

# **Curriculum Vitae**

**Prof. Dr. Alireza Heidari, *Ph.D., D.Sc.***

**Full Distinguished Professor and Academic Tenure of Chemistry**

**and**

**Enrico Fermi Distinguished Chair in Molecular Spectroscopy**

**and**

**Director of the BioSpectroscopy Core Research Laboratory at**

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**and**

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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 – 2019:**

- 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.

**Babol Noshirvani University of Technology, Babol, Iran.**

**Duties:**

- **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)/Medline/PubMed/Scopus 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.
- [4] R. Sassaman, **A. Heidari**, A. Biswas, “*Topological and non–topological solitons of nonlinear Klein–Gordon equations by He’s semi–inverse variational principle*”, Journal of The Franklin Institute, Volume 347, Issue 7, Pages 1148–1157, 2010.
- [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.
- [9] M. A. Balcı, A. Yıldırım, S. T. Mohyud–Din, **A. Heidari**, “*Construction of solitary solutions and periodic solutions of coupled higher–dimensional Burgers equations using the homotopy perturbation method*”, World Applied Sciences Journal, Volume 16, Issue 3, Pages 329–330, 2012.
- [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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- [13] **A. Heidari**, S. Vedad, O. Anwar Bég, M. Ghorbani, “*An analytical and numerical investigation of the quarkonium spectroscopy using the generalized Klein–Gordon equation: A computational study*”, *Fundamental Journal of Mathematical Physics*, Volume 1, Issue 2, Pages 57–68, 2011.
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- [32] A. Miller, **A. Heidari**, “*Review on manufacturing and fabrication nanoparticles methods for processing cadmium oxide (CdO) nanoparticles colloidal solution*”, *International Journal of Theoretical, Computational and Mathematical Chemistry*, Volume 1, Number 1, Pages 1–3, 2015.
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- [48] **A. Heidari**, “*Biospectroscopic study on multi-component reactions (MCRs) in two A-type and B-type conformations of nucleic acids to determine ligand binding modes, binding constant and stability of nucleic acids in cadmium oxide (CdO) nanoparticles-nucleic acids complexes as anti-cancer drugs*”, Arch Cancer Res. 4: 2, 2016.
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- [50] **A. Heidari**, “*Quantitative structure-activity relationship (QSAR) approximation for cadmium oxide (CdO) and rhodium (III) oxide ( $Rh_2O_3$ ) nanoparticles as anti-cancer*

*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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- [55] **A. Heidari**, “*Novel and stable modifications of intelligent cadmium oxide (CdO) nanoparticles as anti-cancer drug in formation of nucleic acids complexes for human cancer cells’ treatment*”, Biochem Pharmacol (Los Angel) 5: 207, 2016.
- [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.
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- [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 neural networks of a multilayer perceptron (MLP) type using a set of topological descriptors*”, J Heavy Met Toxicity Dis. 1: 2, 2016.
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- [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), 10<sup>th</sup> 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), 2<sup>nd</sup> International

Conference and Expo on Pharmaceuticals 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 4<sup>th</sup> 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), 14<sup>th</sup> 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, 1<sup>st</sup> 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), 15<sup>th</sup> Annual Summit on Vaccines and Immunization, 20–21 February 2017, Berlin, Germany.
- [55] **Alireza Heidari**, Advisory Board & Faculty, 2<sup>nd</sup> 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 21<sup>st</sup> 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), 2<sup>nd</sup> World Congress & Expo on Pharmaceuticals & 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), 16<sup>th</sup> Global Annual Oncologists Meeting, 24–25 April 2017, Dubai, UAE.
- [64] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> 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<sup>th</sup> 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), 8<sup>th</sup> International Conference on Proteomics and Bioinformatics (Proteomics 2017), 22–24 May 2017, Osaka, Japan.
- [69] **Alireza Heidari**, Organizing Committee Member (OCM), 6<sup>th</sup> World Congress on Medicinal Chemistry, 07–08 June 2017, Milan, Italy.
- [70] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> 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), 2<sup>nd</sup> International Conference on Pancreatic Cancer & Liver Diseases (Pancreatic Cancer 2017), 12–13 June 2017, London, UK.
- [73] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> International Conference on Blood Cancer & Treatment, 26–27 June 2017, London, UK.
- [74] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> 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), 2<sup>nd</sup> World Congress on Molecular Genetics and Gene Therapy, 03–05 July 2017, Bangkok, Thailand.
- [77] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> 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 3<sup>rd</sup> Annual World Pathology Conference (WPC–2017), 08–09 July 2017, Rome, Italy.
- [79] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> International

Conference on Sustainable Bioplastics, 20–21 July 2017, Munich, Germany.

