogeton lucens*, 1992.

Editorial Activities:

- ✓ 2017-present Universal Journal of Pharmaceutical research (UJPR), Editorial Board
- ✓ 2015-present Iranian Journal of Biotechnology, Editorial Board
- ✓ 2015-present Vaccine Research, Editorial Board
- ✓ 2014-present Drug Designing, Omics Publication, Editorial Board
- ✓ 2007-present Clinical Reviews and Opinion, Editorial Board
- ✓ 2007-present Anti-infective Agents in Medicinal Chemistry, Benham, Editorial Board

- ✓ 2007-present Avicenna Journal of Medical Biotechnology, Associate Editor
- ✓ 2006-present EMGEN newsletter, Editor
- ✓ 2006, 8 Iranian Journal of Biotechnology, as reviewer
- ✓ 2006, 8, 4 Acta Pharmacologica Sinica, as reviewer
- ✓ 2004-present Acta Medica Iranica, as reviewer
- ✓ 2004-present Iranian Journal of Pharmaceutical Research, as reviewer
- ✓ 2004- Present Biomedical Informatics, as reviewer
- ✓ 2004 Journal of Trace Elements in Medicine and Biology, as reviewer
- ✓ 2003 Iranian Journal of Biotechnology, Adjunct editor and reviewer
- ✓ 2001-2003 Reviewer for BIOTECHNOLOGY PROGRESS, as reviewer
- ✓ Adjunct editor in the pharmaceutical journal "Razi."

Patents:

- ✓ **Sardari, S.**, Khalaj, V., Mahboubi, M., Azerang, P. The process of synthesis and mechanism of action of new compounds inhibiting the production of aliphatic amino acids in fungi by reversal assay, USPTO, Application #: US 20130008300 A1, (2013).
- ✓ **Sardari, S.**, Ghavami, Gh. Method for selection of novel anti-cancer herbs using cheminformatics tools, USPTO, Application #: US 20120009277A1, (2012).
- ✓ Mahboudi, F., Davami, F., **Sardari, S.** Chimeric truncated and mutant variant of tissue plasminogen activator (t-pa) resistant to plasminogen activator inhibitor-1, USPTO, Application #: US 20120058537A1, (2012).
- ✓ **Sardari, S.**, Dianat, Sh. Learning method for chemical compound nomenclature, USPTO, Application #: US 20110081638A1, (2011).
- ✓ Faham, N., **Sardai, S.**, Ghahremani, Mohammad., Cell growth inhibitor derived from p16INK4a and method of synthesizing the same, Iran Patent System and filed in USPTO, Applicaton #: 13/237,116 (2011).
- ✓ **Sardari, S.**, Moradi, D. The process of developing drug-like compounds with desired properties, Iran Patent System # 65167, 1389 (2010).
- ✓ **Sardari, S.**, Ghavami, Gh. Method in processing of 5 Iranian plants with enhancement of antitumor drugs activity, Iran Patent Sytem # 60443, 1388 (2009).
- ✓ **Sardari, S.**, Ghavami, Gh. Method in processing of 9 Iranian plants with anticancer, Iran Patent System # 60446, 1388 (2009).
- ✓ **Sardari, S.**, Ghavami, Gh. The scientific process for non-random selection of plants with a desired biological activity, Iran Patent System # 60444, 1388 (2009).
- ✓ **Sardari, S.** A Neural Network based system to determine 3D structure of proteins using CD spectropolarimeter, Iran Patent system # 43461, 1387 (2008).
- ✓ **Sardari, S.**, Dianat, Sh. A new tool in teaching chemistry, Iran Patent system # 49432, 1387 (2008).
- ✓ **Sardari, S.**, Soltani, S. Silicon nano-vehicle design for drugs, Iran Patent system # 43455, 1386 (2007).
- ✓ Patent Agent: Gauthier & Connors, LLP - Boston, MA, US (2006) Patent Inventors: Keykavous Parang, **Soroush Sardari**, Nguyen Hai Nam, Applicaton #: 20060142361 Class: 514383000 (USPTO).

