Curriculum Vitae

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EDUCATION:

Jan 2014 – Jul 2014:

Faculty of Chemistry, California South University (CSU), Irvine, California, USA.

Participate in *"Modern Molecular Electronic–Structure Computations Theory"* and also *"Nanochemistry"* as postdoctoral research fellow.

Feb 2013 – Oct 2013:

School of Chemistry, Faculty of Science, Monash University, Melbourne, Victoria, Australia.

Participate in *"Project Management"* and also *"Oncology, Human Cancer Tissues and Synchrotron Radiation"* as postdoctoral research fellow.

Mar 2009 – Dec 2012:

Faculty of Chemistry, California South University (CSU), Irvine, California, USA.

Ph.D., D.Sc. Chemistry (Biophysical Chemistry) – **GPA:** 3.95/4.00 (19.75/20).

Sep 2006 – Aug 2008:

Faculty of Chemistry, Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran.

M.Sc. Chemistry (Physical Chemistry) – **GPA:** 19.08/20.

Sep 2001 – Jul 2005:

Faculty of Chemistry, Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran.

B.Sc. Chemistry (Pure Chemistry) – **GPA:** 19.08/20.

WORK EXPERIENCES:

2001 – 2010:

- Industrial, Investigate & International LARA Company, Tehran, Iran.
- FGI Industrial Company, Tehran, Iran.

2007 – 2011:

- Pishtaz Tak Chemi Company, Qazvin, Iran.
- NASR ASIA PETRO GOSTAR Company, Tehran, Iran.

2012 – Present:

- President of American International Standards Institute (AISI), Irvine, California, USA.

2015 – Present:

- Board of Directors Member at Pishtaz Lian Chemi Company, Qazvin, Iran.

ACADEMIC & RESEARCH EXPERIENCES:

2007 – 2008:

Imam Khomeini International University (IKIU), Qazvin, Iran.

Duties:

- **Research volunteer under the supervision of:**
- Dr. G. Reza Karimi, Ph.D. Assistant Professor and Head of Biotechnology, Department of Mineral & Petroleum Engineering.
- Dr. Masoud Rajabi, Ph.D. Assistant Professor, Department of Materials Engineering, Faculty of Engineering and Technology.

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- **Research volunteer under the supervision of:**
- Prof. Dr. Hossein Eisazadeh, Ph.D. Full Professor & Head of Faculty of Chemical Engineering, Department of Chemical Engineering.
- Dr. Ali Akbar Ranjbar, Ph.D. Associate Professor & Dean of School of Mechanical Engineering, Department of Mechanical Engineering.

2010 – 2014:

- Volunteer Visitor, Department of Mathematical Sciences, Delaware State University, Dover, Delaware, USA, 2010.
- Volunteer Visitor, Department of Industrial Engineering, Universidad Politécnica De Cartagena, Cartagena, Spain, 2010.

- Volunteer Visitor, Department of Engineering and Mathematics, Sheffield Hallam University, Sheffield, UK, 2010.
- Volunteer Visitor, Department of Mathematics, Ege University, Izmir, Turkey, 2011.
- Postdoctoral Research Fellow, School of Chemistry, Faculty of Science, Monash University, Melbourne, Victoria, Australia, 2013 – 2014.
- Postdoctoral Research Fellow, Faculty of Chemistry, California South University (CSU), Irvine, California, USA, 2014.

TEACHING EXPERIENCES:

2007 – 2008:

Islamic Azad University (IAU), Qazvin Branch, Qazvin, Iran.

- Teacher at the laboratory for Physics I & II for undergraduate students studying Mechanics Engineering, Industrial Engineering, Computer Engineering, IT Engineering, Medical Engineering, and Electrical & Electronic Engineering.
- Scientific member and instructor at the departments of Electrical & Electronic Engineering, Faculty of Electrical, IT, Computer & Biomedical Sciences.

Caspian Higher Education Institute, Qazvin, Iran.

- Scientific member and instructor at the department of ICT & Hardware Engineering.
- Teacher at the laboratory for Physics I & II for Associates Degree students studying Industrial Engineering and Software Engineering, in addition to B.Sc. Industrial Engineering Students.
- Teaching Applied Mathematics/Engineering, Mathematics/Numerical Analysis and Computation for B.Sc. ICT Engineering Students.
- Teaching General Mathematics/Differential Equations and Engineering Mathematics for B.Sc. Hardware Engineering Students.
- Teaching Physics I (Mechanics) and Physics II (Electromagnetic Physics) to B.Sc. Industrial Engineering Students.

PUBLICATIONS (Science Citation Index (SCI)/International Scientific Indexing (ISI) Journals):

- [1] B. Adib, **A. Heidari**, P. Zarshekan Zamanpour, *"Calculation of Bose–Einstein condensation of gases in a harmonic potential trap using a macro canonical ensemble by use of the mathematical and Hermitian functions"*, Asian Journal of Chemistry, Volume 21, Number 4, Pages 2593–2609, 2009.

- [2] **A. Heidari**, A. Biswas, *"Dynamics of relativistic solitons due to pseudo Sine–Gordon equation"*, International Journal of Theoretical Physics, Volume 49, Issue 5, Pages 1096–1105, 2010.
- [3] R. Sassaman, **A. Heidari**, F. Majid, E. Zerrad, A. Biswas, *"Topological and non–topological solitons of the generalized Klein–Gordon equations in 1+2 dimensions"*, Dynamics of Continuous, Discrete and Impulsive Systems Series A: Mathematical Analysis, Volume 17, Number 2, Pages 275–286, 2010.
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- [5] O. Anwar Bég, J. Zueco, S. K. Ghosh, **A. Heidari**, *"Unsteady magneto hydrodynamic heat transfer in a semi–infinite porous medium with thermal radiation flux: Analytical and numerical study"*, Advances in Numerical Analysis, Volume 2011, Article ID 304124, 17 Pages, 2011.
- [6] **A. Heidari**, O. Anwar Bég, *"An analytical and numerical investigation of the dissipative chaos in superconductor super lattices"*, International Journal of Applied Mathematics and Mechanics, Volume 7, Issue 18, Pages 22–37, 2011.
- [7] **A. Heidari**, O. Anwar Bég, *"Numerical solution of the heteronuclear diatomic Schrödinger equation using various empirical potential functions via the Numerov method"*, International Journal of Applied Mathematics and Mechanics, Volume 7, Issue 18, Pages 38–55, 2011.
- [8] **A. Heidari**, N. Heidari, M. Ghorbani, *"Study and investigation of interaction and association of water molecules in carbon nanotubes and calculation of their thermodynamics properties using molecular dynamics simulation: A mathematical approach"*, Journal of Computational and Theoretical Nanoscience, Volume 9, Number 10, Pages 1647–1657, 2012.
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- [10] **A. Heidari**, N. Heidari, M. Godarzvand Chegini, R. Amiri, F. Khademi Jahromi, M. Ghorbani, *"A new method for synthesis of nanocomposite membranes for separation of gases"*, Advanced Science Letters, Volume 11, Number 1, Pages 126–134, 2012.
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- [15] S. Ahmed, O. Anwar Bég, S. Vedad, N. Heidari, M. Zeinalkhani, M. Ghorbani, **A. Heidari**, *"Perturbation analysis of dissipation and thermal radiation effects on hydro magnetic transient mixed convective heat and mass transfer with transpiration"*, Fundamental Journal of Thermal Science and Engineering, Volume 2, Issue 1, Pages 13–36, 2012.
- [16] J. Zueco, S. Vedad, M. Ghorbani, N. Heidari, M. Zeinalkhani, **A. Heidari**, *"Performance analysis of shell and tube heat exchangers using an educational application"*, Fundamental Journal of Thermal Science and Engineering, Volume 2, Issue 1, Pages 37–52, 2012.
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- [19] E. Hosseini Nezhad, N. Heidari, M. Ghorbani, **A. Heidari**, *"A new approach to mechanochemically synthesizing Al_2O_3/Cu–Cr nanocomposites"*, International Journal of Scientific & Engineering Research, Volume 3, Issue 4, 2012.
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drugs for the catalytic formation of proviral DNA from viral RNA using multiple linear and non–linear correlation approach", Ann Clin Lab Res. 4: 1, 2016.

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- [52] **A. Heidari**, *"Measurement the amount of vitamin D2 (ergocalciferol), Vitamin D3 (cholecalciferol) and absorbable calcium (Ca^{2+}), iron (II) (Fe^{2+}), magnesium (Mg^{2+}), phosphate (PO^{4-}) and zinc (Zn^{2+}) in apricot using high–performance liquid chromatography (HPLC) and spectroscopic techniques"*, J Biom Biostat 7: 292, 2016.
- [53] **A. Heidari**, *"Spectroscopy and quantum mechanics of the helium dimer (He^{2+}), neon dimer (Ne^{2+}), argon dimer (Ar^{2+}), krypton dimer (Kr^{2+}), xenon dimer (Xe^{2+}), radon dimer(Rn^{2+}) and ununoctium dimer (Uuo^{2+}) molecular cations"*, Chem Sci J 7: e112, 2016.
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- [56] **A. Heidari**, *"A combined computational and QM/MM molecular dynamics study on boron nitride nanotubes (BNNTs), amorphous boron nitride nanotubes (a–BNNTs) and hexagonal boron nitride nanotubes (h–BNNTs) as hydrogen storage"*, Struct Chem Crystallogr Commun 2: 1, 2016.
- [57] **A. Heidari**, *"Pharmaceutical and analytical chemistry study of cadmium oxide (CdO) nanoparticles synthesis methods and properties as anti–cancer drug and its effect on human cancer cells"*, Pharm Anal Chem Open Access 2: 113, 2016.
- [58] **A. Heidari**, *"A chemotherapeutic and biospectroscopic investigation of the interaction of double–standard DNA/RNA–binding molecules with cadmium oxide (CdO) and rhodium (III) oxide (Rh_2O_3) nanoparticles as anti–cancer drugs for cancer cells' treatment"*, Chemo Open Access 5: e129, 2016.
- [59] **A. Heidari**, *"Pharmacokinetics and experimental therapeutic study of DNA and other biomolecules using lasers: Advantages and applications"*, J Pharmacokinet Exp Ther 1: e005, 2016.
- [60] **A. Heidari**, *"Determination of ratio and stability constant of DNA/RNA in human cancer cells and cadmium oxide (CdO) nanoparticles complexes using analytical electrochemical and spectroscopic techniques"*, Insights Anal Electrochem 2: 1, 2016.
- [61] **A. Heidari**, *"Discriminate between antibacterial and non–antibacterial drugs artificial neutral networks of a multilayer perceptron (MLP) type using a set of topological descriptors"*, J Heavy Met Toxicity Dis. 1: 2, 2016.
- [62] **A. Heidari**, *"Combined theoretical and computational study of the Belousov–Zhabotinsky chaotic reaction and Curtius rearrangement for synthesis of mechlorethamine, cisplatin, streptozotocin, cyclophosphamide, melphalan, busulphan and BCNU as anti–cancer drugs"*, Insights Med Phys. 1: 2, 2016.