- [80] **Alireza Heidari**, Organizing Committee Member (OCM), 6<sup>th</sup> International Conference on Environmental Chemistry and Engineering, 24–25 July, Rome, Italy.
- [81] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Nuclear Medicine & Radiation Therapy, 27–28 July 2017, Rome, Italy.
- [82] **Alireza Heidari**, Organizing Committee Member (OCM), 10<sup>th</sup> International Conference on Clinical and Surgical Ophthalmology, 07–09 August 2017, Beijing, China.
- [83] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> Asian Biologics and Biosimilars Congress (Asian Biosimilars 2017), 10–12 August 2017, Beijing, China.
- [84] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference and Expo on Holistic Medicine and Nursing (Holistic Medicine–2017), 14–15 August 2017, Toronto, Ontario, Canada.
- [85] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Biotechnology Congress 2017, 17–18 August 2017, Toronto, Ontario, Canada.
- [86] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> Global Nanotechnology Congress and Expo, 21–23 August 2017, Dallas, Texas, USA.
- [87] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> International Conference and Expo on Molecular & Cancer Biomarkers (World Biomarkers 2017), 24–25 August 2017, Birmingham, UK.
- [88] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> International Conference and Exhibition on Pharmaceutical Formulations (Formulation 2017), 28–29 August 2017, Brussels, Belgium.
- [89] **Alireza Heidari**, Organizing Committee Member (OCM), 20<sup>th</sup> 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), 3<sup>rd</sup> International Conference on Biopharmaceuticals and Biologic Drugs (Biopharma 2017), 31 August 2017–01 September 2017, Philadelphia, Pennsylvania, USA.
- [91] **Alireza Heidari**, Organizing Committee Member (OCM), 11<sup>th</sup> 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), 3<sup>rd</sup> International Conference on Advanced Clinical Research and Clinical Trials, 20–21 September 2017, Dublin, Ireland.
- [98] **Alireza Heidari**, Organizing Committee Member (OCM), 10<sup>th</sup> Pharmacovigilance Congress, 20–21 September 2017, Charlotte, North Carolina, USA.
- [99] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> 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), 2<sup>nd</sup> International Conference on Mycology, Mushrooms & Mycotechnology (Mycology 2017), 25–26 September 2017, Chicago, Illinois, USA.
- [101] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> International summit on Medical Biology & Bioengineering (Bioengineering 2017), 27–28 September 2017, Chicago, Illinois, USA.
- [102] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> International Conference and Exhibition on Biosensors and Bioelectronics, 27–29 September 2017, Chicago, Illinois, USA.
- [103] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> Annual Pharmaceutical Chemical Analysis Congress (Pharma Analysis 2017), 02–03 October 2017, Vienna, Austria.
- [104] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> 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), 5<sup>th</sup> 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), 2<sup>nd</sup> International Conference on Conscientious & Unimpeachable Technologies 2017 (ICCUT–2017), 14 October 2017, Haryana, India.
- [111] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> 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), 4<sup>th</sup> International Biomedical Engineering Conference (Biomedical 2017), 16–17 October 2017, Osaka, Japan.
- [115] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> 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), 5<sup>th</sup> 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), 11<sup>th</sup> World Drug Delivery Summit (Drug Delivery 2017), 16–18 October 2017, Baltimore, Maryland, USA.
- [119] **Alireza Heidari**, Organizing Committee Member (OCM), 15<sup>th</sup> World Medical Nanotechnology Congress & Expo, 18–19 October 2017, Osaka, Japan.
- [120] **Alireza Heidari**, Organizing Committee Member (OCM), 10<sup>th</sup> International Conference on Biomarkers & Clinical Research, 18–20 October 2017 (Biomarkers 2017), Baltimore, Maryland, USA.
- [121] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> Annual Congress on Drug Design & Drug Formulation (Drug Formulation 2017), 19–20 October 2017, Seoul, South Korea.
- [122] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> 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), 10<sup>th</sup> 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, Ontario, Canada.
- [128] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> International Conference on Transcriptomics (Transcriptomics 2017), 30 October 2017–01 November 2017, Bangkok, Thailand.
- [129] **Alireza Heidari**, Organizing Committee Member (OCM), 6<sup>th</sup> World Congress on Breast Cancer, 01–02 November 2017, Toronto, Ontario, 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), 4<sup>th</sup> 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), 2<sup>nd</sup> 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 1<sup>st</sup> 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 1<sup>st</sup> World Congress of Biomedical Engineering 2017 (WCBME–2017), 09–11 November 2017, Xi'an, China.
- [139] **Alireza Heidari**, Organizing Committee Member (OCM), 19<sup>th</sup> 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), 2<sup>nd</sup> 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), 3<sup>rd</sup> 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), 4<sup>th</sup> International Conference on Information Management and Industrial Engineering (ICII 2018), 10–13 February 2018, Cape Town, South Africa.
- [150] **Alireza Heidari**, Organizing Committee Member (OCM), 12<sup>th</sup> 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), 3<sup>rd</sup> 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), 13<sup>th</sup> International Conference on Laboratory Medicine & Pathology (Laboratory Medicine 2018), 05–07 March 2018, Berlin, Germany.
- [154] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference on Condensed Matter and Materials Physics (Materials Physics 2018), 12–13 March 2018, Barcelona, Spain.
- [155] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> Edition of International Conference on Mass Spectrometry (Mass Spectrometry 2018), 12–13 March 2018, London, UK.
- [156] **Alireza Heidari**, Organizing Committee Member (OCM), 23<sup>rd</sup> International Conference on Nanomaterials and Nanotechnology (Nanomaterials 2018), 15–16 March 2018, London, UK.
- [157] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> World Congress & Expo on Pharmaceutics & Drug Delivery Systems (Pharmaceutics–2018), 19–20 March 2018, London, UK.
- [158] **Alireza Heidari**, Organizing Committee Member (OCM), 29<sup>th</sup> International Conference on Vaccines and Immunization (Vaccines Summit 2018), 19–20 March 2018, London, UK.
- [159] **Alireza Heidari**, Organizing Committee Member (OCM), 11<sup>th</sup> Edition of International Conference on Proteomics, 22–23 March 2018, London, UK.

- [160] **Alireza Heidari**, Organizing Committee Member (OCM), 16<sup>th</sup> International Conference on Emerging Materials and Nanotechnology (Emerging Materials Congress 2018), 22–23 March 2018, London, UK.
- [161] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> 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), 3<sup>rd</sup> 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), 9<sup>th</sup> Edition of International Conference on Analytical Chemistry, 26–28 March 2018, Vienna, Austria.
- [165] **Alireza Heidari**, Organizing Committee Member (OCM), 6<sup>th</sup> Edition of International Conference on Pain Management, 26–28 March 2018, Vienna, Austria.
- [166] **Alireza Heidari**, Scientific Advisory Board Member (SABM), BIT's 6<sup>th</sup> Annual Conference of AnalytiX 2018 (AnalytiX–2018), 26–28 March 2018, Miami, Florida, USA.
- [167] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> 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] **Alireza Heidari**, Organizing Committee Member (OCM), 6<sup>th</sup> 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), 2<sup>nd</sup> 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), 22<sup>nd</sup> 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] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> World Congress and Expo on Biotechnology and Bioengineering, 07–09 May 2018, Dubai, UAE.
- [180] **Alireza Heidari**, Organizing Committee Member (OCM), 12<sup>th</sup> Edition of International Conference on Tissue Engineering and Regenerative Medicine (Tissue Science 2018), 10–11 May 2018, Frankfurt, Germany.
- [181] **Alireza Heidari**, Organizing Committee Member (OCM), 22<sup>nd</sup> Edition of International Conference on Immunology and Evolution of Infectious Diseases (Immunology Research 2018), 10–11 May 2018, Frankfurt, Germany.
- [182] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> World Congress on Advanced Clinical Trials and Clinical Research (Clinical Trials Congress 2018), 14–15 May 2018, Singapore City, 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), 11<sup>th</sup> Global Experts Meeting on Chemistry, 17–19 May 2018, Singapore City, Singapore.
- [185] **Alireza Heidari**, Organizing Committee Member (OCM), 10<sup>th</sup> 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), 2<sup>nd</sup> Global Summit on Nutritional Science & Food Chemistry (Nutritionalscience–2018), 24–25 May 2018, Valencia, Spain.
- [188] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Women Health and Breast Cancer (Women Health–2018), 24–25 May 2018, Valencia, Spain.
- [189] **Alireza Heidari**, Organizing Committee Member (OCM), 22<sup>nd</sup> Global Annual Oncologists Meeting (Oncologists–2018), 24–25 May 2018, Osaka, Japan.
- [190] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> Edition of International Conference on Case Reports, 28–29 May 2018, London, UK.
- [191] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> 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), 4<sup>th</sup> 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), 2<sup>nd</sup> 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), 2<sup>nd</sup> World Congress on Surgery & Anesthesia, 11–12 June 2018, Rome, Italy.
- [198] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference on Systems and Synthetic Biology (Synthetic Biology 2018), 11–12 June 2018, Rome, Italy.
- [199] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> 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), 2<sup>nd</sup> Global Summit & Expo on Laser Optics & Photonics (Optics–2018), 14–16 June 2018, Rome, Italy.
- [201] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> 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<sup>nd</sup> International Conference on Social Sciences & Interdisciplinary Studies (Social Sciences 2018), 18–19 June 2018, Rome, Italy.
- [203] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> International Conference on Leukemia and Hematologic Oncology (Hematologic Oncology 2018), 20–21 June 2018, Paris, France.
- [204] **Alireza Heidari**, Organizing Committee Member (OCM), 11<sup>th</sup> 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), 21<sup>st</sup> International Conference on Advanced Nanoscience and Nanotechnology (Nanoscience 2018), 21–23 June 2018, London, UK.
- [207] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> 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), 12<sup>th</sup> 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), 4<sup>th</sup> International Conference on Influenza and Zoonotic Diseases (Influenza 2018), 2–3 July 2018, Vienna, Austria.
- [212] **Alireza Heidari**, Organizing Committee Member (OCM), 22<sup>nd</sup> World Congress on Biotechnology, 10–11 July 2018, Bangkok, Thailand.
- [213] **Alireza Heidari**, Organizing Committee Member (OCM), 18<sup>th</sup> International Conference on HPLC & Related Chromatographic Techniques (HPLC 2018), 11–12 July 2018, Toronto, Ontario, 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), 4<sup>th</sup> 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), 9<sup>th</sup> 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 4<sup>th</sup> 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), 9<sup>th</sup> 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<sup>th</sup> 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), 2<sup>nd</sup> International Conference & Expo on Green Chemistry and Engineering (ICEGCE–2018), 23–24 July 2018, Barcelona, Spain.
- [226] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> 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), 20<sup>th</sup> Asia Pacific Nanotechnology Congress (Nanotek Congress 2018), 23–24 July 2018, Sydney, New South Wales, Australia.
- [229] **Alireza Heidari**, Keynote Speaker, 2<sup>nd</sup> 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), 2<sup>nd</sup> International Conference on Advances in Biotechnology (Biotechnology Research 2018), 23–25 July 2018, Kuala Lumpur, Malaysia.
- [232] **Alireza Heidari**, Organizing Committee Member (OCM), 12<sup>th</sup> World Cancer Congress, 23–25 July 2018, Moscow, Russia.
- [233] **Alireza Heidari**, Organizing Committee Member (OCM), 20<sup>th</sup> International Conference on Medicinal Chemistry and Pharmacology, 25–26 July 2018, Vancouver, British Columbia, Canada.
- [234] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> 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), 35<sup>th</sup> 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), 14<sup>th</sup> Global Biomarkers Summit, 02–03 August 2018, Oslo, Norway.
- [239] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference and Exhibition on Material Science and Nanotechnology (Materials Congress 2018), 02–03 August 2018, Barcelona, Spain.
- [240] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> Annual Congress on Gastroenterology & Hepatology (Gastroenterology Summit 2018), 06–07 August