Books:

- ✓ Sardari, S., Nazeri, S., Sadeghi, S., Farokhifard, A., Azerang, P., Saadat, F., Ghavami, GH. "Biothechnology Methods from Laboratory to Industry" (2018), Babazadeh Publication and Eshragh Publication.
- ✓ Gholami, M., Fattohllahi, M., Bourbour, S., Etemadifar, Z., Sardari, S. "Comprehensive training bioinformatics applications" (2016), Babazadeh Publication and Eshragh Publication.
- ✓ Mehravar, M. **Sardari, S.**, Mahboubi, M., Olya, P . Microorganisms in industry and and environment. From scientific and industrial research to consumer products, Chapture of "Isolation and screening of soil microorganisms for membrane active antimicrobial metabolites" (2010), World Scientific Pub Co.
- ✓ Mahboubi, M., **Sardari, S.**, Khalaj, V., Mehravar, M.. Microorganisms in industry and and environment. From scientific and industrial research to consumer products, Chapture of "Determination of mode of action for synthetic antifungal agents using revrsal assay method" (2010), World Scientific Pub Co.
- ✓ Rabiei, **Sardari, S.**, Encyclopedia of toxicology, Chapture of "Genetically modified food/organism" (2010), World Scientific Pub Co.
- ✓ Soltani, S., **Sardari, S.**, Sheikhpour, M., Mousavi, S. (2009) Artificial Neural Network, Nas Publisher, Tehran. ISBN: 978-964-410-269-1
- ✓ Eslamifar, A., Aghakhani, A., **Sardari, S.**, Eslami-Tabar, Sh. (2009) Nanotechnology and Medicine, Hayan Publisher, Tehran. ISBN: 978-964-460-920-6
- ✓ **Sardari, S.**, Nishibe, S., Daneshtalab, M. (2000) Coumarins, the Bioactive Structures with Antifungal Property. in Studies in Natural Product Chemistry. Vol. 23, Atta-ur-Rahman, Ed. Elsevier, Amsterdam, pp 335-393.

Papers:

- ✓ Rahgozar N, Bakhshi Khaniki GH, **Sardari S.** (2018), Evaluation of Antimycobacterial and Synergistic Activity of Plants Selected Based on Cheminformatic Parameters. *Iranian Biomedical Journal*, In press.
- ✓ Azerang P, Owlia P, Khalaj V, Kobarfard F, **Sardari S.** (2018), Isolation and Characterisation of a Soil Microbial *Streptomyces* Strain that Produces Membrane-Active Antimicrobial Metabolites. *Journal of Pharmaceutical Research International*, 21(6), 1-12.
- ✓ Mortazavi M, Shokrgozar MA, **Sardari S**, Azadmanesh K, Mahdian R, Kaghazian H, Hosseini SN, Shams E. (2018), Physicochemical screening for chemical stabilizer of erythropoietin to prevent its aggregation. *Prep Biochem Biotechnol*, 48(2):121-127.

