

In the Name of God
CURRICULUM VITAE

Personal Information:

Name: Seyed Ali Ziai

Qualification: Pharm.D., Ph.D.

Nationality: Iranian

Date of birth: 1970

Place of birth: Tehran, Iran

Addresses:

Work:

Dept. Pharmacology, School of Medicine,
Shahid Beheshti University of Medical Sciences,
Koodakyar St. Daneshjoo Blvd., Evin, Tehran, Iran
PO Box: 19615-1179
Telefax: +98 21 22439969

University Education:

| Level | Description | University | Years | Thesis |
|----------|--------------|---|--------------------|---|
| PhD | Pharmacology | Department of Pharmacology, Faculty of Medicine, Iran University of Medical Sciences, (IUMS), Tehran, Iran. | Sep 1994- May 2000 | Relationship between drug induced renal and pulmonary toxicity and ACE activity in rat serum and tissues. |
| Pharm D. | Pharmacy | Faculty of Pharmacy, Tehran University of Medical Sciences, (TUMS), Tehran, Iran | Dec 1987- Sep 1994 | Effects of AlF ⁴⁻ on the guinea pig isolated atrium. |

Honors and distinctions:

| Title | Reference | Year |
|--|------------------|-----------|
| Number one in the pharmacology PhD entrance exam. | MOH ¹ | 1994 |
| Member of the IMP founders | MOH | 2001 |
| Member of Iranian committee of medicinal plants research centers network | MOS ² | 2004-2005 |

Major professional services:

| Title | Place | Duration |
|---|------------------|-----------|
| Setup of HPLC | IUMS | 1996 |
| ACE activity assay method development | IUMS | 1996 |
| Making of Microplate's bath-shaker for enzyme assay | IUMS | 1998 |
| Setup of pharmacology lab. | IMP ³ | 2000-2004 |
| Formulation of herbal medicines | MOH | 2003-2005 |

¹ Ministry of Health, Iran

² Ministry of Science, Iran

³ Institute of Medicinal Plants, Tehran, Iran

Major administrative responsibilities:

| Title | Place | Duration |
|---|-------------------|--------------------------|
| Head of Pharmacology Dept. | SBUM ⁴ | Nov. 2018 |
| Vice Dean in Research Affairs at school of medicine | SBUM | July 2014 |
| Director of Student Affairs | SBUM | July 2010- December 2012 |
| President of IMP | IMP | Sep 2004-Nov 2005 |
| Head of Pharmacology Dept. | IMP | June 2003-Nov 2005 |
| Deputy for research and education | IMP | Jan 2000-June 2003 |

Memberships:

| Title | Place | Duration |
|---|--------------------|---------------|
| Member of Iranian Medical Council | Iran | From 1994 |
| Member of Iranian Society of Physiology and Pharmacology | Iran | From 1995 |
| Member of Tehran's scientific committee for physician prescriptions study | Tehran | 1998-1999 |
| Member of board of directors of Center for Professional and Scientific Services | IMP | 2001-Nov 2005 |
| Member of editorial board of Iranian journal of medicinal plants | IMP | From 2002 |
| Member of ACECR's Professional committee for medical education | ACECR ⁵ | 2002-2004 |
| Member of Iranian committee of medicinal plants research centers network | MOS | 2004-2005 |
| Member of ACECR's Professional committee for medical research | ACECR | 2001-2003 |
| Member of the infectious disease committee | SBUM | From 2009 |
| Member of the Research Ethic Committee at School of Medicine | SBUM | From 2015 |
| Member of the SBUM research committee | SBUM | From 2014 |
| Member of editorial board of Novelty in Biomedicine Journal | SBUM | From 2014 |
| | | |