2018, Hyatt Regency Osaka, Japan.

- [241] **Alireza Heidari**, Organizing Committee Member (OCM), 28<sup>th</sup> 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), 2<sup>nd</sup> 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), 20<sup>th</sup> 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), 12<sup>th</sup> 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), 25<sup>th</sup> 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 City, 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), 2<sup>nd</sup> 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), 16<sup>th</sup> 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), 26<sup>th</sup> 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), 17<sup>th</sup> Asia Pacific Ophthalmologists Annual Meeting, 24–25 August 2018, Tokyo, Japan.
- [266] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> World Congress on Biosensors and Bioelectronics (Biosensors Congress 2018), 24–25 August 2018, Tokyo, Japan.
- [267] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Renewable Energy and Resources, 27–28 August 2018, Boston, Massachusetts, USA.
- [268] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> 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), 9<sup>th</sup> 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), 18<sup>th</sup> International Conference on Analytical Chemistry, 29–30 August 2018, Toronto, Ontario, 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), 12<sup>th</sup> Global Summit and Expo on Biomass and Bioenergy (Biomass 2018), 04–05 September 2018, Zürich, Switzerland.
- [277] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> International Conference and Exhibition on Pain Research and Management (Pain Management 2018), 04–05 September 2018, Zürich, Switzerland.
- [278] **Alireza Heidari**, Scientific Committee Member (SCM), International Conference on Science and Technology (ICONST 2018), 05–09 September 2018, Prizren, Kosovo.
- [279] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference and Expo on Drug Discovery, Designing & Development (Drug Discovery 2018), 06–07 September 2018, London, UK.
- [280] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Polymerization Catalysis and Flexible Polymer (Polymer Catalysis 2018), 06–07 September 2018, Dubai, UAE.
- [281] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> International Conference on Gastro Education (Gastro Education 2018), 06–07 September 2018, London, UK.
- [282] **Alireza Heidari**, Organizing Committee Member (OCM), 28<sup>th</sup> World Conference on Nursing Diagnosis & Care Plans (Nursing Diagnosis 2018), 10–11 September 2018, Prague, Czech Republic.
- [283] **Alireza Heidari**, Organizing Committee Member (OCM), 30<sup>th</sup> Annual Congress on Nanotechnology and Nanomaterials (Nanotech 2018), 10–11 September 2018, Stockholm, Sweden.
- [284] **Alireza Heidari**, Organizing Committee Member (OCM), 22<sup>nd</sup> Global Biotechnology Congress (Global Biotechnology 2018), 10–11 September 2018, Stockholm, Sweden.
- [285] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on STD, AIDS and Communicable Disease (stdaids2018), 10–12 September 2018, Paris, France.
- [286] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress and Expo on Cell & Stem Cell Research (Stem Cell 2018), 13–15 September 2018, Paris, France.
- [287] **Alireza Heidari**, Organizing Committee Member (OCM), 19<sup>th</sup> World Congress on Analytical & Bioanalytical Techniques (Analytika 2018), 17–18 September 2018, Singapore City, Singapore.

- [288] **Alireza Heidari**, Organizing Committee Member (OCM), 18<sup>th</sup> Global Summit on Environmental Toxicology and Pharmacology (EnviTox Summit 2018), 17–18 September 2018, Singapore City, Singapore.
- [289] **Alireza Heidari**, Organizing Committee Member (OCM), 6<sup>th</sup> World Congress on Public Health, Epidemiology & Nutrition (Global Public Health 2018), 17–18 September 2018, Hong Kong.
- [290] **Alireza Heidari**, Organizing Committee Member (OCM), 20<sup>th</sup> World Congress on Radiology and Oncology, 17–18 September 2018, Chicago, Illinois, USA.
- [291] **Alireza Heidari**, Organizing Committee Member (OCM), International Epigenetics and Epitranscriptomics Conference (Epitranscriptomics 2018), 17–18 September 2018, Dubai, UAE.
- [292] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Mass Spectrometry and Chromatography (Mass Spectrometry–2018), 17–19 September 2018, Paris, France.
- [293] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Alzheimer’s Disease & Dementia (Dementia 2018), 17–19 September 2018, Paris, France.
- [294] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> Global Summit on Heart Diseases (Heart Diseases Summit 2018), 19–20 September 2018, Singapore City, Singapore.
- [295] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> Edition of International Conference on Green Energy, Green Engineering and Technology (Green Technologies 2018), 20–21 September 2018, Berlin, Germany.
- [296] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Gynecology & Obstetrics (WCGO–2018), 20–21 September 2018, Toronto, Ontario, Canada.
- [297] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Biomarkers Congress (Biomarkers Congress 2018), 20–21 September 2018, Osaka, Japan.
- [298] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Biomedicine & Pharmacotherapy (Biomedicine 2018), 20–22 September 2018, Frankfurt, Germany.
- [299] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference on Nanotechnology (Nanotek Summit 2018), 21–22 September 2018, Dubai, UAE.
- [300] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>th</sup> International Conference and Expo on Natural Medicine & Products (Natural Medicine 2018), 24–25 September 2018, Montreal, Quebec, Canada.
- [301] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nano Science & Technology (Nano Science 2018), 24–25 September 2018, Dubai, UAE.
- [302] **Alireza Heidari**, Organizing Committee Member (OCM), 11<sup>th</sup> World Congress on Food Chemistry & Food Microbiology (Food Chemistry Microbiology Congress 2018), 26–27 September 2018, Dubai, UAE.
- [303] **Alireza Heidari**, Organizing Committee Member (OCM), International

Conference on Nutrition, Health and Aging (Nutrition–2018), 26–28 September 2018, Frankfurt, Germany.