- ✓ Adelvand P, Hamid M, **Sardari S.** (2018), The intrinsic genetic and epigenetic regulator factors as therapeutic targets, and the effect on fetal globin gene expression. *Expert Rev Hematol.*, 11(1):71-81.
- ✓ Keyvani A, Atyabi S.M, **Sardari S,** Norouzian D, Madanchi H. (2017), Effects of cold atmospheric plasma jet on collagen structure in different treatment times. *Basic Research Journal of Medicine and Clinical Sciences*, 6(8); 84-90.
- ✓ Khodabakhsh F, Norouzian D, Vaziri B, Ahangari Cohan R, **Sardari S,** Mahboudi F, Behdani M, Mansouri K, Mehdizadeh A. (2017), Development of a novel nano-sized anti-VEGFA nanobody with enhanced physicochemical and pharmacokinetic properties. *Artif Cells Nanomed Biotechnol.* 25;1-13.
- ✓ **Sardari S,** Feizi S, Rezayan AH, Azerang P, Shahcheragh SM, Ghavami G, Habibi A. (2017), Synthesis and Biological Evaluation of Thiosemicarbazide Derivatives Endowed with High Activity toward Mycobacterium Bovis. *Iran J Pharm Res.* 16(3);1128-1140.
- ✓ Azerang P, **Sardari S.** (2017), Bioactive Compound Produced from Actinomycetes-Streptomyces. *Nov Appro Drug Des Dev.* 1(3); 1-3.
- ✓ Rezayan AH, Hariri S, Azerang P, Ghavami G, Portugal I, **Sardari S.** (2017), Synthesis of Novel Fluorene Bisamide Derivatives via Ugi Reaction and Evaluation their Biological Activity against *Mycobacterium species*. *Iran J Pharm Res.* 16(;745-755.
- ✓ Faezi S, Bahrmand AR, Mahdavi M, Siadat SD, Nikokar I, **Sardari S.** (2017), Development of a Novel Anti-Adhesive Vaccine Against *Pseudomonasaeruginosa* Targeting the C-terminal Disulfide Loop of the Pilin Protein. *Int J Mol Cell Med.* 6(2); 96-108.
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- ✓ Y. Farahani, GH. Amin, **S. Sardari**, N. Ostad (2015), Effect of Ecballium elaterium on Candida albicans, Aspergillus fumigatus and Escherichia coli, First International Conference on Life Sciences, 28-30 December, Pakistan.
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- ✓ **Soroush Sardari**, Safoura Hariri, Ali Hossein Rezayan (2012), Multicomponent synthesis and biological evaluation of Bis-amide derivatives as inhibitors of Mycobacterium, 19th Iranian Seminar on Organic Chemistry, Rafsanjan, Iran, September 5-7.
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- ✓ Jalili, E., Dezfulian, M., **Sardari, S.** (2005) Molecular Modeling of Methionyl t-RNA Synthetase Inhibitors, [page 13], Tehran, Iran, First Student Biotechnology Congress, 24-26 Aban, Oral Presentation.
- ✓ **S. Sardari** , (2005) Cheminformatics in Anti-infective Agents Discovery, [P # 47, page 207], Bordeaux, France, Sixth Tetrahedron Symposium, June 29-July 1, Poster presentation.
- ✓ M. Omid, **S. Sardari** , M. Zakeri , B. Vaziri , A. Aliahmadi , A. Moradi , M.R. Jebelli , F.Mahboudi (2005) Method Optimization of Reverse Phase High Performance Liquid Chromatography (RP-HPLC) for characterization of Digested Products of Recombinant Pro-Insulin , [page198], Kerman (Mahan) I.R.Iran , The 4th National Biotechnology Congress of Islamic Republic of Iran , 15-17 August 2005, Poster Presentation.
- ✓ Aliahmadi , A. Taherieh , M.R. Jebelli , T. Sadeghchah , **S. Sardari** , A. Adeli , F. Mahboudi , M. Omid , (2005) A Modified Acid Precipitation Procedure for Purification and Refolding of Recombinant Human proinsulin , [page199] Kerman (Mahan) I.R.Iran, The 4th National Biotechnology Congress of Islamic Republic of Iran, 15-17 August, Poster Presentation.
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- ✓ **S. Sardari** , M. Dezfulian , E. Jalili ,(2005) A computer based model for anti eukaryotic topoisomerase II compounds , new approach for evaluation of anticancer drugs,[BB-32,page11], Rasht, I.R.Iran, 13th Iranian Biology conference , 23-25 August, Poster presentation.
- ✓ T. Sadeghchah , A. Aliahmadi , A. Moradi , M. Omid , **S. Sardari** , M. Azami , M. Abachi, M.R. Jebeli , F. Mahboudi , (2005) Kinetic Study of Trypsin Ezymatic Effect on Digestion of Refolded Recombinant Insulin by HPLC , Elisa , NonDenaturing and Tris Tricin PAGE Methods,[page31] Kerman (Mahan) I.R.Iran , The 4th Nation Biotechnology Congress of Islamic Republic of Iran , 15-17 August 2005 , Poster presentation.
- ✓ **S. Sardari**, A. Peirovi, F. Mahboudi, (2005) Effect of downstream processing factors on the folding of recombinant human insulin studied by circular dichroism (CD), [P # 47, page 133], Bordeaux, France, Sixth Tetrahedron Symposium, June 29-Jul,1, Poster presentation.
- ✓ **S. Sardari**, M. Dezfulian, (2005) Bioactivity and chemical informatics of modeled microtubule inhibitors: Identification of key features and design of new agents in the treatment of cancer, [P # 45, page 205], Bordeaux, France, Sixth Tetrahedron Symposium, June 29-July 1, Poster presentation.
- ✓ **S. Sardari**, H. Zolfaghari Jooya, M. Dezfulian, M. Omid (2005) Synthetic strategies in protecting group selection and compound library design by informatics modeled group chemistry and neural networking [P # 69, page 225], Bordeaux, France, Sixth Tetrahedron Symposium, June 29-Jul,1, Poster presentation.
- ✓ **Sardari**, S., Jalili, S., Dezfulian, M. (2005) Fluoroquinolone gyrase inhibitors QSPR model and new antigyrase compounds, P#37, Azad University, Shahryar, Iran. The First Congress of Molecular Microbiology. May 25, Poster presentation.
- ✓ **Sardari**, S., Vaezi, S., Ebrahimi, B. (2005) Genetically Modified Food, the Public Opinion and their Perception: an Investigation of the Factors Surrounding the Issue in Iran, p.98-99, Karaj, Iran, The First National Biosafety Congress of Iran, Feb. 16-17. Oral Presentation.
- ✓ Dezfulian, M., **Sardari**, S.*, (2004) Molecular informatics, QSPR and computer modeling of microtubule inhibitors: Identification of key features and design of new agents in the treatment of tuberculosis [P.17], Tehran, Iran, The International Scientific Meeting of Pasteur Institute General Directors, Nov 17-22, Poster presentation.
- ✓ **Sardari**, S. (2004) Evaluation of SAR for amphotericin B derivatives by artificial neural network. [2B2-3], Jeddah, Saudi Arabia, Saudi Bio 2004 Conference, May 10-13,
- ✓ Biopharmaceutical Development II, Oral Presentation.
- ✓ **Sardari**, S. and K. Parang (2003) Modeling of Activity for Biological Samples Using Artificial Neural Network. Abstracts of Papers of the American Chemical Society. 226:51-MEDI-352.
- ✓ **Sardari**, S. , Malik, Q. (2001) The Pharmaceutical Link to Bioremediation Metabolites. 51st Canadian Chemical Engineering Conference. Halifax, NS. Oct 14-17. Oral Presentation, Environment-0016.