- [63] **A. Heidari**, *"A translational biomedical approach to structural arrangement of amino acids' complexes: A combined theoretical and computational study"*, Transl Biomed. 7: 2, 2016.
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- [71] **A. Heidari**, *"Study of the role of anti–cancer molecules with different sizes for decreasing corresponding bulk tumor multiple organs or tissues"*, Arch Can Res. 4: 2, 2016.
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- [86] **A. Heidari**, *"The quantum entanglement dynamics induced by non–linear interaction between a moving 6–methoxy–8–[[6–methoxy–8–[[6–methoxy–2–methyl–1–(2–methylpropyl)–3,4–dihydro–1H–isoquinolin–7–yl]oxy]–2–methyl–1–(2–methylpropyl)–3,4–dihydro–1H–isoquinolin–7–yl]oxy]–2–methyl–1–(2–methylpropyl)–3,4–dihydro–1H–isoquinolin–7–ol and a two–mode field with two–photon transitions using reduced Von Neumann entropy and Jaynes–Cummings model"*, International Journal of Theoretical, Computational and Mathematical Chemistry, Volume 2, Number 1, Pages 20–22, 2016.

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- [4] **Alireza Heidari**, Narges Shojafard, Niloofar Heidari, *"Calculation of rotational structure of CF_4 molecule by using the J. Moret–Bailly theory"*, 15th Iranian Seminar of Organic Chemistry, 27–29 August 2008, Kermanshah, Iran.
- [5] **Alireza Heidari**, Sahel Toufani, Narges Shojafard, Niloofar Heidari, *"Methane conversion into hydrocarbons by double electrical discharge"*, The 12th Iranian Chemical Engineering Congress, 20–23 October 2008, Tabriz, Iran.
- [6] **Alireza Heidari** and Narges Shojafard, *"The calculated neutron energy spectrum of –n source using the Monte–Carlo method"*, National Conference of Computing in Chemistry, 12–13 November 2008, Arak, Iran.
- [7] **Alireza Heidari** and Narges Shojafard, *"Fabrication and study of carbon nanotube by plasma enhanced chemical vapor deposition: PECVD"*, The 2nd International Student Conference of Biotechnology, 15–17 November 2008, Tehran, Iran.
- [8] **Alireza Heidari**, *"Numerical solution of the homonuclear diatomic nuclear Schrödinger equation using various empirical potential functions via the Numerov method"*, National Physics Conference, 10–11 December 2008, Shahreza, Iran.
- [9] Sahel Toufani, Sayyed Abolfazl SeyedSadjadi, Manzarbanoo Esnaashari, Narges Shojafard, Shakila Motamedi, Mona Farahani, Maryam Moghaddam and **Alireza Heidari**, *"Biological elimination of azo dies from textile industry waterwaste by using the Aspergillus niger fungus"*, 1st Scientific Student Conference of Sciences & Color Technology, 03–05 March 2009, Tehran, Iran.
- [10] **Alireza Heidari**, Sayyed Abolfazl SayyedSadjadi, Sahel Toufani, Manzarbanoo Esnaashari, Narges Shojafard, Niloofar Heidari, *"Sea surface temperature and Ekman transport in the Persian Gulf"*, 3rd Conference & Exhibition on Environmental Engineering, 17–21 October 2009, Tehran, Iran.
- [11] Sahel Toufani, Sayyed Abolfazl SayyedSadjadi, Shakila Motamedi, Mona Farahani and **Alireza Heidari**, "*Use of scrap tire as asphalt modifier"*, 3rd Conference & Exhibition on Environmental Engineering, 17–21 October 2009, Tehran, Iran.
- [12] Manouchehr Nikazar, Mohammad Ali Safarpour, Sahel Toufani, **Alireza Heidari**, *"The effects of surfactants on asphaltene precipitation onset in present nano–tetra phenyl porphyrin"*, 13th Iranian Physical Chemistry Conference, 12–15 April 2010, Shiraz, Iran.
- [13] Sayyed Abolfazl Seyed Sadjadi, Mohammad Hadi Riazi, Abbas Banaei, **Alireza Heidari**, *"Electrochemical synthesis of copper nanoparticles in surfactant solutions"*, 13th Iranian Physical Chemistry Conference, 12–15 April 2010, Shiraz, Iran.
- [14] P. Oseloka Ezepue, O. Anwar Bég, **Alireza Heidari**, *"Chaos, complexity, theory, global financial crisis and the prospects for financial engineering research in (pre–emerging) financial markets: A work–in–progress"*, 3rd Chaotic Modeling and Simulation International Conference, 01–04 June 2010, Chania Crete, Greece.

- [15] **Alireza Heidari**, O. Anwar Bég, P. Oseloka Ezepue, *"An analytical and numerical investigation into dissipative chaos in semiconductor superlattices"*, 3rd International Conference on Chaotic Simulation and Modeling, 01–04 June 2010, Chania Crete, Greece.
- [16] **Alireza Heidari**, *"HRR TEA–CO_2 laser with 220W average output power"*, National Congress on Laser in Medicine, 16–18 February 2011, Tehran, Iran.
- [17] **Alireza Heidari**, *"Investigation and study of electron trajectories in free electron lasers with realizable helical wiggler and ion channel guiding by using the Mathematica"*, National Congress on Laser in Medicine, 16–18 February 2011, Tehran, Iran.
- [18] **Alireza Heidari**, *"MIR–difference laser spectrometer for CO detection in combustions"*, National Congress on Laser in Medicine, 16–18 February 2011, Tehran, Iran.
- [19] **Alireza Heidari**, *"Design and construction of a tunable semiconductor laser"*, National Congress on Laser in Medicine, 16–18 February 2011, Tehran, Iran.
- [20] **Alireza Heidari**, *"FT–Raman spectroscopic studies of Nd: YAG laser–irradiated human dental enamel"*, National Congress on Laser in Medicine, 16–18 February 2011, Tehran, Iran.
- [21] Roozbeh Amiri, Foad Khademi Jahromi, **Alireza Heidari**, *"Study and investigation into the effects of $AgNO_3$ concentration on the formation of Ag nanoparticles in Sol–Gel derived Ag–SiO_2 thin films"*, 1st Conference on Nanothechnology Applications in the Petroleum and Petrochemical Industries, 18–19 May 2011, Mahshahr, Iran.
- [22] Roozbeh Amiri, Foad Khademi Jahromi, **Alireza Heidari**, *"Investigation and study into the effects of Al_2O_3 nanopowder addition on phase formation and superconducting properties of $Bi_{1.6}Pb_{0.4}Sr_{1.9}Ca_{2.1}Cu_3O_{10-y}$"*, 1st Conference on Nanothechnology Application in the Petroleum and Petrochemical Industries, 18–19 May 2011, Mahshahr, Iran.
- [23] Foad Khademi Jahromi, Roozbeh Amiri, **Alireza Heidari**, *"The study of carbon nanotubes doped with trivalent elements using back scattering Raman vibrational spectroscopy"*, 1st conference on the application of Nanothechnology applications in the Petroleum and Petrochemical Industries, 18–19 May 2011, Mahshahr, Iran.
- [24] Ahmet Yıldırım, Behrouz Raftari, **Alireza Heidari**, *"Non–perturbative solution of a nonlinear ODE arising in magnetohydrodynamic"*, International Conference on Applied Analysis and Algebra, 29th June–03rd July 2011, Istanbul, Turkey.
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- [26] Zehra Pınar, Ahmet Yıldırım, Syed Tauseef Mohyud–Din, **Alireza Heidari**, *"Solitary and periodic solutions of Fitzhugh–Nagumo equation"*, International

Conference on Applied Analysis and Algebra, 29th June–03rd July 2011, Istanbul, Turkey.

- [27] Dilek Sunay, Ahmet Yıldırım, Subir Das, K. Vishal, Praveen Kumar Gupta, **Alireza Heidari**, *"An efficient technique for solving time–fractional telegraph equations"*, International Conference on Applied Analysis and Algebra, 29th June–03rd July 2011, Istanbul, Turkey.
- [28] Moltem Turan, Ahmet Yıldırım, Davood Younesian, Hassan Askari, Zia Saadatnia, **Alireza Heidari**, *"Approximate periodic solutions for conservative nonlinear oscillator containing a fraction order elastic force"*, International Conference on Applied Analysis and Algebra, 29th June–03rd July 2011, Istanbul, Turkey.
- [29] Semiha Özgül, Ahmet Yıldırım, Zia Saadatnia, Hassan Askari, **Alireza Heidari**, *"A study of nonlinear oscillators with rational and irrational elastic terms"*, International Conference on Applied Analysis and Algebra, 29th June–03rd July 2011, Istanbul, Turkey.
- [30] Roozbeh Amiri, Foad Khademi Jahromi, **Alireza Heidari**, *"A study and investigation into the effects of temperature and atmosphere on the spinel phase formation of nano–manganese ferrite"*, 1st National Student Conference on Nanotechnology, 10–11 July 2011, Shahreza, Iran.
- [31] Roozbeh Amiri, Foad Khademi Jahromi, **Alireza Heidari**, *"A study and investigation into the effects of Ag nanoparticles as flux pinning centers in $YBa_2Cu_3O_{7-\delta}$"*, The 1st National Student Conference on Nanotechnology, 10–11 July 2011, Shahreza, Iran.
- [32] Foad Khademi Jahromi, Roozbeh Amiri, **Alireza Heidari**, *"A new approach into superconductivity within single wall carbon nanotubes"*, 1st National Student Conference on Nanotechnology, 10–11 July 2011, Shahreza, Iran.
- [33] Foad Khademi Jahromi, Roozbeh Amiri, **Alireza Heidari**, *"A study and investigation into the electrical conductance within a single wall carbon nanotube (SWCNT): Tight binding model"*, 1st National Student Conference on Nanotechnology, 10–11 July 2011, Shahreza, Iran.
- [34] **Alireza Heidari**, *"Investigation into 1, 4–ditiooctans analytical conformation through quantum mechanic calculations: A HF and DFT study"*, The 13th European Symposium on Organic Reactivity, 11–16 September 2011, Tartu, Estonia.
- [35] **Alireza Heidari**, *"Ab initio study of conformational properties and thermodynamic properties of 1,3–ditiooctan isomers"*, 13th European Symposium on Organic Reactivity, 11–16 September 2011, Tartu, Estonia.
- [36] **Alireza Heidari**, Participant, NanoThailand 2012, 09–11 April 2012, Khon Kaen, Thailand.
- [37] Mohammadali Ghorbani, **Alireza Heidari**, Niloofar Heidari, Ahmet Yıldırım, *"Studying forms of aza–cyclo alkadienes with middle size via the ab initio method"*, 14th

International Conference on the Union of Pure and Applied Chemistry within Polymers and Organic Chemistry, 06–09 January 2012, Doha, Qatar.