- [304] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nuclear Medicine & Radiation Therapy, 01–02 October 2018, Stockholm, Sweden.
- [305] **Alireza Heidari**, Organizing Committee Member (OCM), 26<sup>th</sup> International Conference on Advanced Nanotechnology, 04–05 October 2018, Moscow, Russia.
- [306] **Alireza Heidari**, Organizing Committee Member (OCM), 17<sup>th</sup> Edition of International Conference and Exhibition on Pharmaceuticals & Novel Drug Delivery Systems (Pharmaceutics 2018), 04–06 October 2018, Moscow, Russia.
- [307] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> Edition of World Congress on Cancer Survivorship, Prevention and Management (Cancer Survivorship 2018), 08–10 October 2018, Moscow, Russia.
- [308] **Alireza Heidari**, Organizing Committee Member (OCM), EuroSciCon Congress on Biochemistry & Molecular Biology (Biochemistry 2018), 11–12 October 2018, Amsterdam, Netherlands.
- [309] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> International Conference on Environmental Health & Preventive Medicine (Environmental Health 2018), 15–16 October 2018, Warsaw, Poland.
- [310] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Cell and Gene Therapy (Gene Therapy 2018), 15–16 October 2018, Vienna, Austria.
- [311] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Diabetes and Cholesterol Metabolism (Metabolic Diseases 2018), 15–17 October 2018, Dubai, UAE.
- [312] **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.
- [313] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Advanced Biomaterials and Tissue Engineering (Advanced Biomaterials 2018), 17–18 October 2018, Rome, Italy.
- [314] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Advanced Structural and Molecular Biology 2018 (Advanced Structural Biology 2018), 17–18 October 2018, Rome, Italy.
- [315] **Alireza Heidari**, Organizing Committee Member (OCM), 19<sup>th</sup> International Conference on Cellular and Molecular Medicine, 17–18 October 2018, Tokyo, Japan.
- [316] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference on Drug Discovery and Advanced Drug Delivery Systems & Technologies (Drug Discovery 2018), 18–19 October 2018, Warsaw, Poland.
- [317] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> Global Biomarkers Summit (Global Biomarker Summit 2018), 18–19 October 2018, Amsterdam, Netherlands.
- [318] **Alireza Heidari**, Organizing Committee Member (OCM), 13<sup>th</sup> World Conference on Applied Science, Engineering and Technology (13<sup>th</sup> WCASET–18), 19–20 October

2018, Bangkok, Thailand.

- [319] **Alireza Heidari**, Organizing Committee Member (OCM), International Healthcare Simulation Conference (Healthcare Simulation 2018), 22–23 October 2018, London, UK.
- [320] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Nursing & Healthcare (Nursing & Healthcare 2018), 22–24 October 2018, Barcelona, Spain.
- [321] **Alireza Heidari**, Organizing Committee Member (OCM), 27<sup>th</sup> European Cardiology Conference (Eurocardiology 2018), 22–24 October 2018, Rome, Italy.
- [322] **Alireza Heidari**, Co–Chair, BIT’s 8th Annual World Congress of Nano Science & Technology (Nano S&T–2018), 24–26 October 2018, Potsdam, Germany.
- [323] **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.
- [324] **Alireza Heidari**, Organizing Committee Member (OCM), 31<sup>st</sup> European Congress on Nanotechnology & Materials Engineering (Nano Mat 2018), 25–26 October 2018, Budapest, Hungary.
- [325] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> World Congress on Biotechnology (Biotechnology Congress 2018), 25–27 October 2018, Frankfurt, Germany.
- [326] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Biomedicine & Pharmacotherapy (Biomedicine 2018), 26–27 October 2018, Osaka, Japan.
- [327] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Gastrointestinal Cancer and Therapeutics (GI Cancer 2018), 29–30 October 2018, San Francisco, California, USA.
- [328] **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.
- [329] **Alireza Heidari**, Organizing Committee Member (OCM), 26<sup>th</sup> Annual Congress on Cancer Science and Targeted Therapies, 29–30 October 2018, San Francisco, California, USA.
- [330] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Materials Research and Development, 29–30 October 2018, Prague, Czech Republic.
- [331] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Magnetism & Magnetic Materials (Magnetism 2018), 01–02 November 2018, Paris, France.
- [332] **Alireza Heidari**, Scientific Committee Member (SCM), International Conference on Pharmaceutical Sciences and Drug Development (IPSDD 2018), 05–06 November 2018, Prague, Czech Republic.
- [333] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference and Expo on Proteomics and Molecular Medicine (Proteomics 2018), 05–07

November 2018, Chicago, Illinois, USA.

- [334] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference and Exhibition on Pharmaceuticals and Advanced Drug Delivery Systems (Pharmaceutical Sciences 2018), 08–10 November 2018, Chicago, Illinois, USA.
- [335] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Petroleum Processing and Industrial Chemistry (Petroleum Processing 2018), 09–10 November 2018, Birmingham, Alabama, USA.
- [336] **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.
- [337] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> World Congress and Expo on RECYCLING, 12–14 November 2018, Berlin, Germany.
- [338] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress and Expo on Clinical and Medical Sciences, 12–14 November 2018, Rome, Italy.
- [339] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress and Expo on Virology and Bacteriology (Virology 2018), 12–14 November 2018, Rome, Italy.
- [340] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Gastroenterology and Digestive Disorders (Gastroenterologists 2018), 15–17 November 2018, Paris, France.
- [341] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> Global Summit on Gastroenterology & Hepatology (Gastroenterology–2018), 19–20 November 2018, Dallas, Texas, USA.
- [342] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> Global Summit and Expo on Proteomics (Proteomics–2018), 19–20 November 2018, Dallas, Texas, USA.
- [343] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Molecular Biology and Stem Cells (Molecular Biology 2018), 19–20 November 2018, Paris, France.
- [344] **Alireza Heidari**, Organizing Committee Member (OCM), 26<sup>th</sup> International Conference on Diabetes and Endocrinology (Diabetes Congress 2018), 22–24 November 2018, Paris, France.
- [345] **Alireza Heidari**, Organizing Committee Member (OCM), Nanotechnology and Nanomaterials Conference 2018 (Nanotechnology 2018), 23–24 November 2018, Las Vegas, Nevada, USA.
- [346] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> International Conference on Theoretical, Materials and Condensed Matter Physics (Condensed Matter Physics 2018), 27–29 November 2018, Los Angeles, California, USA.
- [347] **Alireza Heidari**, Organizing Committee Member (OCM), 18<sup>th</sup> International Conference on Chemistry & Drug Designing (ICDD 2018), 03–04 December 2018, Mexico City, Mexico.
- [348] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> Annual Congress on Nursing & Healthcare, 03–04 December 2018, Amsterdam, Netherlands.
- [349] **Alireza Heidari**, Organizing Committee Member (OCM), European Congress on Protein & Proteomics, 03–04 December 2018, Amsterdam, Netherlands.