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- ✓ **Sardari, S.,** Mori, Y., Daneshtalab M.(1997) Dimorphic Transition and Susceptibility of *Candida albicans*: Involvement of Protein Kinase C, Oxygen and Inoculum Size. *Pharmaceutical Research*. 14(11), S344.
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- ✓ **Sardari, S.,** Nishibe, S., Mori, Y., Nikaido, T., Micetich, R. G., Daneshtalab, M. (1997) Phytochemical Study of *Fraxinus Americana* L. Bark and its Antifungal Activity. *Pharmaceutical Research*. 14(11), S385.
- ✓ Yu, B. G., **Sardari, S.,** Kwon, G. S. (1997) Dissociated Toxicity, but Enhanced Antifungal Efficacy of Amphotericin B-Loaded Poly (Ethylene Oxide)-Block-Poly (Benzyl L Aspartate) Micelles. *Pharmaceutical Research*. 14(11), S284.
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- ✓ Parang, K., Knaus, E. E., Wiebe, L. I., **Sardari, S.,** Daneshtalab, M., Csizmadia, F. (1996) Synthesis and antifungal activity of myristic acid analogs. *Pharmaceutical Research*. 13(9): S141.
- ✓ **Sardari, S.,** Horita, K., Nishibe, S., Mori, Y. (1996) Constituents of *Fraxinus americana* and their antifungal activity. 43 Annual Meeting of Pharmacognosy Society of Hokkaido. Abst.3, p.46. Sapporo, Japan.
- ✓ Sekhon, A. S., **Sardari, S.,** Sihra, S. K., Yee, B., and Padhye, A.A. (1995) *In vitro* responses of clinically significant *Neosartorya pseudofischeri* isolates to various antimycotics. Conjoint Meeting on Infectious Diseases. Vancouver, Canada. Abstract Number PS 26.
- ✓ **Sardari, S.,** Liu, L., Amin, G., Micetich, R., and Daneshtalab, M. (1994) Isolation and identification of nonacosane from *Hertia angustifolia*. Faculty of Pharmacy and Pharm. Sci., Annual Research Days. University of Alberta, Edmonton, Canada. p. 39.
- ✓ **Sardari, S.,** Cass, D. and Daneshtalab, M. (1994) Alkaloid detection in tissue sections of *Catharanthus roseus*. Faculty of Pharmacy and Pharm. Sci., Annual Research Days. University of Alberta, Edmonton, Canada. p. 40.