⁴ Shahid Beheshti University of Medical Sciences, Tehran, Iran

⁵ Iranian Academic Center for Education and Research

Scientific Experiences:

| Subject | Place | Year |
|--|---|------|
| HPLC application and operation | IUMS ⁶ | 1995 |
| FPLC application and operation | ACECR | 2004 |
| Enzyme assay | IUMS | 1996 |
| Protein purification in downstream process (Theoretical and practical laboratory training) | Biotechnology Research Center Institut Pasteur D'Iran | 2002 |
| Passing the Principals of GMP workshop | AITA Co. | 2002 |
| Electrophoresis | Biotechnology Research Center Institut Pasteur D'Iran | 2002 |
| GC/MS applications | ACECR | 2003 |
| Thin Layer Chromatography | Mahzad Kala Co. | 2003 |
| Preparative Chromatography | Knauer Co. | 2003 |
| Oxidative stress study | SBUM | 2009 |

Teaching Experiences:

| Subject | Place | Year |
|---|----------------------------|-----------|
| Nursing Pharmacology | Faculty of nursing, IUMS | 1997-1999 |
| Continuous Medical Education Programs | IMP and medicine faculties | 1999-2005 |
| Herbal medicines | IMP | 2000-2005 |
| Pharmacology for medical students | Shahrood Azad University | From 2005 |
| Pharmacology for medical students | School of medicine SBUM | From 2007 |
| Nanomedicine for Nanomedicine PhD students | School of medicine SBUM | 2008-2010 |
| Pharmacology for the surgical technologists | Faculty of nursing, SBUM | From 2009 |
| Pharmacology for MSc and PhD students | School of medicine SBUM | From 2009 |

⁶ Iran University of Medical Sciences, Tehran, Iran

Work Experience:

| Subject | Place | Duration |
|--|---|----------------|
| Pharmacist at Isar pharmacy | Pharmacies of faculty of pharmacy, Tehran | 1994-1996 |
| Scientific Dept. Novartis Iran Co. | Novartis Iran | 1998-1999 |
| Scientific and training Dept. Danesh Afzar Eng. Co. (Exclusive agent of Roche Diagnostics) | Danesh Afzar Eng. Co. Tehran | 2000-2003 |
| Assistant Prof. | IMP | 2000-2006 |
| Assistant Prof. | SBUM | 2007-June 2012 |
| Associate Prof. | SBUM | June 2012 |
| Editor in Chief Nedaye Mahya magazine | MahyaDarou Co. | 2006-2016 |
| Executive secretary of 19 th Iranian Physiology and Pharmacology Congress | SBUM | 2009 |
| Chairman & Editor in Chief School of Medicine Students' Journal | SBUM | 2017 |

Projects:

| Subject | Grant | Year |
|--|--|-----------|
| Study of G-proteins in the guinea-pig ileum | IUMS project. (Grant No.119) | 1994-1996 |
| Study of gentamicin effects on the ACE activity in human and rat | IUMS project. (Grant No.281) | 1998-2000 |
| Study of biodiversity and sources of soil microorganisms as a domestic genetic source for production of drugs, food and cosmetics | National project | 1999-2001 |
| Study of effects of Papaver spp. Alkaloids on the ACE activity | National research center of medical sciences project | 2001-2003 |
| Bioequivalency Study of primidone tablet 250mg | Sobhan pharmaceutical Co. | 2001-2002 |
| Study of isolation and purification of ACE from rabbit lung. | IMP | 2003-2004 |
| Antidiabetic effects of <i>Plantago ovata</i> in type II diabetic patients in a randomized double-blind placebo control clinical trial | IMP, Irandarouk Co, Endocrinology & Metabolism Research Center | 2003-2004 |
| Study of ACE inhibitory effect of some medicinal plants used in Iranian folk medicine as antihypertensive remedy. | IMP | 2003-2005 |