- [350] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Toxicology (Toxicology 2018), 03–04 December 2018, Dubai, UAE.
- [351] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nanotechnology (Nanotech 2018), 03–04 December 2018, Edinburgh, Scotland.
- [352] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Proteomics and Genomics (Proteomics–2018), 03–05 December 2018, Valencia, Spain.
- [353] **Alireza Heidari**, Organizing Committee Member (OCM), 28<sup>th</sup> International Conference on Chemistry & Drug Discovery 2018 (ICCDD 2018), 05–06 December 2018, Vancouver, British Columbia, Canada.
- [354] **Alireza Heidari**, Organizing Committee Member (OCM), 11<sup>th</sup> International Conference on Alzheimer's Disease and Dementia (Alzheimer's 2018), 06–07 December 2018, Dubai, UAE.
- [355] **Alireza Heidari**, Organizing Committee Member (OCM), International Congress on Vaccines & Immunology, 06–07 December 2018, Amsterdam, Netherlands.
- [356] **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.
- [357] **Alireza Heidari**, Technical Committee Chair (TCC) and Program Committee Member (PCM), 2018 International Joint Conference on Metallurgical and Materials Engineering (JCMME 2018), 21–23 December 2018, Cairo, Egypt.
- [358] **Alireza Heidari**, Technical Committee Member (TCM), 2019 IEEE 10<sup>th</sup> International Conference on Mechanical and Intelligent Manufacturing Technologies (ICMIMT 2019), 15–17 February 2019, Cape Town, South Africa.
- [359] **Alireza Heidari**, Technical Committee Member (TCM), 2019 5<sup>th</sup> International Conference on Information Management and Industrial Engineering (ICII 2019), 15–17 February 2019, Cape Town, South Africa.
- [360] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Microbiology & Applied Microbiology, 21–22 February 2019, Paris, France.
- [361] **Alireza Heidari**, Organizing Committee Member (OCM), Conference on Oncology and Stem Cells, 25–26 February 2018, Rome, Italy.
- [362] **Alireza Heidari**, Organizing Committee Member (OCM), Conference on Oncology and Cancer Therapy, 25–26 February 2019, Rome, Italy.
- [363] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>th</sup> International Conference on Advanced Dentistry and Dental Science (Advanced Dentistry 2019), 25–26 February 2019, Toronto, Ontario, Canada.
- [364] **Alireza Heidari**, Organizing Committee Member (OCM), CPD Accredited International Conference on Clinical Trials & Pharmacovigilance (Clinical Trials 2019), 28 February–01 March, 2019, Paris, France.
- [365] **Alireza Heidari**, Organizing Committee Member (OCM), 28<sup>th</sup> World Congress on Neurology and Therapeutics (Neurology 2019), 28 February–01 March 2019, Berlin, Germany.
- [366] **Alireza Heidari**, Organizing Committee Member (OCM), International

Conference on Pharmaceutical Chemistry (Pharmaceutical Chemistry 2019), 04–06 March 2019, London, UK.

- [367] **Alireza Heidari**, Organizing Committee Member (OCM), 22<sup>nd</sup> International Conference on New Horizons in Cardiology & Cardiologists Education (Cardiology Insights 2019), 07–08 March 2019, Berlin, Germany.
- [368] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> World Congress on Immunology (Immunology World 2019), 11–12 March 2019, London, UK.
- [369] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Tissue Engineering and Regenerative Medicine (Tissue Engineering), 14–15 March 2019, London, UK.
- [370] **Alireza Heidari**, Organizing Committee Member (OCM), 12<sup>th</sup> International Conference on Vascular Dementia and Dementia (Vascular Dementia 2019), 14–16 March 2019, London, UK.
- [371] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> Global Summit on Heart Diseases (Heart Diseases Summit 2019), 15–16 March 2019, Singapore City, Singapore.
- [372] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> Global Summit on Oncology and Cancer (Oncology 2019), 18–19 March 2019, London, UK.
- [373] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> International Conference on Nanotechnology for Renewable Materials (Nano Materials 2019), 18–19 March 2019, Singapore City, Singapore.
- [374] **Alireza Heidari**, Organizing Committee Member (OCM), 15<sup>th</sup> Global Biomarkers Summit (Biomarkers Summit–2019), 20–21 March 2019, Paris, France.
- [375] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Toxicology and Risk Assessment (Toxicology–2019), 20–22 March 2019, Frankfurt, Germany.
- [376] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Pharma Conference and Expo (Pharma–2019), 20–22 March 2019, Frankfurt, Germany.
- [377] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> World Congress and Expo on Pharmaceutics and Drug Delivery Systems (Pharmaceutics–2019), 25–26 March 2019, Milan, Italy.
- [378] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> World Congress & Expo on Biotechnology and Bioengineering (Biotechnology–2019), 25–26 March 2019, Dubai, UAE.
- [379] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> World Congress & Expo on Nanotechnology & Materials Science (Nanotechnology Congress), 25–26 March 2019, Dubai, UAE.
- [380] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Biochemistry and Enzymology (World Biochem 2019), 25–26 March 2019, Amsterdam, Netherlands.
- [381] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> World Congress on Drug Safety and Pharmacovigilance (Drug Safety Congress), 27–28 March 2019, Dubai, UAE.
- [382] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> Edition of

International Conference on Clinical & Medical Case Reports (Clinical Case Reports 2019), 27–28 March 2019, Barcelona, Spain.

- [383] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> Global Meeting on Clinical Oncology and Radiology (Clinical Oncology Conference 2019), 27–28 March 2019, Hong Kong.
- [384] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Mechanical, Metallurgy and Materials Science (Metallurgy–2019), 28–29 March 2019, Milan, Italy.
- [385] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference on Carbon Nanotubes and Graphene Technologies (Graphene Technology–2019), 28–29 March 2019, Milan, Italy.
- [386] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> International Conference on Smart Materials and Sustainable Technologies (Smart Materials 2019), 08–09 April 2019, Toronto, Ontario, Canada.
- [387] **Alireza Heidari**, Catalysts Committee Member (CCM), International Conference on Applied Catalysis & Chemical Engineering (ACC–2019), 08–10 April 2019, Dubai, UAE.
- [388] **Alireza Heidari**, Scientific Advisory Board Member (SABM) and Chairman of the Session “*Breaking Research on Bioanalysis*”, BIT’s 7<sup>th</sup> Annual Conference of AnalytiX–2019 (AnalytiX–2019), 12–14 April 2019, Singapore City, Singapore.
- [389] **Alireza Heidari**, Invited, Key and Renowned Speaker, “*Analytical chemistry and human cancer prevention, diagnosis and treatment: Perspective and prospect*”, 7<sup>th</sup> Annual Conference of AnalytiX–019 (AnalytiX–2019), 12–14 April 2019, Singapore City, Singapore.
- [390] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Translational and Regenerative Medicine Conference (ITMC–2019), 15–17 April 2019, Valencia, Spain.
- [391] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Advanced Metabolomics and Systems Biology (Metabolomics 2019), 16–17 April 2019, Las Vegas, Nevada, USA.
- [392] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference on Infectious Diseases (Infectious Diseases 2019), 22–24 April 2019, Dubai, UAE.
- [393] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> International Conference on Earth Science & Space Technology, 13–14 May 2019, Athens, Greece.
- [394] **Alireza Heidari**, Organizing Committee Member (OCM), 9<sup>th</sup> World Congress on Chemistry & Medicinal Chemistry (Chemistry 2019), 13–14 May 2019, Prague, Czech Republic.
- [395] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference on Catalysis Chemical Engineering & Technology, 13–14 May 2019, Rome, Italy.
- [396] **Alireza Heidari**, Chairman of the Track “*Cancer Drug Mechanisms and Resistance*”, BIT’s 12<sup>th</sup> Annual World Cancer Congress–2019 (WCC–2019), 15–17 May 2019, Osaka, Japan.
- [397] **Alireza Heidari**, Invited, Key and Renowned Speaker, “*Anti-cancer nano drugs delivery mechanisms and resistance in human cancer cells, tissues and tumors under*

*synchrotron and synchrotron radiations with passage of time*”, BIT's 12<sup>th</sup> Annual World Cancer Congress–2019 (WCC–2019), 15–17 May 2019, Osaka, Japan.