- ✓ **Sardari, S., Salehi, M., Amin, G., Sadrai, S. and Daneshtalab, M. (1993)** Purification and HPLC quantitative determination of hyperin from *Hypericum scabrum* and Hypiran drop. Proceeding International Symposium of Phytochemical Society of Europe. Lausanne, Switzerland.

Computer Skills:

Alignment, Multiple alignment, Molecular simulations, Database formation using Access and SQL server and ChemFinder, primary programming using Visual basic, Visual Studio, data modeling and optimization using Artificial neural networks system design and application. Molecular modeling, Docking, Silicon Graphics, Discovery Studio, and energy minimization using Chimera, MOE, spdb-viewer, Accelrys Materials Studio ChemWin., docking with Hex. Comfortable in working with PC and Mac systems. Windows based platforms and Linux-based platforms such as Ubuntu. Confident in using HPLC/CE/CD softwares such as Millennium 32 and Gold/Gold Novous systems, Karat program, database software (SQL, MS Access), MS Office, Chemdraw, Chemwin, antivirus programs, and some other specialized softwares like Pallas (used in medicinal chemistry), statistics programs such as SPSS, database programs like EndNote and Reference manager, familiar with many softwares such as Adobe Acrobat, animation and photo handling programs, Easy Neural Network, DOS, Web page design (Clariss), Corel Draw and Dragon naturally speaking.

Technical Skills:

Considerable experience working with various cheminformatics tools, molecular simulations, analytical, chromatographic and spectroscopic instruments such as capillary electrophoresis, circular dichroism (CD), HPLC, GC, GC-MS, NMR 200, and 400 MHz. Pharmaceutical GLP inspection, SOP preparation, and method establishment, pharmaceutical strategic outlook report preparation. My past projects also dealt with extensive work on fungal samples, organic synthesis, biotransformation and plant and animal tissue culture. I have also following experiences: conducted immunological tests, worked with animals, electron microscope, plant tissue and fungal cell fixing and sectioning, extensive experience in plant extraction, and in isolation and identification of their secondary metabolites, worked with fermentation reactors, experience on protein and DNA analysis with capillary electrophoresis (CE), HPLC of radioisotope labeled peptides, worked on liposomal formulations analysis of drugs including proteins, such as insulin and interferon, and determination and tracing of secondary structure in peptides such as recombinant human insulin has been among my experience.