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| Formulation of artichoke extract capsules for the treatment of hypercholesterolemia | IMP | 2003-2005 |
| Formulation of dandelion's root capsules for the treatment of bile stones | IMP | 2003-2005 |
| A comparison between St Johns Wort genotypes for hyperforin content | IMP | 2003-2005 |
| Physiological and phytochemical evaluation of Iranian madder (<i>Rubia tinctorum</i>), for identification and selection of the best populations. | IMP | 2001-2005 |
| The influence of organic manures (farm manure and vermicompost) on quantity and quality of valerian (<i>Valeriana officinale</i>) | IMP | 2003-2005 |
| Ethno medical Screening of antiviral effects of medicinal plants. | IMP, Institute of health in Tehran university | 2005-2006 |
| Study of inhibitory effect of some medicinal plants used in Iranian folk medicine as antihypertensive remedy on germinal ACE. | IMP, Kerman university of medical education | 2005-2006 |
| Study of association between polymorphism of angiotensin converting enzyme and coronary artery disease | SBUM | 2008-2009 |
| Study of water extract of <i>Peganum hermala</i> L. and <i>Allium sativum</i> L. on Parkinson's disease | INSF | 2009-2010 |
| Study of cytokines in the opium addicted persons with coronary artery disease | SBUM | 2009-2011 |
| study the induction of apoptosis by umbelliprenin on CLL cell line | SBUM | 2010-2012 |
| Study of water extract of <i>Zea mays</i> L. on Parkinson's disease | Neuroscience Research Center SBUM | 2011-2012 |
| A pilot clinical study of losartan ointment for the treatment of keloid and wound scars | SBUM | 2013-2014 |
| Effects of polymers dressings made of chitosan and poly-vinyl alcohol containing doxycycline on ulcers in diabetic rats (Phase II) | SBUM | 2014-2017 |
| Investigation of anti-carcinogenic effects of umbelliprenin in Balb/c colorectal cancer mode | SBUM | 2016-2017 |
| Study of Effects of Umbelliprenin on Angiogenesis and Metastasis Markers in Breast-Tumor Bearing Balb/c Mice | SBUM | 2015-2016 |
| Investigation of the effect of umbelliprenin on HIF-1 α – driven angiogenesis induced by EGF and CoCl ₂ in T47D and MDA-MB-231 cell lines | SBUM | 2017-2019 |
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Publications:

A. Papers:

| No | Authors | Title | Year | Journal | Issue No. | Pages |
|----|---|--|------|--|-----------|---------|
| 1 | Ziai SA | Why children talk to themselves? | 1996 | Etela'ate Elmi | 6 | 5-9 |
| 2 | Ziai SA | Emotion, memory and brain | 1996 | Etela'ate Elmi | 11 | 9-14 |
| 3 | Ziai SA | Which drugs affect potassium? | 1997 | Tazehaye Pezeshki | 2 | 101-104 |
| 4 | Mahmoudian M., and Ziai SA. | Effects of trypan blue on the action of adrenergic agonists in the guinea-pig isolated atrium | 1998 | Indian Journal of Physiology and Pharmacology | 42 | 15-19 |
| 5 | Ziai SA., Sadeghian T., Soltani-arabshahi SK., and Mahmoudian M. | Determination of angiotensin converting enzyme (ACE) activity in healthy Iranian population: relationship to paraclinical parameters and cigarette smoking | 1999 | Research Communications in Alcohol and Substances of Abuse | 20 | 99-109 |
| 6 | Mireskandari L., Ziai SA., Salehian P., Noormohammadi I., and Mahmoudian M. | Serum ascorbic acid, Vitamin A and b-carotene levels in Iranian cancer patients | 1999 | Archives of Iranian Medicine | 2 | 195-197 |
| 7 | Ziai SA., Seyedhosseini D., Taiebi L., Salekmoghadam E., and Mahmoudian M. | Correlation between ACE activity and mean blood pressure in Iranian normotensive subjects after oral administration of a single dose of enalapril | 2000 | Acta Physiologica Hungrica | 87 | 153-159 |
| 8 | Ziai SA. | An introduction to Apoptosis | 2001 | Tashkhis Azmayeshgahi | 14 | 38-42 |
| 9 | Ziai SA., Mooraki A., and Mahmoudian M. | Gentamicin reduces serum ACE activity in normal kidney function patients | 2002 | Am. J. Nephrol. | 22 | 487-490 |
| 10 | Ziai SA., Mahmoudian M. and Salehian P. | Study of relationship between toxicity of gentamicin and activity of serum and tissues angiotensin converting enzyme rat. | 2002 | Journal of Iran University of Medical Sciences | 9(28) | 75-88 |