- [398] Alireza Heidari, Technical Committee Member (TCM), 2<sup>nd</sup> International Conference on Nanomaterials, Materials and Manufacturing Engineering (ICNMM 2019), 17–19 May 2019, Bangkok, Thailand.
- [399] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference on Gastroenterology and Endoscopy (Gastro 2019), 20–21 May 2019, Dubai, UAE.
- [400] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference on CPD accredited Medical Microbiology 2019 (Medical Microbiology 2019), 20–21 May 2019, Vienna, Austria.
- [401] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Reproductive Medicine & Biology (Reproductive Biology–2019 (ICRMB19)), 22–23 May 2019, Las Vegas, Nevada, USA.
- [402] **Alireza Heidari**, Organizing Committee Member (OCM), 15<sup>th</sup> Edition of International Conference on Healthcare (Healthcare 2019), 27–29 May 2019, Barcelona, Spain.
- [403] **Alireza Heidari**, Program Committee Member (PCM), 2<sup>nd</sup> World Summit on Toxicology & Applied Pharmacology (Toxicology–2019), 03–04 June 2019, Berlin, Germany.
- [404] **Alireza Heidari**, Scientific Committee Board (SCB), World Pharma Summit R&D, Market and B2B (World Pharma Summit 2019), 03–04 June 2019, London, UK.
- [405] **Alireza Heidari**, Organizing Committee Member (OCM), World Conference on Chemistry (WCC–2019), 03–05 June 2019, Dubai, UAE.
- [406] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Clinical Research & Biomarkers (Biomarkers–2019), 03–05 June 2019, London, UK.
- [407] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Molecular Biology and Stem Cells (Molecular Biology 2019), 06–07 June 2019, London, UK.
- [408] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Central Nervous System and Therapeutics (CNS 2019), 10–11 June 2019, Edinburgh, Scotland.
- [409] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> European Clinical Microbiology and Immunology Congress (Clinical Microbiology 2019), 12–13 June 2019, Edinburgh, Scotland.
- [410] **Alireza Heidari**, Conference Committee Member (CCM), International Conference on Oncology and Hematology (SciTech Oncology 2019), 17–18 June 2019, Dubai, UAE.
- [411] **Alireza Heidari**, Conference Committee Member (CCM), Global Meet on Pharmaceutical Sciences, Drug Formulation & Delivery (Pharma Meet 2019), 19–20 June 2019, Venice, Italy.
- [412] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> International Conference on Biomaterials, Cellular and Tissue Engineering (Biomaterials Congress

- 2019), 19–20 June 2019, Dublin, Ireland.
- [413] **Alireza Heidari**, Conference Committee Member (CCM), 3<sup>rd</sup> World Congress and Expo on Nanotechnology and Materials Science (Nanotechnology & Materials Science 2019), 01–02 July 2019, Dubai, UAE.
  - [414] **Alireza Heidari**, Conference Committee Member (CCM), International Conference on Tissue Science & Regenerative Medicine, 01–03 July 2019, Rome, Italy.
  - [415] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> Global Pharmaceutical Conference and Expo (i-Pharma UK 2019), 03–05 July 2019, London, UK.
  - [416] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference and Exhibition on Pharmaceutical Sciences & Research (Pharma Congress), 04–05 July 2019, Dubai, UAE.
  - [417] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Global Heart Congress (Heart Congress 2019), 08–10 July 2019, Paris, France.
  - [418] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Bacteriology and Emerging Diseases, 08–10 July 2019, Paris, France.
  - [419] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Green & Sustainable Chemistry (Green Chemistry 2019), 15–16 July 2019, Zürich, Switzerland.
  - [420] **Alireza Heidari**, Experts Advisory Board Member (EABM), World-Wide Congregation on Physics (Physics Summit 2019), 17–18 July 2019, Zürich, Switzerland.
  - [421] **Alireza Heidari**, Scientific Committee Member (SCM), World Congress on Obesity, 22–23 July 2019, Kuala Lumpur, Malaysia.
  - [422] **Alireza Heidari**, Organizing Committee Member (OCM) and also Invited, Key and Renowned Speaker, International Conference on Alzheimer's & Dementia (Dementia-2019), 22–24 July 2019, London, UK.
  - [423] **Alireza Heidari**, International Scientific Advisory Board Member (ISABM), International Congress on Advanced Materials Sciences and Engineering 2019 (ASME-2019), 22–24 July 2019, Osaka, Japan.
  - [424] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> European Pharma and Pharmaceutical Sciences Congress (European Pharma 2019), 25–26 July 2019, Rome, Italy.
  - [425] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> International Conference on Smart Materials and Structures (Smart Materials Congress 2019), 01–02 August 2019, Dublin, Ireland.
  - [426] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Pharma Conference and Expo (Pharma-2019), 01–02 August 2019, Valencia, Spain.
  - [427] **Alireza Heidari**, Organizing Committee Member (OCM), 24<sup>th</sup> World Congress on Pharmacology, 19–20 August 2019, Vienna, Austria.
  - [428] **Alireza Heidari**, Organizing Committee Member (OCM), Global Conference on Cancer & Therapeutic Approaches (Cancer Congress-2019/GCTA-2019), 19–21 August 2019, Dubai, UAE.
  - [429] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International

Conference on Nutrition, Health and Aging (Nutrition–2019), 28–29 August 2019, Valencia, Spain.

- [430] **Alireza Heidari**, Organizing Committee Member (OCM), 13<sup>th</sup> Edition of International Conference on Nanomedicine and Advanced Drug Delivery (Nano Drug Delivery 2019), 29–30 August 2019, London, UK.
- [431] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> International Conference on Condensed Matter and Materials Physics (Euro Condensed Matter Physics 2019), 02–03 September 2019, Berlin, Germany.
- [432] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference and Exhibition on Pharmaceutical Sciences & Research (Pharma Congress), 04–05 September 2019, Dubai, UAE.
- [433] **Alireza Heidari**, Organizing Committee Member (OCM), 31<sup>st</sup> International Conference on Cancer Research and Therapy (Cancer Research–2019), 09–10 September 2019, Zürich, Switzerland.
- [434] **Alireza Heidari**, Organizing Committee Member (OCM), International Congress on Surgery and Anaesthesia (ICSA 2019), 09–11 September 2019, Dubai, UAE.
- [435] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Nanomedicine and Nanotechnology (Nanotechnology 2019), 12–13 September 2019, Edinburgh, Scotland.
- [436] **Alireza Heidari**, International Advisory Committee Member (IACM), 2<sup>nd</sup> Indo Oncology Summit–19, 13–14 September 2019, Bhubaneswar, India.
- [437] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> World Congress on Clinical Research & Biomarkers (WCCRB–2019), 16–17 September 2019, Miami, Florida, USA.
- [438] **Alireza Heidari**, Scientific Committee Member (SCM), World Congress on Physics (Physics Congress 2019), 16–17 September 2019, Dubai, UAE.
- [439] **Alireza Heidari**, Organizing Committee Member (OCM), 10<sup>th</sup> International Conference on Organic Chemistry 2019 (Organic Chemistry 2019), 20–21 September 2019, Singapore City, Singapore.
- [440] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Pharmaceutics and Drug Delivery Research (Pharmaceutics–2019), 23–24 September 2019, Barcelona, Spain.
- [441] **Alireza Heidari**, Organizing Committee Member (OCM), 31<sup>st</sup> European Congress on Nanotechnology and Materials Engineering, 03–04 October 2019, Paris, France.
- [442] **Alireza Heidari**, Organizing Committee Member (OCM), 23<sup>rd</sup> International Conference on Food Technology & Processing (Food Technology 2019), 07–08 October 2019, Dublin, Ireland.
- [443] **Alireza Heidari**, Organizing Committee Member (OCM), Worldwide Forum on Mental Health & Psychiatry (Mental Health Congress), 07–08 October 2019, Rome, Italy.
- [444] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Public Health Care and Management (Public Health 2019), 07–09 October 2019, Rome, Italy.
- [445] **Alireza Heidari**, Organizing Committee Member (OCM), International

Conference on Cancer and Oncotherapy (Cancer–2019), 14–16 October 2019, London, UK.