- [38] Mohammadali Ghorbani, **Alireza Heidari**, Niloofar Heidari, Ahmet Yıldırım, *"Conformational, structural and aromatic features of (8,8) close–ended carbon nanotube 7/5/7 ring arrangement: A theoretical ab initio study"*, 14th International Conference on the Union of Pure and Applied Chemistry within Polymers and Organic Chemistry, 06–09 January 2012, Doha, Qatar.
- [39] Mohammadali Ghorbani, **Alireza Heidari**, Niloofar Heidari, Ahmet Yıldırım, *"Ab initio study into 5,6 dihydroxy naphtalen 1,4 dion and derivatives, NICS and the ring current effect"*, 14th International Conference on the Union of Pure and Applied Chemistry within Polymers and Organic Chemistry, 06–09 January 2012, Doha, Qatar.
- [40] **Alireza Heidari**, Niloofar Heidari, Mohammadali Ghorbani, Ahmet Yıldırım, *"An analytical and numerical approach into LZ complexity within chaotic dynamical systems and the quasiperiodic Fibonacci sequence"*, 4th International Interdisciplinary Chaos Symposium on Chaos and Complex Systems, 29 April–02 May 2012, Antalya, Turkey.
- [41] **Alireza Heidari**, Niloofar Heidari, Mohammadali Ghorbani, Ahmet Yıldırım, *"A new approach to recognizing chaotic states in stadium billiards by calculating gyration radius"*, 4th International Interdisciplinary Chaos Symposium on Chaos and Complex Systems, 29 April–02 May 2012, Antalya, Turkey.
- [42] **Alireza Heidari**, Pravindya Haputhanthri, Ekaterina Izgorodina, Bayden Wood, *"Analysis of conformations and vibrational frequencies of AMP, ADP, and ATP: A combined computational and experimental study"*, PhysChem 2013, 04–06 December 2013, Hobart, Tasmania, Australia.
- [43] **Alireza Heidari**, Organizing Committee Member (OCM), 10th Global Annual Oncologists Meeting, 11–13 July 2016, Cologne, Germany.
- [44] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Mucosal Immunology and Vaccine Development, 28–29 July 2016, Melbourne, Victoria, Australia.
- [45] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference and Expo on Pharmaceutics and Biologic Drugs, 14–16 September 2016, San Antonio, Texas, USA.
- [46] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Gastrointestinal Cancer and Therapeutics, 31 October 2016–01 November 2016, Toronto, Ontario, Canada.
- [47] **Alireza Heidari**, Invited, Key and Renowned Speaker, *"Prediction and detection of DNA/RNA of human cancer cells using synchrotron radiations and various biospectroscopic techniques"*, BIT's 4th Annual Global Health Conference–2016 (AGHC–2016), 18–20 November 2016, Kaohsiung, Taiwan.
- [48] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Radiation Oncology & Anti–Cancer Therapy, 21–22 November 2016, Dubai, UAE.
- [49] **Alireza Heidari**, Organizing Committee Member (OCM), 14th World Cancer &

Anti–Cancer Therapy Convention, 21–22 November 2016, Dubai, UAE.

- [50] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Cancer Care and Cure (Cancer Care–2016), 01–02 December 2016, Dubai, UAE.
- [51] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Health and Hospital Management, 08–09 December 2016, Dubai, UAE.
- [52] **Alireza Heidari**, Editor Board Member of Conference, 1st International Conference on Futuristic Trends in Engineering, Science, Pharmacy and Management, 23–24 December 2016, Gandhinagar, Gujarat, India.
- [53] **Alireza Heidari**, Invited, Key and Renowned Speaker, *"Commercialization of High Technologies"*, The Third Festival on the Commercialization of High Technologies, 26–27 January 2017, Kish Island, Hormozgan, Iran.
- [54] **Alireza Heidari**, Organizing Committee Member (OCM), 15th Annual Summit on Vaccines and Immunization, 20–21 February 2017, Berlin, Germany.
- [55] **Alireza Heidari**, Advisory Board & Faculty, 2nd Global Cancer Summit, 22–24 March 2017, Kuala Lumpur, Malaysia.
- [56] **Alireza Heidari**, Conference Committee and Reviewers Member, International Conference on Teacher Preparation in the Muslim World (ICTEM), 24–25 March 2017, Dubai, UAE.
- [57] **Alireza Heidari**, Conference Committee and Reviewers Member, International Conference on Educational Studies (ICES), 24–25 March 2017, Dubai, UAE.
- [58] **Alireza Heidari**, Conference Committee and Reviewers Member, International Conference on Language Teaching and Learning in the 21st Century (ICLTL), 24–25 March 2017, Dubai, UAE.
- [59] **Alireza Heidari**, Conference Committee and Reviewers Member, International Conference on Interdisciplinary Social Sciences (ICISS), 24–25 March 2017, Dubai, UAE.
- [60] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress & Expo on Biotechnology and Bioengineering, 27–29 March 2017, Dubai, UAE.
- [61] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress & Expo on Pharmaceutics & Drug Delivery Systems, 27–29 March 2017, Kuala Lumpur, Malaysia.
- [62] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference and Expo on Applied Science, Management and Technology, 06–08 April 2017, Dubai, UAE.
- [63] **Alireza Heidari**, Organizing Committee Member (OCM), 16th Global Annual Oncologists Meeting, 24–25 April 2017, Dubai, UAE.
- [64] **Alireza Heidari**, Organizing Committee Member (OCM), 4th Annual Congress and Expo on Biofuels and Bioenergy, 27–28 April 2017, Dubai, UAE.
- [65] **Alireza Heidari**, Invited, Key and Renowned Speaker, *"Transdermal drug delivery system: Quality by design (QBD) approach"*, World Congress on Pharmaceutical & Chemical Sciences, 03–05 May 2017, Madrid, Spain.
- [66] **Alireza Heidari**, Invited, Key and Renowned Speaker, *"Role of synchrotron radiations in prediction and detection of DNA/RNA of human cancer cells"*, BIT's 10 th Annual World Cancer Congress–2017 (WCC–2017), 19–21 May 2017, Barcelona,

Spain.

- [67] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Biotherapeutics, 22–23 May 2017, Mexico City, Mexico.
- [68] **Alireza Heidari**, Organizing Committee Member (OCM), 8th International Conference on Proteomics and Bioinformatics (Proteomics 2017), 22–24 May 2017, Osaka, Japan.
- [69] **Alireza Heidari**, Organizing Committee Member (OCM), 6th World Congress on Medicinal Chemistry, 07–08 June 2017, Milan, Italy.
- [70] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Metabolic and Bariatric Surgery, 12–13 June 2017, Rome, Italy.
- [71] **Alireza Heidari**, Honorable Advisory Board Member (HABM), International Summit on Pharma & Clinical Trials (Innovative Pharma 2017), 12–13 June 2017, Sydney, New South Wales, Australia.
- [72] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Pancreatic Cancer & Liver Diseases (Pancreatic Cancer 2017), 12–13 June 2017, London, UK.
- [73] **Alireza Heidari**, Organizing Committee Member (OCM), 8th International Conference on Blood Cancer & Treatment, 26–27 June 2017, London, UK.
- [74] **Alireza Heidari**, Organizing Committee Member (OCM), 8th World Congress on Bioavailability & Bioequivalence: BA/BE Studies Summit (BABE 2017), 26–27 June 2017, San Diego, California, USA.
- [75] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Oncology Nursing, 03–04 July 2017, Barcelona, Spain.
- [76] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress on Molecular Genetics and Gene Therapy, 03–05 July 2017, Bangkok, Thailand.
- [77] **Alireza Heidari**, Organizing Committee Member (OCM), 9th Asia Pacific Global Summit on Healthcare, 03–05 July 2017, Kuala Lumpur, Malaysia.
- [78] **Alireza Heidari**, Invited, Key and Renowned Speaker, *"Study of Excimer and Exciplex Lasers Treatment for Human Cancer Cells and Tissues"*, 2017 PCS 3rd Annual World Pathology Conference (WPC–2017), 08–09 July 2017, Rome, Italy.
- [79] **Alireza Heidari**, Organizing Committee Member (OCM), 5th International Conference on Sustainable Bioplastics, 20–21 July 2017, Munich, Germany.
- [80] **Alireza Heidari**, Organizing Committee Member (OCM), 6th International Conference on Environmental Chemistry and Engineering, 24–25 July, Rome, Italy.
- [81] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Nuclear Medicine & Radiation Therapy, 27–28 July 2017, Rome, Italy.
- [82] **Alireza Heidari**, Organizing Committee Member (OCM), 10th International Conference on Clinical and Surgical Ophthalmology, 07–09 August 2017, Beijing, China.
- [83] **Alireza Heidari**, Organizing Committee Member (OCM), 8th Asian Biologics and Biosimilars Congress (Asian Biosimilars 2017), 10–12 August 2017, Beijing, China.
- [84] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference and Expo on Holistic Medicine and Nursing (Holistic Medicine–2017), 14–

15 August 2017, Toronto, Canada.

- [85] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Biotechnology Congress 2017, 17–18 August 2017, Toronto, Canada.
- [86] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd Global Nanotechnology Congress and Expo, 21–23 August 2017, Dallas, Texas, USA.
- [87] **Alireza Heidari**, Organizing Committee Member (OCM), 9th International Conference and Expo on Molecular & Cancer Biomarkers (World Biomarkers 2017), 24–25 August 2017, Birmingham, UK.
- [88] **Alireza Heidari**, Organizing Committee Member (OCM), 14th International Conference and Exhibition on Pharmaceutical Formulations (Formulation 2017), 28–29 August 2017, Brussels, Belgium.
- [89] **Alireza Heidari**, Organizing Committee Member (OCM), 20th International Conference on Radiation Oncology & Anti–Cancer Therapy (Anti–Cancer Therapy 2017), 28–29 August 2017, Brussels, Belgium.
- [90] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd International Conference on Biopharmaceutics and Biologic Drugs (Biopharma 2017), 31 August 2017–01 September 2017, Philadelphia, Pennsylvania, USA.
- [91] **Alireza Heidari**, Organizing Committee Member (OCM), 11th International Conference on Advanced Materials & Processing (Advanced Materials 2017), 7–8 September 2017, Edinburgh, Scotland.
- [92] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Biotherapeutics and Bioanalytical Techniques (Biotherapeutics 2017), 11–13 September 2017, Dallas, Texas, USA.
- [93] **Alireza Heidari**, Organizing Committee Member (OCM), International Congress on Gastroenterology & Hepatology (ICGH–2017), 11–13 September 2017, Miami, Florida, USA.
- [94] **Alireza Heidari**, Scientific Committee Member (SCM), International Conference on Women's Health, Gynecology & Obstetrics, 18–19 September 2017, Amsterdam, Netherlands.
- [95] **Alireza Heidari**, Organizing Committee Member (OCM), Global Bioanalysis Summit 2017, 18–19 September 2017, San Diego, California, USA.
- [96] **Alireza Heidari**, Organizing Committee Member (OCM), Global Bioanalysis Summit (Bioanalysis Summit 2017), 18–20 September 2017, San Francisco, California, USA.
- [97] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd International Conference on Advanced Clinical Research and Clinical Trials, 20–21 September 2017, Dublin, Ireland.
- [98] **Alireza Heidari**, Organizing Committee Member (OCM),10th Pharmacovigilance Congress, 20–21 September 2017, Charlotte, North Carolina, USA.
- [99] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress on Medical Sociology and Community Health (Medical Sociology 2017), 25–26 September 2017, Atlanta, Georgia, USA.
- [100] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Mycology, Mushrooms & Mycotechnology (Mycology 2017), 25–26

September 2017, Chicago, Illinois, USA.