Professional Activities:

- ✓ Scientific Board of Immunoinformatics panel of 12th International Congress of Immunology & Allergy, 2014, April 29-May 2, Tehran, Iran.
- ✓ The reviewer for research proposals arrived at World Health Organization (WHO)-EMRO and COMESTECH, Islamabad, Pakistan, July 2010.
- ✓ Scientific Chair of the 1st International Health Genomics and Biotechnology, 2007.
- ✓ Organizing, the Networking Workshop for the focal person of EMRO countries, 2007.
- ✓ National Biosafety Committee, Ministry of Health, Deputy of Public Health, Sept 2005-present
- ✓ Consultant for Genetically Modified Risk Assessment and Biosafety, Iranian Genetics and Biotechnology Society and Ministry of Health
- ✓ A member of American Chemical Society
- ✓ A member of the Canadian Society for Chemical Engineering

Training:

- ✓ **The Emerging trends in biological sciences and genomics**, workshop, December. 2015, University of Karachi, Pakistan.
- ✓ **The Tips and tricks in the fundamental concepts of GMP and GLP for health related industries**, workshop, July. 2015, Pasteur Institute, Tehran, Iran.
- ✓ **The R&D innovation & technology management; networking to practice**, workshop, December. 2014, Iranian association for management of technology, Kish island, Iran.
- ✓ **The Practical roles of R&D in pharmaceutical based GMP aspects**, workshop, March. 2014, Pasteur Institute, Tehran, Iran.
- ✓ **The How to write an international article**, workshop, October. 2014, Regional director of Elsevier BV, Tehran, Iran.
- ✓ **The GMP and GLP Practices in Health Related Industries**, workshop, March. 2013, Pasteur Institute, Tehran, Iran.
- ✓ **The Regional training of trainers workshop on Bioinformatics Methods in Research for Health**, Nov., 2009, EMRO, Cairo, Egypt.
- ✓ **The Biotechnology Standards and Regulations**, workshop, Sept. 2007, Pasteur Institute, Tehran, Iran.
- ✓ **The Commercialization of Research in Biotechnology**, workshop, National Genetic Engineering Research Center, Jan, 2006, Tehran, IR.
- ✓ The National workshop on **Preserving Genetic Resources**, Nov, 2006, Tehran, IR
- ✓ **Advanced Bioinformatics workshop**, (Dec 2005) held and sponsored by EMRO-WHO, Mascot, Oman
- ✓ **Genetically Modified Organisms (GMO), Biosafety and Risk assessment**, (2005) International Center for Genetic Engineering and Biotechnology, ICGEB, Trieste, Italy
- ✓ **Biosafety and hygiene of food material** (2004) Agricultural Biotechnology Research Institute, Karaj
- ✓ **Management and Business Plan** (2004) Tehran University
- ✓ **Planar Chromatography**, (2003) Food Drug Control Laboratory,
- ✓ **Radiation Safety** course (1999), University of Saskatchewan,

- ✓ **Standard First Aid** course (1997) St. John Ambulance, Alberta Council, Edmonton, Alberta. April.
- ✓ **Suicide Intervention Workshop** (1995) Canadian Mental Health Association, Edmonton, Alberta. March.
- ✓ **Toastmaster Speech Craft Program** (1994) Faculty of Pharmacy, University of Alberta, Edmonton. Sept.-Oct.
- ✓ Assessment as **Learning Workshop** (1993) University of Alberta, Edmonton. Nov.
- ✓ 13th Annual Orientation for **Graduate Teaching** Assistants (1993) University of Alberta Sept.