- [446] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> World Congress and Expo Traditional Medicine & Herbals (WCETMH–2019), 21–22 October 2019, Bangkok, Thailand.
- [447] **Alireza Heidari**, Organizing Committee Member (OCM), Global Meeting on Biomarkers, Clinical Research and Therapeutics, 21–22 October 2019, Milan, Italy.
- [448] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Vaccines and Immunization (Vaccines 2019), 21–23 October 2019, Milan, Italy.
- [449] **Alireza Heidari**, Organizing Committee Member (OCM), PedIatrics & Neonatology Summit (Ped Summit 2019), 21–23 October 2019, Tokyo, Japan.
- [450] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> International Conference on Obesity and Weight Loss (Obesity–2019), 23–24 October 2019, Rome, Italy.
- [451] **Alireza Heidari**, Organizing Committee Member (OCM), Annual Summit on Metabolomics (Metabolomics Summit 2019), 23–24 October 2019, Amsterdam, Netherlands.
- [452] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Organic and Inorganic Chemistry (Organic Chemistry Congress 2019), 24–25 October 2019, Zürich, Switzerland.
- [453] **Alireza Heidari**, Organizing Committee Member (OCM), 20<sup>th</sup> Global Ophthalmologists Annual Meeting (Ophthalmologists 2019), 28–29 October 2019, Amsterdam, Netherlands.
- [454] **Alireza Heidari**, Organizing Committee Member (OCM), 10<sup>th</sup> International Conference on Immunology & Immunogenetics (Molecular Immunology 2019), 30–31 October 2019, London, UK.
- [455] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Cell Science and Molecular Biology, 04–06 November 2019, Vienna, Austria.
- [456] **Alireza Heidari**, Organizing Committee Member (OCM), Global Experts Meet on Advanced Technologies in Diabetes Research and Therapy (Diabetes Meet 2019), 11–12 November 2019, San Francisco, California, USA.
- [457] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Bioavailability and Bioequivalence (BABE 2019), 11–12 November 2019, London, UK.
- [458] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Bacteriology and Environmental Microbiology, 11–13 November 2019, Berlin, Germany.
- [459] **Alireza Heidari**, Organizing Committee Member (OCM), 23<sup>rd</sup> World Congress on Biotechnology (Biotechnology–2019), 14–15 November 2019, Amsterdam, Netherlands.
- [460] **Alireza Heidari**, Organizing Committee Member (OCM), International Summit on Physics & Astronomy (Physics–2k19), 14–15 November 2019, Osaka, Japan.
- [461] **Alireza Heidari**, Advisory Board Member (ABM), BIT'17<sup>th</sup> Annual Congress of International Drug Discovery Science and Technology–2019 (IDDST–2019), 15–17 November 2019, Nanjing, China.
- [462] **Alireza Heidari**, International Advisory Committee Member (IACM), 2<sup>nd</sup> Indo

Oncology Summit–19, 15–17 November 2019, Bhubaneswar, Odisha, India.

- [463] **Alireza Heidari**, Scientific Committee Member (SCM), 2<sup>nd</sup> International Conference on Food, Agriculture, Horticulture and Aquaculture 2019, 18–19 November 2019, Bangkok, Thailand.
- [464] **Alireza Heidari**, Organizing Committee Member (OCM), 8<sup>th</sup> Global Conference on Mass Spectrometry (Mass Spectra 2019), 18–19 November 2019, Osaka, Japan.
- [465] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Community Nursing and Public Health, 18–19 November 2019, Johannesburg, South Africa.
- [466] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> Global Summit on Gastroenterology & Hepatology (Gastroenterology–2019), 18–19 November 2019, Amsterdam, Netherlands.
- [467] **Alireza Heidari**, Scientific Committee Member (SCM), 2<sup>nd</sup> International Conference on Food, Agriculture, Horticulture and Aquaculture 2019, 18–20 November 2019, Bangkok, Thailand.
- [468] **Alireza Heidari**, Organizing Committee Member (OCM), Advances & Scientific Merits in Food and Agriculture, 18–20 November 2019, Dubai, UAE.
- [469] **Alireza Heidari**, Organizing Committee Member (OCM), Advances and Scientific Merits in Vaccines, Pharmacology & Clinical Trials, 18–20 November 2019, Paris, France.
- [470] **Alireza Heidari**, Organizing Committee Member (OCM), 2<sup>nd</sup> International Conference on Alzheimer’s Disease & Associated Disorders (Alzheimers–2019), 28–29 November 2019, Kuala Lumpur, Malaysia.
- [471] **Alireza Heidari**, Scientific Committee Member (SCM), Scholars International Conference on Pharmaceutics and Drug Delivery Research (Pharmaceutics 2019), 02–03 December 2019, Madrid, Spain.
- [472] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference Green Energy and Recycling (Energy 2019), 02–03 December 2019, Berlin, Germany.
- [473] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> Global Nanotechnology Congress and Expo (Nanotechnology–2019), 02–04 December 2019, Bali, Indonesia.
- [474] **Alireza Heidari**, Experts Advisory Board Member (EABM), Renewable Materials 2019, 04–05 December 2019, New York, USA.
- [475] **Alireza Heidari**, Organizing Committee Member (OCM), 5<sup>th</sup> International Conference on Cosmetology and Dermatology (Cosmetology 2019), 04–05 December 2019, Abu Dhabi, UAE.
- [476] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> Global Virology Congress & Expo (Virology–2019), 06–07 December 2019, Kuala Lumpur, Malaysia.
- [477] **Alireza Heidari**, Organizing Committee Member (OCM), 14<sup>th</sup> International Conference on Cancer and Cancer Therapy (Cancer 2019), 09–10 December 2019, Dubai, UAE.
- [478] **Alireza Heidari**, Organizing Committee Member (OCM), 7<sup>th</sup> International Conference On Vaccines and Immunology (Vaccines Congress 2019), 09–10 December

2019, Abu Dhabi, UAE.