- [101] **Alireza Heidari**, Organizing Committee Member (OCM), 5th International summit on Medical Biology & Bioengineering (Bioengineering 2017), 27–28 September 2017, Chicago, Illinois, USA.
- [102] **Alireza Heidari**, Organizing Committee Member (OCM), 8th International Conference and Exhibition on Biosensors and Bioelectronics, 27–29 September 2017, Chicago, Illinois, USA.
- [103] **Alireza Heidari**, Organizing Committee Member (OCM), 9th Annual Pharmaceutical Chemical Analysis Congress (Pharma Analysis 2017), 02–03 October 2017, Vienna, Austria.
- [104] **Alireza Heidari**, Organizing Committee Member (OCM), 7th International Conference on Predictive, Preventive and Personalized Medicine & Molecular Diagnostics, 05–06 October 2017, Chicago, Illinois, USA.
- [105] **Alireza Heidari**, Review Board Member (RBM), International Biotechnology and Pharmaceutical Industry Forum (Biopharma–2017), 09–10 October 2017, New Delhi, India.
- [106] **Alireza Heidari**, Organizing Committee Member (OCM), International Congress on Gastroenterology & Hepatology (Gastroenterology–2017), 09–11 October 2017, Chicago, Illinois, USA.
- [107] **Alireza Heidari**, Organizing Committee Member (OCM), 5th World Conference on Applied Science, Engineering and Technology (WCASET–17), 11–12 October 2017, Bangkok, Thailand.
- [108] **Alireza Heidari**, Organizing Committee Member (OCM), Global Experts Meeting On Pharmaceutics & Drug Delivery Systems (Pharmaceutics Meeting 2017), 12–13 October 2017, Osaka, Japan.
- [109] **Alireza Heidari**, Organizing Committee Member (OCM), International Meeting on Biopolymers and Polymer Chemistry (Biopolymers Meeting 2017), 12–13 October 2017, Osaka, Japan.
- [110] **Alireza Heidari**, Program Technical Committee Member (PTCM), 2nd International Conference on Conscientious & Unimpeachable Technologies 2017 (ICCUT–2017), 14 October 2017, Haryana, India.
- [111] A**lireza Heidari**, Organizing Committee Member (OCM), 3rd World Congress on Natural Products Chemistry and Research (Natural Products Congress 2017), 16–17 October 2017, Budapest, Hungary.
- [112] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Pharmaceutical and Biomedical Engineering (Pharma Engineering 2017), 16–17 October 2017, Osaka, Japan.
- [113] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Nanoscience and Nano Technology (Asia Pacific Nano Congress 2017), 16–17 October 2017, Dubai, UAE.
- [114] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International Biomedical Engineering Conference (Biomedical 2017), 16–17 October 2017, Osaka, Japan.
- [115] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International

Conference on Past and Present Research Systems of Green Chemistry (Green Chemistry 2017), 16–18 October 2017, Atlanta, Georgia, USA.

- [116] **Alireza Heidari**, Organizing Committee Member (OCM), 5th International Conference on Nanotechnology and Materials Science (Nanotek–2017), 16–18 October 2017, Dubai, UAE.
- [117] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Gastrointestinal Cancer and Therapeutics (GI Cancer 2017), 16–18 October 2017, Baltimore, Maryland, USA.
- [118] **Alireza Heidari**, Organizing Committee Member (OCM), 11th World Drug Delivery Summit (Drug Delivery 2017), 16–18 October 2017, Baltimore, Maryland, USA.
- [119] **Alireza Heidari**, Organizing Committee Member (OCM), 15th World Medical Nanotechnology Congress & Expo, 18–19 October 2017, Osaka, Japan.
- [120] **Alireza Heidari**, Organizing Committee Member (OCM), 10th International Conference on Biomarkers & Clinical Research, 18–20 October 2017 (Biomarkers 2017), Baltimore, Maryland, USA.
- [121] **Alireza Heidari**, Organizing Committee Member (OCM), 9th Annual Congress on Drug Design & Drug Formulation (Drug Formulation 2017), 19–20 October 2017, Seoul, South Korea.
- [122] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd International Conference and Exhibition on Theoretical and Condensed Matter Physics, 19–21 October 2017, New York, USA.
- [123] **Alireza Heidari**, Scientific Committee Member (SCM), Global Conference on Catalysis and Reaction Engineering (GCR 2017), 19–21 October 2017, Las Vegas, Nevada, USA.
- [124] **Alireza Heidari**, Advisory Board Member (ABM), Frontiers of Applied Microbiology, 23–24 October 2017, International Online Conference, UK.
- [125] **Alireza Heidari**, Organizing Committee Member (OCM), 10th World Congress on Stem Cell and Biobanking (Stem Cell Convention 2017), 23–24 October 2017, Osaka, Japan.
- [126] **Alireza Heidari**, Organizing Committee Member (OCM), Global Proteomics Conference (Proteomics Meeting 2017), 25–26 October 2017, Dubai, UAE.
- [127] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Gastroenterology and Endoscopy, 30–31 October 2017, Toronto, Canada.
- [128] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd International Conference on Transcriptomics (Transcriptomics 2017), 30 October 2017–01 November 2017, Bangkok, Thailand.
- [129] **Alireza Heidari**, Organizing Committee Member (OCM), 6th World Congress on Breast Cancer, 01–02 November 2017, Toronto, Canada.
- [130] **Alireza Heidari**, Advisory Board Member (ABM), New Trends in Nano Science & Nanotechnology, 01–02 November 2017, International Online Conference, UK.
- [131] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International Congress on Drug Discovery, Designing and Development (Drug Discovery 2017), 02–03 November 2017, Chicago, Illinois, USA.

- [132] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Healthcare & Hospital Management, 06–07 November 2017, Vienna, Austria.
- [133] **Alireza Heidari**, Organizing Committee Member (OCM), International Healthcare and Patient Safety Conference, 06–07 November 2017, Dubai, UAE.
- [134] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Obesity and Weight Loss (Obesity–2017), 06–08 November 2017, Barcelona, Spain.
- [135] **Alireza Heidari**, Recent Trends in Novel Drug Delivery System, Advisory Board Member (ABM), 08–09 November 2017, International Online Conference, UK.
- [136] **Alireza Heidari**, Organizing Committee Member (OCM), Global Summit and Expo on Proteomics (Proteomics–2017), 09–11 November 2017, Valencia, Spain.
- [137] **Alireza Heidari**, Scientific Advisory Board Member (SABM), BIT's 1st World Congress of Biomedical Engineering 2017 (WCBME–2017), 09–11 November 2017, Xi'an, China.
- [138] **Alireza Heidari**, Invited, Key and Renowned Speaker, "Biomedical Applications of Synchrotron Radiation in Human Cancer Cells Treatment", BIT's 1st World Congress of Biomedical Engineering 2017 (WCBME–2017), 09–11 November 2017, Xi'an, China.
- [139] **Alireza Heidari**, Organizing Committee Member (OCM), 19th International Conference on Nanotechnology and Expo (Nanotech 2017), 13–14 November 2017, Atlanta, Georgia, USA.
- [140] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Meeting on Pharmacology, 16–17 November 2017, Dubai, UAE.
- [141] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference and Exhibition on Nanotechnology & Materials Science, 20–22 November 2017, Dubai, UAE.
- [142] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Biotechnology Congress, 04–05 December 2017, Sao Paulo, Brazil.
- [143] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Bioequivalence & Bioavailability (BEBA–2017), 04–06 December 2017, San Francisco, California, USA.
- [144] **Alireza Heidari**, Organizing Committee Member (OCM), Global Meeting on Materials Science & Nanotechnology (Materials Meeting 2017), 11–12 December 2017, Dubai, UAE.
- [145] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Pharmaceutics and Novel Drug Delivery Systems (Pharma 2017), 11–13 December 2017, Dubai, UAE.
- [146] **Alireza Heidari**, Scientific Advisory Committee Member (SACM), 3rd World Congress on Pharmaceutics and Drug Discovery (WCPDD 2017), 15–16 December 2017, Dubai, UAE.
- [147] **Alireza Heidari**, International Advisory Board Member (IABM), International Online Medical Conference (IOMC 2017), 2017, India.
- [148] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference and Exhibition on Nanotechnology (Nano USA 2018), 07–09 February

2018, San Diego, California, USA.

- [149] **Alireza Heidari**, Technical Committee Member (TCM), 4th International Conference on Information Management and Industrial Engineering (ICII 2018), 10–13 February 2018, Cape Town, South Africa.
- [150] A**lireza Heidari**, Organizing Committee Member (OCM), 12th World Congress on Pharmaceutical Sciences and Innovations in Pharma Industry (Pharmaceutical Sciences 2018), 26–27 February 2018, London, UK.
- [151] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd Global Summit and Expo on Dental & Oral Diseases (GSEDOD–2018), 26–27 February 2018, Abu Dhabi, UAE.
- [152] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Metabolomics (ICOM 2018), 26–28 February 2018, Bangkok, Thailand.
- [153] **Alireza Heidari**, Organizing Committee Member (OCM), 13th International Conference on Laboratory Medicine & Pathology (Laboratory Medicine 2018), 05–07 March 2018, Berlin, Germany.
- [154] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International Conference on Condensed Matter and Materials Physics (Materials Physics 2018), 12–13 March 2018, Barcelona, Spain.
- [155] **Alireza Heidari**, Organizing Committee Member (OCM), 8th Edition of International Conference on Mass Spectrometry (Mass Spectrometry 2018), 12–13 March 2018, London, UK.
- [156] **Alireza Heidari**, Organizing Committee Member (OCM), 23rd International Conference on Nanomaterials and Nanotechnology (Nanomaterials 2018), 15–16 March 2018, London, UK.
- [157] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd World Congress & Expo on Pharmaceutics & Drug Delivery Systems (Pharmaceutics–2018), 19–20 March 2018, London, UK.
- [158] **Alireza Heidari**, Organizing Committee Member (OCM), 29th International Conference on Vaccines and Immunization (Vaccines Summit 2018), 19–20 March 2018, London, UK.
- [159] **Alireza Heidari**, Organizing Committee Member (OCM), 11th Edition of International Conference on Proteomics, 22–23 March 2018, London, UK.
- [160] **Alireza Heidari**, Organizing Committee Member (OCM), 16th International Conference on Emerging Materials and Nanotechnology (Emerging Materials Congress 2018), 22–23 March 2018, London, UK.
- [161] **Alireza Heidari**, Organizing Committee Member (OCM), 7th Edition of International Conference on Internal Medicine & Patient Care (Internal Medicine 2018), 26–27 March 2018, Vienna, Austria.
- [162] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd International Conference on Nuclear Medicine & Radiation Therapy (Nuclear Medicine 2018), 26–27 March 2018, Edinburgh, Scotland.
- [163] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference & Exhibition on Biologics and Biosimilars (Biosimilars 2018), 26–27 March 2018, Orlando, Florida, USA.