Awards and Grants:

- ✓ Pasteur grant on "Spray lota-carrageenan production technology for the treatment of acute upper respiratory viral infections", 2016-present.
- ✓ Pasteur grant on "Evaluation and isolation of the membrane-active metabolites of fungals and actinomycetes isolates obtained from Iranian soil", 2014-present.
- ✓ International grant on "*De novo* design and in vitro evaluation of novel anticancer compounds against MDR receptors in cisplatin resistant cell line", 2014-present.
- ✓ International grant on "Evaluating effect of Iranian and Pakistani traditional medicine on blood coagulation", 2013-2015.
- ✓ International grant on "*In vivo* study the synergistic property of two Iranian herbal extracts with anticancer agent", 2012-2016.
- ✓ EMGEN grant on "Molecular studying of herbal secondary metabolites with antibacterial properties against *Mycobacterium* sp.", 2011-2014.
- ✓ Pasteur grant on molecular dynamics simulation of 7 important modeled FHIT constructs, 2012-2013.
- ✓ Pasteur grant on designing antimicrobial peptides, 2012-2015.
- ✓ The 17th Razi Research Festival on Medical Sciences Award for admired and selected pharmaceutical research, January 2012, Tehran, Iran.
- ✓ Pasteur grant on finding new targets in *Aspergillus* fungal organism, 2010-2012
- ✓ EMGEN grant for model building for antimycobacterial compounds, 2009-2011
- ✓ WHO-COMSTECH grant of joint collaboration Tunisia and Morroco for genetic diseases, 2009-present
- ✓ National grant on joint collaborations with Bellarus on, "Design, synthesis and Antimycobacterial effect of some compounds modified by bioinformatics tools", 2009-present.
- ✓ Best abstract on "Design of new gp-41 inhibitors for control of HIV fusion based on in silico techniques" the proteomics conference, Tehran, 2009.
- ✓ Best abstract on "Metabolome comparison of transgenic and non-transgenic rice by statistical analysis of Infrared spectra", the 1st International Congress on Health Genomics and Biotechnology, Tehran (2007).
- ✓ The Pasteur Institute Research Grant on Designing active antifungal analogues, based on interference with Amphotericin B, Tehran, 2007-2009.

- ✓ WHO-UNIDO full grant to register and participate in the GMO safety course in Malaysia, (2007).
- ✓ The WHO-EMRO fund for development of EMHGBN, WHO Regional Office Tehran March (2007).
- ✓ The research week appreciation token, Pasteur Institute, Tehran (2006)
- ✓ The Pasteur Institute Research Grant on Anti-malarial drug discovery research, Dec 2006- 2009
- ✓ The best presentation for work on Diatom and Nanotechnology, Tehran, Iran, The 10th Iranian Pharmaceutical Sciences Conference, (IPSC 2006), Aug. 21-24.
- ✓ The Pasteur Institute Research Grant on GM Rice metabolomics profiling by NMR, IR and HPLC and analysis by ANN, Tehran, 2005-2006.
- ✓ WHO-EMRO, Travel and expenses award for Advanced Bioinformatics workshop, Mascut, Oman (2005).

Languages:

Fluent in **English**, and **Persian**

- **Japanese Language** (1995-96) one-year stay in Japan, private tutor, and a four-month Japanese language program in HUB residence at University of Alberta. Can engage in conversation.
- **French Language** program (1993) one-year study period in Faculty of Extension, University of Alberta. Can read and translate scientific papers.
- **German Language** program (1991) one-year study period in Austrian Embassy, Tehran, Iran. can translate scientific papers.
- **Arabic Language** as part of junior-high school and part of undergraduate study program (1985). Can read and understand partly.

Conferences:

In many conferences attended/contributed, the most important ones:

- ✓ First International Conference on Life Sciences, 2015, 28-30 December, Pakistan.
- ✓ 4th National Congress on Medicinal Plants, 2015, 11-12 May, Tehran, Iran.
- ✓ 1th International and 9th National Biotechnology Congress, 2015, 24-26 May, Tehran, Iran.
- ✓ 3rd National Congress on Medicinal Plants, 2014, April, Mashhad, Iran.
- ✓ 4th International & 8th Natatinal Conference on Management of Technology, 2014, December 1-2, Kish Island, Iran.
- ✓ The 12th International Congress of Immunology & Allergy, 2014, April 29-May 2, Tehran, Iran.
- ✓ The 11th International Congress of Immunology and Allergy, 2012, April 26-29, Tehran, Iran.
- ✓ The 7th National Biotechnology Congress, 2011, September 12-14, Tehran, Iran.