- [479] **Alireza Heidari**, Technical Committee Chair (TCC), 2<sup>nd</sup> International Joint Conference on Metallurgical and Materials Engineering (JCMME 2019), 10–12 December 2019, Auckland, New Zealand.
- [480] **Alireza Heidari**, Technical Committee Member (TCM), 2020 International Conference on Frontiers of Nanomaterials and Nanotechnology (NanoMT 2020), 10–12 January 2020, Athens, Greece.
- [481] **Alireza Heidari**, Technical Committee Member (TCM), 6<sup>th</sup> International Conference on Information Management and Industrial Engineering (ICII 2020), 20–22 January 2020, Cape Town, South Africa.
- [482] **Alireza Heidari**, Technical Committee Member (TCM), 2020 IEEE 11<sup>th</sup> International Conference on Mechanical and Intelligent Manufacturing Technologies (ICMIMT 2020), 20–22 January 2020, Cape Town, South Africa.
- [483] **Alireza Heidari**, Organizing Committee Member (OCM), 31<sup>st</sup> European Congress on Nanotechnology and Materials Engineering (Nanomat 2020), 12–13 February 2020, Paris, France.
- [484] **Alireza Heidari**, Organizing Committee Member (OCM), World Congress on Catalysis, Chemical Engineering and Technology (Catalysis 2020), 19–20 February 2020, Phuket, Thailand.
- [485] **Alireza Heidari**, Organizing Committee Member (OCM), 20<sup>th</sup> World Congress on Pharmaceutical Sciences and Innovations in Pharma Industry (Pharma Industry 2020), 24–25 February 2020, Dubai, UAE.
- [486] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Medical and Health Sciences, 24–25 February 2020, Rome, Italy.
- [487] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Primary Healthcare and Pain Management (Primary Healthcare 2020), 27–28 February 2020, Paris, France.
- [488] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference on Applied Science and Engineering (ICASE–2020), 20–21 April 2020, Dubai, UAE.
- [489] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Conference on Neurology and Brain Disorders (Neuro Congress 2020), 20–21 April 2020, Bangkok, Thailand.
- [490] **Alireza Heidari**, Organizing Committee Member (OCM), 12<sup>th</sup> International Conference & Expo on Chromatography Techniques (Chromatography 2020), 20–21 April 2020, Berlin, Germany.
- [491] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> European Congress on Pharma and Pharmaceutical Sciences (Europaen Pharma 2020), 02–03 March 2020, Edinburgh, Scotland.
- [492] **Alireza Heidari**, Organizing Committee Member (OCM), Advances and Scientific Merits in Chemistry, 05–07 March 2020, San Francisco, California, USA.
- [493] **Alireza Heidari**, Science Advisory Board Member (SABM), International Conference on Nano Research and Development (ICNRD–2020), 12–14 March 2020, Singapore City, Singapore.

- [494] **Alireza Heidari**, Scientific Advisory Board Member (SABM), Smart Devices Symposium 2020 (SDS2020), 17–19 March 2020, Osaka, Japan.
- [495] **Alireza Heidari**, Conference Committee Member (CCM), International Conference on Chemical Engineering & Catalysis (Chemical Research 2020/ICCEC–2020), 19–20 March 2020, Berlin, Germany.
- [496] **Alireza Heidari**, Conference Committee Member (CCM), 3<sup>rd</sup> International Conference on Obesity and Weight Loss (Obesity–2020), 19–20 March 2020, Rome, Italy.
- [497] **Alireza Heidari**, Organizing Committee Member (OCM), Global Congress and Expo on Advances in 3D Printing & Modelling (3DPrinting–2020), 07–08 May 2020, Porto, Portugal.
- [498] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> World Congress on Cell Science and Molecular Biology (Cell Science–2020), 11–12 May 2020, Manchester, UK.
- [499] **Alireza Heidari**, Organizing Committee Member (OCM), International Conference and Expo on Materials Science and Nano Science (Materials-Science–2020), 08–09 June 2020, Kuala Lumpur, Malaysia.
- [500] **Alireza Heidari**, Scientific Committee Member (SCM), World Congress on Pharmaceuticals Sciences and Chemistry (Pharma-2020 Conference), 17–19 June 2020, London, UK.
- [501] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> Global Summit on Stem Cell Biology & Regenerative Medicine (SCRM–2020), 18–19 June 2020, Saint Petersburg, Russia.
- [502] **Alireza Heidari**, Organizing Committee Member (OCM), 3<sup>rd</sup> International Hematologists Summit (Hematology–2020), 18–19 June 2020, Saint Petersburg, Russia.
- [503] **Alireza Heidari**, Technical Committee Member (TCM), 2020 International Workshop on Industrial Informatics (IWoII 2020), 19–21 June 2020, Prague, Czech Republic.
- [504] **Alireza Heidari**, Organizing Committee Member (OCM), 4<sup>th</sup> International Congress and Exhibition on Pharmacy (ICEP–2020), 13–14 August 2020, Atlanta, Georgia, USA.

## **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
- 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
- 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 Graph
- GeoGebra
- Grapher
- LISREL
- Math Calculator
- Math Resource Studio Pro
- MathCast
- MedCalc
- Novus Calculator
- SigmaPlot
- SMath Studio Desktop
- Universal Math Solver
- FX PhysEquate
- Geometry Expressions
- GraphicMaster
- CorelDRAW
- Math Magic Pro Edition
- Math—o—mir
- MatheAss
- Mathematica Addons
- Mathematics
- Microsoft Mathematics
- PASS
- SLGallery
- SpeQ Mathematics
- Tecplot
- ViCalc
- FX Equation
- FX Stat
- Graph
- GS Calc
- Adobe Photoshop
- 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*”, 1<sup>st</sup> Edition, Mobtakeran Company Press, Tehran, Iran, 2007.
- **Alireza Heidari**, “*Principles of Modern Relativistic Quantum Mechanics*”, 1<sup>st</sup> Edition, Karvar Company Press, Tehran, Iran, 2008.
- **Alireza Heidari**, “*Principles and Methods of Using Chemical Abstracts*”, 1<sup>st</sup> Edition, Karvar Company Press, Tehran, Iran, 2008.
- **Alireza Heidari**, “*Fundamentals of Surface and Solid State Physical Chemistry*”, 1<sup>st</sup> Edition, Karvar Company Press, Tehran, Iran, 2008.
- **Alireza Heidari**, “*Molecular Physical Chemistry*”, 1<sup>st</sup> Edition, Karvar Company Press, Tehran, Iran, 2009.
- **Alireza Heidari**, “*Fundamentals of Quantum Chemistry and Molecular Spectroscopy*”, 1<sup>st</sup> Edition, Karvar Company Press, Tehran, Iran, 2009.

## **PROFESSIONAL BOOK TRANSLATIONS:**

- Alan K. Brisdon, “*Inorganic Spectroscopic Methods*”, 1<sup>st</sup> Edition, Oxford Chemistry Primers, Oxford University Press, 1998.
- Martin Cockett, Graham Dogget, “*Math’s for Chemists (Volume 1): Numbers, Functions and Calculus*”, 1<sup>st</sup> Edition, The Royal Society of Chemistry (RSC), 2003.
- Martin Cockett, Graham Dogget, “*Maths for Chemists (Volume 2): Power Series, Complex Numbers and Linear Algebra*”, 1<sup>st</sup> 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, ISBN–10: 179980139X, ISBN–13: 978–1799801399, Hershey, Pennsylvania, USA, 2019.

## **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), Pasteur Institute of Iran (IPI).

➤ **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 Computing (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), International Institutional Review Board (IIRB), Ibn Sina Academy of Medieval Medicine and Sciences (IAMMS).

## **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 13<sup>th</sup> 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 15<sup>th</sup> National Iranian Student Book Festival for compiling “Principles of Modern Relativistic Quantum Mechanics”, Tehran, Iran, 2008.
- Winner of the 7<sup>th</sup> 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 1<sup>st</sup> 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 1<sup>st</sup> 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 13<sup>th</sup> National Iranian Student Thesis Festival, Tehran, Iran, 2009.
- Winner of the 16<sup>th</sup> 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 1<sup>st</sup> Conference on the Application of Nanotechnology in the Petroleum and Petrochemical Industries, Mahshahr, Iran, May 2011.
- Winner of the Best Poster and Best Oral Presentation Prize at the 1<sup>st</sup> National Student Conference on Nanotechnology, Shahreza, Iran, July 2011.
- Participating at the Carbon Nanotubes workshop during the 1<sup>st</sup> 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.