- [164] **Alireza Heidari**, Organizing Committee Member (OCM), 9th Edition of International Conference on Analytical Chemistry, 26–28 March 2018, Vienna, Austria.
- [165] **Alireza Heidari**, Organizing Committee Member (OCM), 6th Edition of International Conference on Pain Management, 26–28 March 2018, Vienna, Austria.
- [166] **Alireza Heidari**, Scientific Advisory Board Member (SABM), BIT's 6th Annual Conference of AnalytiX 2018 (AnalytiX–2018), 26–28 March 2018, Miami, Florida, USA.
- [167] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress on Embryology and In Vitro Fertilization (Embryology 2018), 30–31 March 2018, Orlando, Florida, USA.
- [168] **Alireza Heidari**, Scientific Committee Member (SCM), Global Pharma Meet & Expo 2018 (Pharma Meet 2018), 02–04 April 2018, Dubai, UAE.
- [169] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Pharmacy and Pharmaceutical Sciences (Pharmacy Conference 2018), 09–11 April 2018, Dubai, UAE.
- [170] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Materials Science and Graphene Technology 2018 (Materials Science 2018), 09–11 April 2018, Dubai, UAE.
- [171] **Alireza Heidari**, Technical Committee Member (TCM), 2018 International Conference on Nanomaterials, Materials and Manufacturing Engineering (ICNMM 2018), 13–15 April 2018, Chengdu, China.
- [172] A**lireza Heidari**, Organizing Committee Member (OCM), 6th Edition of International Conference on Pharmacognosy and Medicinal Plants (Pharmacognosy 2018), 16–17 April 2018, Amsterdam, Netherlands.
- [173] **Alireza Heidari**, Organizing Committee Member (OCM), EuroSciCon Conference on Stem Cell, 16–17 April 2018, Amsterdam, Netherlands.
- [174] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference and Expo on Graphene & Semiconductors (Graphene 2018), 16–17 April 2018, Las Vegas, Nevada, USA.
- [175] **Alireza Heidari**, Keynote Speaker, Global Summit on Nursing and Medical Devices Expo (Nursing–2018), 16–18 April 2018, Dubai, UAE.
- [176] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nanoscience & Nanoengineering (NSNE 2018), 18–19 April 2018, Las Vegas, Nevada, USA.
- [177] **Alireza Heidari**, Organizing Committee Member (OCM), 22nd International Conference on Neurology & Neurophysiology (Neuro'18), 23–25 April 2018, Rome, Italy.
- [178] **Alireza Heidari**, Organizing Committee Member (OCM), International Translational and Regenerative Medicine Conference (ITMC–2018), 25–27 April 2018, Rome, Italy.
- [179] A**lireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress and Expo on Biotechnology and Bioengineering, 07–09 May 2018, Dubai, UAE.
- [180] **Alireza Heidari**, Organizing Committee Member (OCM), 12th Edition of International Conference on Tissue Engineering and Regenerative Medicine (Tissue

Science 2018), 10–11 May 2018, Frankfürt, Germany.

- [181] **Alireza Heidari**, Organizing Committee Member (OCM), 22nd Edition of International Conference on Immunology and Evolution of Infectious Diseases (Immunology Research 2018), 10–11 May 2018, Frankfürt, Germany.
- [182] **Alireza Heidari**, Organizing Committee Member (OCM), 5th World Congress on Advanced Clinical Trials and Clinical Research (Clinical Trials Congress 2018), 14–15 May 2018, Singapore.
- [183] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Neurology and Mental Disorders–2018 (Neurology Conference–2018), 14–16 May 2018, Rome, Italy.
- [184] **Alireza Heidari**, Organizing Committee Member (OCM), 11th Global Experts Meeting on Chemistry, 17–19 May 2018, Singapore.
- [185] **Alireza Heidari**, Organizing Committee Member (OCM), 10th International Conference on Genomics and Molecular Biology, 21–23 May 2018, Barcelona, Spain.
- [186] **Alireza Heidari**, Organizing Committee Member (OCM), Global Summit on Biopharma and Biotherapeutics, 23–24 May 2018, Montreal, Quebec, Canada.
- [187] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd Global Summit on Nutritional Science & Food Chemistry (Nutritionalscience–2018), 24–25 May 2018, Valencia, Spain.
- [188] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Women Health and Breast Cancer (Women Health–2018), 24–25 May 2018, Valencia, Spain.
- [189] **Alireza Heidari**, Organizing Committee Member (OCM), 22nd Global Annual Oncologists Meeting (Oncologists–2018), 24–25 May 2018, Osaka, Japan.
- [190] **Alireza Heidari**, Organizing Committee Member (OCM), 8th Edition of International Conference on Case Reports, 28–29 May 2018, London, UK.
- [191] **Alireza Heidari**, Organizing Committee Member (OCM), 14th Edition of International Conference on Health & Primary Care (Healthcare 2018), 28–29 May 2018, London, UK.
- [192] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Cell and Structural Biology (Cell Biologists Congress 2018), 28–29 May 2018, Osaka, Japan.
- [193] **Alireza Heidari**, Organizing Committee Member (OCM), 4th Edition of international conference on Polymer Science and Technology (Polymer Congress 2018), 04–05 June 2018, London, UK.
- [194] **Alireza Heidari**, Scientific Committee Member (SCM), 2nd Global Conference on Pharmaceutics and Drug Delivery Systems (PDDS–2018), 04–06 June 2018, Rome, Italy.
- [195] **Alireza Heidari**, Organizing Committee Member (OCM), Nano World: Current and Future Perspectives in Nanotechnology (Nano World 2018), 06–07 June 2018, Baltimore, Maryland, USA.
- [196] **Alireza Heidari**, Organizing Committee Member (OCM), World Summit on Toxicology (Toxicology–2018), 11–12 June 2018, Rome, Italy.
- [197] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress on

Surgery & Anesthesia, 11–12 June 2018, Rome, Italy.

- [198] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International Conference on Systems and Synthetic Biology (Synthetic Biology 2018), 11–12 June 2018, Rome, Italy.
- [199] **Alireza Heidari**, Organizing Committee Member (OCM), 2 nd Edition of International Conference on Chemistry and Chemical Engineering (Chemical Engineering 2018), 14–15 June 2018, Barcelona, Spain.
- [200] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd Global Summit & Expo on Laser Optics & Photonics (Optics–2018), 14–16 June 2018, Rome, Italy.
- [201] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress and Expo on Traditional and Alternative Medicine (Traditional Medicine–2018), 14–16 June 2018, Rome, Italy.
- [202] **Alireza Heidari**, Organizing Committee Member (OCM), 2 nd International Conference on Social Sciences & Interdisciplinary Studies (Social Sciences 2018), 18–19 June 2018, Rome, Italy.
- [203] **Alireza Heidari**, Organizing Committee Member (OCM), 14th International Conference on Leukemia and Hematologic Oncology (Hematologic Oncology 2018), 20–21 June 2018, Paris, France.
- [204] **Alireza Heidari**, Organizing Committee Member (OCM), 11th International Conference and Exhibition on Pharmacovigilance & Drug Safety (Pharmacovigilance 2018), 21–22 June 2018, London, UK.
- [205] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems (Pharmaceutics 2018), 21–23 June 2018, London, UK.
- [206] **Alireza Heidari**, Organizing Committee Member (OCM), 21st International Conference on Advanced Nanoscience and Nanotechnology (Nanoscience 2018), 21–23 June 2018, London, UK.
- [207] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Chronic Diseases (Chronic Diseases 2018), 25–26 June 2018, Berlin, Germany.
- [208] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Gastroenterology (Gastro Congress 2018), 25–26 June 2018, Dublin, Ireland.
- [209] **Alireza Heidari**, Organizing Committee Member (OCM), 12th International Conference on Abdominal Imaging and Endoscopy (Endoscopy–2018), 28–29 June 2018, Amsterdam, Netherlands.
- [210] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Structural Biology (Structural Biology 2018), 28–29 June 2018, Bangkok, Thailand.
- [211] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International Conference on Influenza and Zoonotic Diseases (Influenza 2018), 2–3 July 2018, Vienna, Austria.
- [212] **Alireza Heidari**, Organizing Committee Member (OCM), 22nd World Congress on Biotechnology, 10–11 July 2018, Bangkok, Thailand.

- [213] **Alireza Heidari**, Organizing Committee Member (OCM), 18th International Conference on HPLC & Related Chromatographic Techniques (HPLC 2018), 11–12 July 2018, Toronto, Canada.
- [214] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Environmental Toxicology and Health, 11–12 July 2018, Sydney, New South Wales, Australia.
- [215] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International Conference and Exhibition on Marine Drugs & Natural Products (Natural Products 2018), 11–13 July 2018, Rome, Italy.
- [216] **Alireza Heidari**, Organizing Committee Member (OCM), Global Cardiology Summit, 12–13 July 2018, Bangkok, Thailand.
- [217] **Alireza Heidari**, Organizing Committee Member (OCM), 9th International Conference on Tissue Science and Regenerative Medicine (Tissue Science Congress 2018), 13–14 July 2018, Sydney, New South Wales, Australia.
- [218] **Alireza Heidari**, Scientific Advisory Board Member (SABM), 2018 PCS 4th Annual World Pathology Conference (WPC–2018), 14–15 July 2018, Budapest, Hungary.
- [219] **Alireza Heidari**, Organizing Committee Member (OCM), International Research Summit on Biomaterials and Nanotechnology (Biomat 2018), 16–17 July 2018, Atlanta, Georgia, USA.
- [220] **Alireza Heidari**, Organizing Committee Member (OCM), 9th Edition of International Conference on Preventive Medicine & Public Health (Preventive Medicine 2018), 16–17 July 2018, London, UK.
- [221] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Sleep Disorders and Medicine, 16–17 July 2018, London, UK.
- [222] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Synthetic Biology (Synthetic Biology 2018), 16–17 July 2018, Paris, France.
- [223] **Alireza Heidari**, Organizing Committee Member (OCM), 4 th Annual Conference on Preventive Oncology (Preventive Oncology 2018), 18–19 July 2018, Atlanta, Georgia, USA.
- [224] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Mass Spectrometry and Chromatography (Mass Spectra 2018), 19–20 July 2018, Prague, Czech Republic.
- [225] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference & Expo on Green Chemistry and Engineering (ICEGCE–2018), 23–24 July 2018, Barcelona, Spain.
- [226] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd International Conference on Agricultural & Food Chemistry (Food Chemistry 2018), 23–24 July 2018, Rome Italy.
- [227] **Alireza Heidari**, Organizing Committee Member (OCM), World Conference on Analytical & Bioanalytical Chemistry (WCABC–2018), 23–24 July 2018, Barcelona, Spain.
- [228] **Alireza Heidari**, Organizing Committee Member (OCM), 20th Asia Pacific

Nanotechnology Congress (Nanotek Congress 2018), 23–24 July 2018, Sydney, New South Wales, Australia.