- ✓ The third Iranian Proteomics Congress, 2010, May 26-27, Tehran, Iran.
- ✓ III International Conference on Environmental, Industrial and Applied Microbiology, 2009, December 2-4, Lisbon, Portugal.
- ✓ The Fourth Regional Conference on Medical Journals in the Eastern Mediterranean, Nov 5-7, 2008, Manamah, BAHRAIN
- ✓ -The Biotechnology Conference, April 2008, Tunis, Tunisia
- ✓ The First International Congress on Health Genomics and Biotechnology, Nov 2007, Tehran, IR.
- ✓ PanArab Genetics Congress, Nov 2007, Dubai, UAE.
- ✓ Biosafety Conference, April 2007, Kuala Lumpur, MA
- ✓ The conference on Preserving National Genetic Resources, Nov, 2006, Tehran, IR
- ✓ 4th Biotechnology Conference, Aug 15-17, 2005, Mahan, Kerman, IR.
- ✓ Sixth Tetrahedron Symposium, June 29-Jul, 1, 2005, Mercure Hotel, Bordeaux, FR.
- ✓ The First Nanobiotechnology Seminar, March 14, 2005, Alzahra University, Tehran, IR.
- ✓ The First National Biosafety Congress of Iran, Feb. 16-17, 2005, Agricultural Biotechnology Research Institute, Karaj, IR.
- ✓ The Scientific Meeting of the Directors of Pasteur Institute, Nov. 17-22, 2004, Pasteur Institute, Tehran, IR.
- ✓ Biosafety Workshop, 19 Sept, 2004, Institute for Standards and Industrial Research, Karaj, IR.
- ✓ E-Health, East Mediterranean Regional Office Sponsored conference, 7-9 Sept, 2004, Ministry of Health, Tehran, IR.
- ✓ Biotechnology Saudi Bio Conference 10-12 May 2004, Hilton Hotel, Jeddah, Saudi Arabia.
- ✓ Regional meeting on "Using technology in teaching: ideas that work", Jan. 2003, Warwick, RI.
- ✓ National Science Foundation Day, Grant writing workshop, Dec, 2002, Kingston, RI.
- ✓ 224th ACS National Meeting, American Chemical Society, Aug. 2002, Boston, MA.
- ✓ 51st Canadian Chemical Engineering Conference. 2001, Oct. 14-17, Halifax, NS.
- ✓ Gordon conference, Bio-organic section, 2001, June 17-22, Concord, NH.
- ✓ NERMCA medicinal chemistry conference, 2001, June 16, Boston, MA.
- ✓ 32nd Atlantic Universities Biology Conference, 2001, Mar 9-11, Halifax, NS.
- ✓ 216th ACS National Meeting, American Chemical Society, Aug. 98, Boston, MA.
- ✓ IAUCAR student leadership conference, Nov. 96, Moscow, Idaho, US.
- ✓ NAIGS Conference in Medicine, Aug. 96, Edmonton, Alberta, Canada.
- ✓ 43 Annual Meeting of Pharmacognosy Society of Hokkaido. June 96. Sapporo, Japan.
- ✓ 116 Annual Meeting of Japanese Pharmaceutical Society. March-April. 96, Kanazawa, Japan.
- ✓ AAPS Meeting, Sept. 96, Seattle, US
- ✓ Annual Research day, Oct. 94 and Oct. 96, University of Alberta, Edmonton, Canada.
- ✓ Phytochemistry of Plants Used in Traditional Medicine, International Symposium of Phytochemical Society of Europe. Sept.-Oct. 93, Lausanne, Switzerland.
- ✓ Western Pharmaceutical and Pharmacological Sciences Graduate Students' Meeting (WPPSGS), Aug. 93, San Francisco, CA, US.

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- ✓ International Conference on History of Medicine in Islam and Iran, Oct. 92, Tehran, Iran.

References: Available upon request