- [229] **Alireza Heidari**, Keynote Speaker, 2nd World Congress on Pharmaceutical and Chemical Sciences, 23–25 July 2018, Milan, Italy.
- [230] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference on Magnetism and Magnetic Materials (GCMMM–2018), 23–25 July 2018, Osaka, Japan.
- [231] **Alireza Heidari**, Scientific Committee Member (SCM), 2nd International Conference on Advances in Biotechnology (Biotechnology Research 2018), 23–25 July 2018, Kuala Lumpur, Malaysia.
- [232] **Alireza Heidari**, Organizing Committee Member (OCM), 12th World Cancer Congress, 23–25 July 2018, Moscow, Russia.
- [233] **Alireza Heidari**, Organizing Committee Member (OCM), 20th International Conference on Medicinal Chemistry and Pharmacology, 25–26 July 2018, Vancouver, British Columbia, Canada.
- [234] **Alireza Heidari**, Organizing Committee Member (OCM), 5th International Conference on Medicinal Practices: Herbal, Holistic and Traditional (Medicinal Practices 2018), 25–26 July 2018, Kuala Lumpur, Malaysia.
- [235] **Alireza Heidari**, Organizing Committee Member (OCM), 35th European Dental Congress (Dental 2018), 26–28 July 2018, Moscow, Russia.
- [236] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference on Tissue Engineering and Regenerative Medicine (Regenerative Medicine 2018), 30–31 July 2018, Barcelona, Spain.
- [237] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Cancer Diagnosis & Treatment (Cancer Treatment 2018), 02–03 August 2018, Oslo, Norway.
- [238] **Alireza Heidari**, Organizing Committee Member (OCM), 14th Global Biomarkers Summit, 02–03 August 2018, Oslo, Norway.
- [239] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference and Exhibition onMaterial Science and Nanotechnology (Materials Congress 2018), 02–03 August 2018, Barcelona, Spain.
- [240] **Alireza Heidari**, Organizing Committee Member (OCM), 14th Annual Congress on Gastroenterology & Hepatology (Gastroenterology Summit 2018), 06–07 August 2018, Hyatt Regency Osaka, Japan.
- [241] **Alireza Heidari**, Organizing Committee Member (OCM), 28th Euro Congress on Cancer Science & Therapy (Cancer Science 2018), 09–10 August 2018, Madrid, Spain.
- [242] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Summit Oncology and Cancer (Oncology 2018), 09–10 August 2018, Vienna, Austria.
- [243] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd World Congress on Nano Science and Nano Technology (Asia Pacific Nano Congress 2018), 10–11 August 2018, Osaka, Japan.
- [244] **Alireza Heidari**, Organizing Committee Member (OCM), 20th International Conference on Advanced Energy Materials and Research (Advanced Energy Materials 2018), 13–14 August 2018, Dublin, Ireland.
- [245] **Alireza Heidari**, Organizing Committee Member (OCM), International

Conference on Molecular Biology and Stem Cells (Molecular Biology Congress), 13–15 August 2018, Copenhagen, Denmark.

- [246] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Cell and Gene Therapy (Gene Therapy 2018), 13–15 August 2018, Paris, France.
- [247] **Alireza Heidari**, Organizing Committee Member (OCM), 12th Edition of International Conference on Nanopharmaceutics and Advanced Drug Delivery (Nano Drug Delivery 2018), 16–17 August 2018, Dublin, Ireland.
- [248] **Alireza Heidari**, Organizing Committee Member (OCM), Global Meeting on Oncology and Radiology, 16–17 August 2018, Tokyo, Japan.
- [249] **Alireza Heidari**, Organizing Committee Member (OCM), 25th Nano Congress for Future Advancements (Nano Congress 2018), 16–18 August 2018, Dublin, Ireland.
- [250] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Industrial Biotechnology and Bioprocessing (Industrial Biotechnology 2018), 16–18 August 2018, Copenhagen, Denmark.
- [251] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Cell & Stem Cell Research (Cell 2018), 17–18 August 2018, Singapore.
- [252] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nano Medicine and Nanoparticles (Nano Medicine 2018), 18–19 August 2018, Las Vegas, Nevada, USA.
- [253] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Congress and Exhibition on Pharmacy (Pharmacy–2018), 20–21 August 2018, Paris, France.
- [254] **Alireza Heidari**, Organizing Committee Member (OCM), International Congress and Expo on Flu Science & Infectious Diseases (ICEFSID–2018), 20–21 August 2018, Paris, France.
- [255] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Medicinal Chemistry & Drug Design (Medicinal Chemistry–2018), 20–21 August 2018, Paris, France.
- [256] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Advanced Pharmacy and Industrial Research (Advanced Pharmacy 2018), 20–22 August 2018, Beijing, China.
- [257] **Alireza Heidari**, Organizing Committee Member (OCM), 16th World Medical Nanotechnology Congress (Medical Nanotechnology 2018), 20–22 August 2018, Tokyo, Japan.
- [258] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Materials Science and Materials Chemistry (Materials Chemistry 2018), 20–22 August 2018, Paris, France.
- [259] **Alireza Heidari**, Organizing Committee Member (OCM), 26th International Conference on Diabetes and Endocrinology (Diabetes Congress 2018), 20–22 August 2018, Paris, France.
- [260] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress & Expo on Healthcare IT, 21–22 August 2018, Paris, France.
- [261] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on

Advanced Structural and Molecular Biology 2018 (Advanced Structural Biology 2018), 22–23 August 2018, Rome, Italy.

- [262] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Addiction Therapy & Clinical Reports (Addiction Therapy–2018), 23–24 August 2018, Paris, France.
- [263] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Gerontology & Palliative Care (Gerontology–2018), 23–24 August 2018, Paris, France.
- [264] **Alireza Heidari**, Organizing Committee Member (OCM), Global Congress on Cancer Science and Therapy (Cancer Congress 2018), 23–24 August 2018, Madrid, Spain.
- [265] **Alireza Heidari**, Organizing Committee Member (OCM), 17th Asia Pacific Ophthalmologists Annual Meeting, 24–25 August 2018, Tokyo, Japan.
- [266] **Alireza Heidari**, Organizing Committee Member (OCM), 9th World Congress on Biosensors and Bioelectronics (Biosensors Congress 2018), 24–25 August 2018, Tokyo, Japan.
- [267] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Renewable Energy and Resources, 27–28 August 2018, Boston, Massachusetts, USA.
- [268] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd International Conference on Energy Materials and Fuel Cell Research (Energy Materials 2018), 27–28 August 2018, Boston, Massachusetts, USA.
- [269] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Planetary Science and Particle Physics (Planetary Science 2018), 27–28 August 2018, Boston, Massachusetts, USA.
- [270] **Alireza Heidari**, Organizing Committee Member (OCM)/International Committee, Global Congress on Advancements in Catalysis and Chemical Engineering Process (Catalysis 2018), 27–28 August 2018, Madrid, Spain.
- [271] **Alireza Heidari**, Organizing Committee Member (OCM), 9th International Congress on Surgery, 27–28 August 2018, Tokyo, Japan.
- [272] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Congress and Expo on Vaccines & Immunology (Vaccines Research 2018), 27–29 August 2018, Amsterdam, Netherlands.
- [273] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Materials Physics and Materials Science (Materials Physics Congress 2018), 27–29 August 2018, London, UK.
- [274] **Alireza Heidari**, Organizing Committee Member (OCM), 18th International Conference on Analytical Chemistry, 29–30 August 2018, Toronto, Canada.
- [275] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on In Vitro Diagnostics & In Vitro Fertilization (In Vitro Diagnostics 2018), 03–04 September 2018, London, UK.
- [276] **Alireza Heidari**, Organizing Committee Member (OCM), 12th Global Summit and Expo on Biomass and Bioenergy (Biomass 2018), 04–05 September 2018, Zürich, Switzerland.
- [277] **Alireza Heidari**, Organizing Committee Member (OCM), 7th International

Conference and Exhibition on Pain Research and Management (Pain Management 2018), 04–05 September 2018, Zürich, Switzerland.

- [278] **Alireza Heidari**, Organizing Committee Member (OCM), 4th International Conference and Expo on Drug Discovery, Designing & Development (Drug Discovery 2018), 06–07 September 2018, London, UK.
- [279] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Polymerization Catalysis and Flexible Polymer (Polymer Catalysis 2018), 06–07 September 2018, Dubai, UAE.
- [280] **Alireza Heidari**, Organizing Committee Member (OCM), 14th International Conference on Gastro Education (Gastro Education 2018), 06–07 September 2018, London, UK.
- [281] **Alireza Heidari**, Organizing Committee Member (OCM), 28th World Conference on Nursing Diagnosis & Care Plans (Nursing Diagnosis 2018), 10–11 September 2018, Prague, Czech Republic.
- [282] **Alireza Heidari**, Organizing Committee Member (OCM), 30 th Annual Congress on Nanotechnology and Nanomaterials (Nanotech 2018), 10–11 September 2018, Stockholm, Sweden.
- [283] **Alireza Heidari**, Organizing Committee Member (OCM), 22 nd Global Biotechnology Congress (Global Biotechnology 2018), 10–11 September 2018, Stockholm, Sweden.
- [284] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on STD, AIDS and Communicable Disease (stdaids2018), 10–12 September 2018, Paris, France.
- [285] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress and Expo on Cell & Stem Cell Research (Stem Cell 2018), 13–15 September 2018, Paris, France.
- [286] **Alireza Heidari**, Organizing Committee Member (OCM), 19th World Congress on Analytical & Bioanalytical Techniques (Analytika 2018), 17–18 September 2018, Singapore.
- [287] **Alireza Heidari**, Organizing Committee Member (OCM), 18th Global Summit on Environmental Toxicology and Pharmacology (EnviTox Summit 2018), 17–18 September 2018, Singapore.
- [288] **Alireza Heidari**, Organizing Committee Member (OCM), 6th World Congress on Public Health, Epidemiology & Nutrition (Global Public Health 2018), 17–18 September 2018, Hong Kong.
- [289] **Alireza Heidari**, Organizing Committee Member (OCM), 20th World Congress on Radiology and Oncology, 17–18 September 2018, Chicago, Illinois, USA.
- [290] **Alireza Heidari**, Organizing Committee Member (OCM), International Epigenetics and Epitranscriptomics Conference (Epitranscriptomics 2018), 17–18 September 2018, Dubai, UAE.
- [291] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Mass Spectrometry and Chromatography (Mass Spectrometry–2018), 17–19 September 2018, Paris, France.
- [292] **Alireza Heidari**, Organizing Committee Member (OCM), International

Conference on Alzheimer's Disease & Dementia (Dementia 2018), 17–19 September 2018, Paris, France.

- [293] **Alireza Heidari**, Organizing Committee Member (OCM), 4th Global Summit on Heart Diseases (Heart Diseases Summit 2018), 19–20 September 2018, Singapore.
- [294] **Alireza Heidari**, Organizing Committee Member (OCM), 7th Edition of International Conference on Green Energy, Green Engineering and Technology (Green Technologies 2018), 20–21 September 2018, Berlin, Germany.
- [295] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Gynecology & Obstetrics (WCGO–2018), 20–21 September 2018, Toronto, Canada.
- [296] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Biomarkers Congress (Biomarkers Congress 2018), 20–21 September 2018, Osaka, Japan.
- [297] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Biomedicine & Pharmacotherapy (Biomedicine 2018), 20–22 September 2018, Frankfürt, Germany.
- [298] **Alireza Heidari**, Organizing Committee Member (OCM), 3th International Conference and Expo on Natural Medicine & Products (Natural Medicine 2018), 24–25 September 2018, Montreal, Quebec, Canada.
- [299] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nano Science & Technology (Nano Science 2018), 24–25 September 2018, Dubai, UAE.
- [300] **Alireza Heidari**, Organizing Committee Member (OCM), 11th World Congress on Food Chemistry & Food Microbiology (Food Chemistry Microbiology Congress 2018), 26–27 September 2018, Dubai, UAE.
- [301] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nutrition, Health and Aging (Nutrition–2018), 26–28 September 2018, Frankfürt, Germany.
- [302] **Alireza Heidari**, Organizing Committee Member (OCM), 26th International Conference on Advanced Nanotechnology, 04–05 October 2018, Moscow, Russia.
- [303] **Alireza Heidari**, Organizing Committee Member (OCM), 4th Edition of World Congress on Cancer Survivorship, Prevention and Management (Cancer Survivorship 2018), 08–10 October 2018, Moscow, Russia.
- [304] **Alireza Heidari**, Organizing Committee Member (OCM), EuroSciCon Congress on Biochemistry & Molecular Biology (Biochemistry 2018), 11–12 October 2018, Amsterdam, Netherlands.
- [305] **Alireza Heidari**, Organizing Committee Member (OCM), 3rd International Conference on Environmental Health & Preventive Medicine (Environmental Health 2018), 15–16 October 2018, Warsaw, Poland.
- [306] **Alireza Heidari**, Organizing Committee Member (OCM), World congress on Human Placenta, Fetal Nutrition and Metabolism (Placenta 2018), 17–18 October 2018, Las Vegas, Nevada, USA.
- [307] **Alireza Heidari**, Co–Chair, BIT's 8th Annual World Congress of Nano Science & Technology (Nano S&T–2018), 24–26 October 2018, Potsdam, Germany.
- [308] **Alireza Heidari**, *"Multi–walled nanotubes roles in eliminating human cancer cells and tissues"*, BIT's 8th Annual World Congress of Nano Science & Technology

(Nano S&T–2018), 24–26 October 2018, Potsdam, Germany.

- [309] **Alireza Heidari**, Organizing Committee Member (OCM), 31st European Congress on Nanotechnology & Materials Engineering (Nano Mat 2018), 25–26 October 2018, Budapest, Hungary.
- [310] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Biomedicine & Pharmacotherapy (Biomedicine 2018), 26–27 October 2018, Osaka, Japan.
- [311] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Gastrointestinal Cancer and Therapeutics (GI Cancer 2018), 29–30 October 2018, San Francisco, California, USA.
- [312] **Alireza Heidari**, Invited, Key and Renowned Speaker, *"Elimination of human cancer cells and tissues using nanotechnology"*, International Conference on Gastrointestinal Cancer and Therapeutics (GI Cancer 2018), 29–30 October 2018, San Francisco, California, USA.
- [313] **Alireza Heidari**, Organizing Committee Member (OCM), 26th Annual Congress on Cancer Science and Targeted Therapies, 29–30 October 2018, San Francisco, California, USA.
- [314] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Petroleum Processing and Industrial Chemistry (Petroleum Processing 2018), 09–10 November 2018, Birmingham, Alabama, USA.
- [315] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Bio–organic and Medicinal Chemistry (Bio–organic and Medicinal 2018), 12–13 November 2018, Dubai, UAE.
- [316] **Alireza Heidari**, Organizing Committee Member (OCM), 8th World Congress and Expo on RECYCLING, 12–14 November 2018, Berlin, Germany.
- [317] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress and Expo on Clinical and Medical Sciences, 12–14 November 2018, Rome, Italy.
- [318] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress and Expo on Virology and Bacteriology (Virology 2018), 12–14 November 2018, Rome, Italy.
- [319] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Gastroenterology and Digestive Disorders (Gastroenterologists 2018), 15–17 November 2018, Paris, France.
- [320] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd Global Summit on Gastroenterology & Hepatology (Gastroenterology–2018), 19–20 November 2018, Dallas, Texas, USA.
- [321] **Alireza Heidari**, Organizing Committee Member (OCM), 2nd Global Summit and Expo on Proteomics (Proteomics–2018), 19–20 November 2018, Dallas, Texas, USA.
- [322] **Alireza Heidari**, Organizing Committee Member (OCM), 5th International Conference on Theoretical, Materials and Condensed Matter Physics (Condensed Matter Physics 2018), 27–29 November 2018, Los Angeles, California, USA.
- [323] **Alireza Heidari**, Organizing Committee Member (OCM), 18th International Conference on Chemistry & Drug Designing (ICCDD 2018), 03–04 December 2018, Mexico City, Mexico.

- [324] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Proteomics and Genomics (Proteomics–2018), 03–05 December 2018, Valencia, Spain.
- [325] **Alireza Heidari**, Organizing Committee Member (OCM), 28th International Conference on Chemistry & Drug Discovery 2018 (ICCDD 2018), 05–06 December 2018, Vancouver, British Columbia, Canada.
- [326] **Alireza Heidari**, Program Committee and Technical Committee Chair (TCC), 2018 International Joint Conference on Metallurgical and Materials Engineering (JCMME 2018), 10–12 December 2018, Wellington, New Zealand.
- [327] **Alireza Heidari**, Technical Committee Chair (TCC) and Program Committee Member (PCM), 2018 International Joint Conference on Metallurgical and Martials Engineering (JCMME 2018), 21–23 December 2018, Cairo, Egypt.
- [328] **Alireza Heidari**, Organizing Committee Member (OCM), 4th World Congress and Expo on Pharmaceutics and Drug Delivery Systems (Pharmaceutics–2019), 25–26 March 2019, Milan, Italy.
- [329] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Mechanical, Metallurgy and Materials Science (Metallurgy–2019), 28–29 March 2019, Milan, Italy.
- [330] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference on Carbon Nanotubes and Graphene Technologies (Graphene Technology–2019), 28–29 March 2019, Milan, Italy.
- [331] **Alireza Heidari**, Scientific Advisory Board Member (SABM), 7th Annual Conference of AnalytiX–019 (AnalytiX–2019), 12–14 April 2019, Singapore.

RESEARCH INTERESTS:

- Biophysical Chemistry
- Biomolecular Spectroscopy
- Quantum Chemistry
- Nanochemistry
- Modern Electronic Structure Computations
- Theoretical Chemistry
- Mathematical Chemistry
- Computational Chemistry
- Vibrational Spectroscopy
- Molecular Modelling
- Ab initio & Density Functional Methods
- Molecular Structure

- Biochemistry
- Molecular Simulation
- Pharmaceutical Chemistry
- Medicinal Chemistry
- Oncology
- Synchrotron Radiation
- Synchrocyclotron Radiation
- LASER
- Anti–Cancer Nano Drugs
- Nano Drugs Delivery
- ATR–FTIR Spectroscopy
- Raman Spectroscopy
- Intelligent Molecules
- Molecular Dynamics
- Biosensors
- Biomarkers
- Molecular Diagnostics
- Numerical Chemistry
- Nucleic Acids
- DNA/RNA Monitoring
- DNA/RNA Hypermethylation & Hypomethylation
- Human Cancer Tissues
- Human Cancer Cells
- Tumors
- Cancer Tissues
- Cancer Cells

LANGUAGES:

- **Farsi (Persian):** Native.
- **English:** Fluent.

COMPUTER SKILLS:

- Wolfram Research Mathematica
- Universal Math Solver
- The Ultimate Math Solver
- Stat Soft Statistica
- Stata
- SPSS
- Minitab
- Microsoft Math
- MathCAD
- Math Type
- Math Success Deluxe
- Math Works MATLAB
- Maple Soft Maple
- Equation Wizard
- Derive
- Collegepro Mathematics
- Basic Math Solved
- Algebra Equation Solver
- SAS
- BMDP
- EViews Enterprise Edition
- Function Grapher
- FX Graph
- GeoGebra
- Grapher
- LISREL
- Origin
- Gaussian 09
- GaussView 5
- OPUS
- AMPAC
- MOPAC
- HyperChem
- Spartan
- Titan
- MOLPRO
- Gamess
- COLUMBUS
- NWCHEM
- MOLFDIR
- ACES II
- Fortran
- C
- C++
- Linux
- Python
- JDK
- NAMD
- Octave
- R
- WRF
- Farsight Calculator
- FlexPDE Professional
- FX Draw
- FX PhysEquate
- Geometry Expressions
- GraphicMaster
- CorelDRAW
- Math Magic Pro Edition
- Open MPI
- VASP
- QUANTUM– ESPRESSO
- ABINIT
- GPAW
- BigDFT
- AMBER
- CHARMM
- ADF QM/MM
- QMIC
- MOLDEN
- The Unscrambler® X
- DALTON
- DIRCCR12
- SORE
- LUCIA
- LUCAS
- 2D
- MOLCAS4
- Algebrator
- Casio FX9860 Emulator
- CurveExpert
- DPlot
- DreamCalc Pro
- EasyFit Pro
- Euler Math Toolbox
- FX Equation
- FX Stat
- Graph
- GS Calc
- Adobe Photoshop

- Math Calculator
- Math Resource Studio Pro
- MathCast
- MedCalc
- Novus Calculator
- SigmaPlot
- SMath Studio Desktop
- Universal Math Solver
- Math–o–mir
- MatheAss
- Mathematica Addons
- Mathematics
- Microsoft Mathematics
- PASS
- SLGallery
- SpeQ Mathematics
- Tecplot
- ViCalc
- Math Quiz Creator
- Math – Science
- MathGV
- MultiplexCalc
- RedCrab
- Small Stata
- Stata IC
- Stata SE

PROFESSIONAL BOOK COMPILATIONS:

- **Alireza Heidari**, *"Solutions Manual for Physical Chemistry of Iran. Levine"*, 1st Edition, Mobtakeran Company Press, Tehran, Iran, 2007.
- **Alireza Heidari**, *"Principles of Modern Relativistic Quantum Mechanics"*, 1st Edition, Karvar Company Press, Tehran, Iran, 2008.
- **Alireza Heidari**, *"Principles and Methods of Using Chemical Abstracts"*, 1st Edition, Karvar Company Press, Tehran, Iran, 2008.
- **Alireza Heidari**, *"Fundamentals of Surface and Solid State Physical Chemistry"*, 1st Edition, Karvar Company Press, Tehran, Iran, 2008.
- **Alireza Heidari**, *"Molecular Physical Chemistry"*, 1st Edition, Karvar Company Press, Tehran, Iran, 2009.
- **Alireza Heidari**, *"Fundamentals of Quantum Chemistry and Molecular Spectroscopy"*, 1st Edition, Karvar Company Press, Tehran, Iran, 2009.

PROFESSIONAL BOOK TRANSLATIONS:

- Alan K. Brisdon, *"Inorganic Spectroscopic Methods"*, 1st Edition, Oxford Chemistry Primers, Oxford University Press, 1998.

- Martin Cockett, Graham Dogget, "*Math's for Chemists (Volume 1): Numbers, Functions and Calculus"*, 1st Edition, The Royal Society of Chemistry (RSC), 2003.
- Martin Cockett, Graham Dogget, *"Maths for Chemists (Volume 2): Power Series, Complex Numbers and Linear Algebra"*, 1st Edition, The Royal Society of Chemistry (RSC), 2003.
- H. Paschen, C. Coenen, T. Fleischer, R. Grünwald, D. Oertel, C. Revermann, *"Nanotechnologie Chemie: Forschung, Entwicklung, Anwendung"*, Erste Auflage, Springer, 2004.

CHAPTERS IN PROFESSIONAL BOOKS:

- **Alireza Heidari**, *"Vibrational Spectroscopy of Nucleic Acids"*, Wahid Ali Khan (Editor), *"Basic Biochemistry"*, Austin Publishing Group (APG)/Austin Publications LLC, ISBN: 978–0–9971499–2–0, Pages 1–18, Jersey City, New Jersey, USA, 2016.
- **Alireza Heidari**, *"Pros and Cons Controversy on Future Prospects of Point Fluorescence Spectroscopy, X–Ray Fluorescence (XRF) Spectroscopy, Cold Vapour Atomic Fluorescence (CVAF) Spectroscopy, Fluorescence Imaging and Fluorescence Endoscopy in Photodynamic Therapy (PDT) for Human Cancer Cells and Tissues Prevention, Diagnosis and Treatment"*, Chapter 01, *"Top 10 Contributions on Pharmaceutical Sciences"*, Avid Science, Pages 2–29, Hyderabad, Telangana, India, 2018.

EDITOR IN PROFESSIONAL BOOKS:

- **Alireza Heidari**, "*Advanced Applications of Nanotechnology in Cancer Detection and Therapy"*, IGI Global, Hershey, Pennsylvania, USA, 2018.

SCHOLARSHIP AWARDS:

- Sharif University of Technology scholarship for M.Sc. degree studies, Kish Island, Hormozgan, Iran, 2006.

- Islamic Azad University (IAU), North Tehran Branch, scholarship for M.Sc. degree studies, Tehran, Iran, 2006–2008.
- Islamic Azad University (IAU), North Tehran Branch, scholarship for research, Tehran, Iran, 2006–2008.
- Young Researchers Club (YRC) scholarship for M.Sc. degree studies from the Islamic Azad University (IAU), Tehran, Iran, 2006–2008.
- Young Researchers Club (YRC) scholarship for research from the Islamic Azad University (IAU), Tehran, Iran, 2006–2008.
- Islamic Azad University (IAU), Science & Research Campus, scholarship for Ph.D. degree studies, Tehran, Iran, 2009.
- Institute for Advanced Studies (IAS) scholarship for research, Tehran, Iran, 2009–2012.
- California South University (CSU) award of excellence in *"Chemical Kinetics and Dynamics"*, Irvine, California, USA, 2010.
- California South University (CSU) award of excellence in *"Electrochemical Analysis"*, Irvine, California, USA, 2012.
- California South University (CSU) award of distinction for Ph.D. in Chemistry with distinction in subject *"Advanced Quantum Mechanics"*, Irvine, California, USA, 2010.
- California South University (CSU) award of distinction for Ph.D. in Chemistry with distinction in subject *"Advanced Research"*, Irvine, California, USA, 2010.
- California South University (CSU) scholarship for Ph.D. degree studies from California South University (CSU), Irvine, California, USA, 2009–2012.
- California South University (CSU) scholarship for research, Irvine, California, USA, 2009–2012.
- California South University (CSU) scholarship for postdoctoral research, Irvine, California, USA, 2014.
- Australian Research Council (ARC) scholarship (International Postgraduate Research Scholarship (IPRS)) for research, Melbourne, Victoria, Australia, 2013–2014.
- Australian Research Council (ARC) award (Australian Postgraduate Award (APA)) for research, Melbourne, Victoria, Australia, 2013–2014.

- Monash University scholarship for research (Monash Graduate Scholarship (MGS)), Melbourne, Victoria, Australia, 2013–2014.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

National Memberships:

2006 – Present:

- An active member of the Iranian Mathematical Society (IMS), The Physics Society of Iran (PSI), The Islamic Azad University Young Researchers Club (YRC), Iranian Association for the Popularization of Sciences (IAPS), Central Committee for Iranian Mathematical House (CCIMH), Iranian Association for Management of Technology (IAMT), Iranian Society of Surface Science & Technology (ISST), Iranian Educational Administration Association (IEAA), Association for Scientific Development of Iran (ASDI), Iranian Curriculum Development Association (ICDA), Iranian Association of Chemical Engineers (IACE), Iranian Society of Acoustics and Vibration (ISAV), Iranian Society for Industry and Academia (ISIA), Council of Iranian Scientific Associations (CISA), Iranian Society of Engineering Education (ISEE), Iranian Project Management Association (IPMA), Iranian Education Research Association (IERA), Iranian Society of Optical and Photonics (ISOP), Iranian Metallurgical Engineers Society (IMES), Iran Society of Biophysical Chemistry (ISBC), Institute for Advanced Studies (IAS), Iranian Higher Education Association (IHEA), Iranian Operations Research Society (IORS), Iranian Nanotechnology Society (INS), Iranian Biotechnology Society (IBS), Iranian Fuzzy Systems Society (IFSS), Iranian Corrosion Association (ICA), Iran Composites Association (ICA), Biochemical Society of Iran (BSI), Iranian Catalysis Association (ICA), Iranian Statistical Society (ISS), Iranian Chemical Society (ICS), Nuclear Society of Iran (NSI), Iran Polymer Society (IPS), and Iran Color Society (ICS).

➢ International Memberships:

2009 – Present:

- The American Association for the Advancement of Science (AAAS), American Chemical Society (ACS), American Chemistry Council (ACC), American Society for Biochemistry and Molecular Biology (ASBMB), American Physical Society (APS), American Institute of Physics (AIP), American Mathematical Society (AMS), Mathematical Association of America (MAA), Royal Society of Chemistry (RSC), The Chemical Institute of Canada (CIC), The Canadian Society for Chemistry (CSC), The Royal Australian Chemical Institute (RACI), International Union of Pure and Applied Chemistry (IUPAC), Monash Campus Cluster (MCC), Monash Science Centre for Biospectroscopy, National Computational Infrastructure (NCI), Monash e–Research Centre, Australian Research Council (ARC), ARC Centre of Excellence for Electromaterials Science (ACES), Victorian Life Sciences Computational Initiative (VLSCI), Multi–modal Australian ScienceS Imaging and Visualisation Environment (MASSIVE), Australian Synchrotron, The Commonwealth Scientific and Industrial Research Organisation (CSIRO), Victorian Partnership for Advanced Copmputing (VPAC), National Computational Merit Allocation Scheme (NCMAS), iVEC, National Collaborative Research Infrastructure Strategy (NCRIS), National Health and Medical Research Council (NHMRC), Monash Chemical Society (MCS), Monash Science Society (MSS), Ustinov College, St Catharine's College, National eResearch Collaboration Tools and Resources (NeCTAR), Monash Ionic Liquids Group, Research Data Storage Infrastructure (RDSI), VicNode, Monash Computational Chemistry Group, and International Neuroinformatics Coordinating Facility (INCF), European Scientific Institute (ESI), Ankara University Institute of Nuclear Sciences, National Institute of Science Communication and Information Resources (New Delhi, India), Indo–American Pharmaceutical Society, American Association of Pharmaceutical Scientists (AAPS), Euro Asia Research and Development Association (EARDA), Institute of Advanced Engineering and Science (IAES), International Academic Institute for

Science and Technology (IAIEST), Platform for Young Researchers Welfare Society (PYRWS), Centre For Info Bio Technology (CIBTech), Institute of Research Advances, Association of Global Science Innovations (AGSI), American Institute of Science (AIS), Technical Research Organization India (TROI/TROINDIA), Indian Society for Technical Education (ISTE), Open Association of Research Society USA (OARS), American International Standards Institute (AISI), National Science Library (NSL), Council of Scientific and Industrial Research (New Delhi, India), International Society of Universal Research in Sciences, China National Knowledge Infrastructure (CNKI), International Committee of Medical Journal Editors (ICMJE), International Association of Teachers and Teacher Educators (IATTE), USA, RISHI Educational Society, Research Culture Society, National Institute of Science Communication and Information Resources (NISCAIR) (New Delhi, India), Council of Scientific and Industrial Research (ICSIR) (New Delhi, India), National Science Library (NSL) (New Delhi, India), Committee on Publishing Ethics (COPE), Sanskruti Multidisciplinary Research and Development Training Institute (SMRDTI) (Solapur, Maharashtra, India), Indian Academicians and Researchers Association (IARA), Scholars Academic & Scientific Society (SAS).

OTHER ACTIVITIES:

- Editor–in–Chief at the Department of Chemistry at Mobtakeran Company Press, Tehran, Iran, 2005 – 2006.
- Dean of Department of Chemistry at the Karvar Company Press, Tehran, Iran, 2007–2009.

HONORS & AWARDS:

- Student researcher of the year at the Islamic Azad University (IAU) for four

consecutive years – 2002, 2003, 2004 and 2005, Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran.

- Winner of the 13th National Iranian Student Book Festival Prize for the translation "Mathematics for Chemists (Volumes 1&2)", Tehran, Iran, 2006.
- Student researcher of the year at the Islamic Azad University (IAU) for three consecutive years – 2006, 2007 and 2008, Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran.
- Winner of the 15th National Iranian Student Book Festival for compiling "Principles of Modern Relativistic Quantum Mechanics", Tehran, Iran, 2008.
- Winner of the 7th National Iranian Roshd Book Festival for the translation of "Mathematics for Chemists (Volumes 1&2)", Tehran, Iran, 2008.
- Winner of the Best Poster Presentation Prize at the National Conference for Computing in Chemistry, Arak, Iran, 2008.
- Awarded best thesis prize from the Islamic Azad University (IAU), Tehran, Iran, 2008.
- Ranked top student for six consecutive years – 2002–2008, Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran.
- Awarded 1st class honors for my B.Sc. in Pure Chemistry degree with a final overall GPA of 19.08/20 and accepted for an M.Sc. degree program without the mandatory pre–requisite entrance examination requirement by the Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran, 2006.
- Awarded 1st class honors for my M.Sc. in Chemistry (Physical Chemistry) degree with a final overall GPA of 19.08/20 and accepted for Ph.D. studies without a mandatory pre–requisite entrance examination requirement by the Islamic Azad University (IAU), Science & Research Campus, Tehran, Iran, 2009.
- Awarded Honorary Doctorate Degree (Degree Honoris Causa) in Physics (Atomic and Molecular Physics) by the Islamic Azad University (IAU), Tehran, Iran, 2008.
- Winner of best thesis in Iran, Tehran, Iran, 2009.
- Awarded highest GPA for my M.Sc. thesis with a GPA score of 20/20, Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran, 2008.

- Winner at the 13th National Iranian Student Thesis Festival, Tehran, Iran, 2009.
- Winner of the 16th National Iranian Student Book Festival for compiling "Principles and Methods of Using Chemical Abstracts", Tehran, Iran, 2009.
- Winner of the Best Poster Presentation Prize at the 1st Conference on the Application of Nanothechnology in the Petroleum and Petrochemical Industries, Mahshahr, Iran, May 2011.
- Winner of the Best Poster and Best Oral Presentation Prize at the 1st National Student Conference on Nanotechnology, Shahreza, Iran, July 2011.
- Participating at the Carbon Nanotubes workshop during the 1st National Student Conference on Nanotechnology, Shahreza, Iran, July 2011.
- Awarded Doctor of Science (D.Sc.) Diploma in Chemistry by the California South University (CSU), Irvine, California, USA, 2010.
- Winner of the Best Lecturer Prize in Caspian Higher Education Institute, Qazvin, Iran, 2012.
- Awarded M.Sc. degree offer from Islamic Azad University (IAU), North Tehran Branch, Tehran, Iran, 2006.
- Awarded Ph.D. degree offer from Islamic Azad University (IAU), Science & Research Campus, Tehran, Iran, 2009.
- Awarded Ph.D. degree offer from California South University (CSU), Irvine, California, USA, 2009.
- Awarded "Project Management" Postdoctoral Fellowship Program by School of Chemistry, Faculty of Science, Monash University, Melbourne, Victoria, Australia, 2013.
- Awarded "Modern Molecular Electronic–Structure Computations Theory" and also "Nanochemistry" Postdoctoral fellowship programs by California South University (CSU), Irvine, California, 2014.