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|----|---|---|------|--|------|---------|
| 11 | Ziai SA. | Traditional herbal medicine | 2002 | Iranian Journal of Medicinal Plants | 1 | 43-51 |
| 12 | Blourchi SM., Ziai SA. | CRP: Main predictor of cardiovascular disease | 2002 | Newsletter of Iranian association of clinical laboratory doctors | 12 | 4-5 |
| 13 | Ziai SA., Eshraghi SS., Taghizadeh M., Vahabzadeh F. | Garden radish (<i>Raphanus sativus</i> L.) peroxidase in the detoxication of hazardous aromatic wastes. | 2003 | Iranian Journal of Medicinal Plants | 5 | 65-70 |
| 14 | Sharifi AM., Akbarloo N., Heshmatian B., Ziai A. | Alteration of local ACE activity and vascular responsiveness during development of 2K1C renovascular hypertension | 2003 | Pharmacological research | 1091 | 1-9 |
| 15 | Ziai SA., Salehian P. and Mahmoudian M. | Study of serum and tissues angiotensin converting enzyme (ACE) activity in rat with gentamicin induced renal toxicity | 2003 | Renal Failure | 25 | 923-933 |
| 16 | Mahmoudian M, Siadatpour Z, Ziai SA, Mehrpour M, Benaissa F, Nobakht M. | Reduction of the prenatal hypoxic-ischemic brain edema with noscapine. | 2003 | Acta Physiol Hung. | 90 | 313-8 |
| 17 | Naghdibadi H, Dastpak A, Ziai SA | A review of psyllium plant | 2004 | Iranian Journal of Medicinal Plants | 9 | 1-15 |
| 18 | Ziai SA, Mahmoudian M, Keshavarz B, Poorhosseini L, Dastpak A, Ebrahimi A, Farahani A | Study of angiotensin converting enzyme (ACE) inhibitory effects of main <i>papaver spp.</i> alkaloids | 2004 | Iranian Journal of Medicinal Plants | 9 | 23-35 |
| 19 | Naghdibadi H, Ziai SA, Mirjalili MH, Ahvazi M, Khalighi F, Habibi B, Farahani A | Variation in quantitative yield and hypericin content of St Johns Wort <i>Hypericum perforatum</i> L. | 2004 | Iranian Journal of Medicinal Plants | 11 | 59-68 |

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|----|--|---|------|-------------------------------------|----------|---------|
| 20 | Ziai SA, Larijani B, Fakhrzadeh H, Dastpak A, Bandarian F, Rezai A, Naghdibadi H | Study of psyllium (<i>Plantago ovata</i> L.) effects on diabetes and lipidemia in the Iranian type II diabetic patients. | 2004 | Iranian Journal of Medicinal Plants | 12 | 41-51 |
| 21 | Ziai SA, Salehian P. and Mahmoudian M. | Heart Angiotensin Converting Enzyme (ACE) Activity Increased after Intraperitoneal Bleomycin Administration in Rat | 2004 | Experimental Lung Research | 30 | 97-104 |
| 22 | Sadighi J, Maftoon F, Ziai SA | Herbal medicine: Knowledge, attitude and practice in Tehran | 2005 | Iranian Journal of Medicinal Plants | 13 | 60 |
| 23 | Baghalian K, Ziai SA, Naghavi MR, Naghdi Badi H | Pre-planting evaluation of allicin content and botanical traits in Iranian garlic (<i>Allium sativum</i> L.) ecotypes | 2005 | Iranian Journal of Medicinal Plants | 13 | 50 |
| 24 | Ziai SA, Dastpak A, Naghdi Badi H, Poorhoseini L, Hemati AR, Gharavi naene M | Review on <i>Cynara scolymus</i> L. | 2005 | Iranian Journal of Medicinal Plants | 13 | 1 |
| 25 | Ziai SA, Fallah Huseini H, Rajabian T, Poorhoseini L, Naghdi Badi H, Rezazadeh S | Study of the different Solvents on Silymarin extraction from milk thistle | 2006 | Iranian Journal of Medicinal Plants | Suppl. 1 | 7 |
| 26 | Hasanloo T, Khavari-Negad R, Majidi E, Ziai SA, Shams-Ardekani MR | Determination of flavonolignans of dried fruits of <i>Silybum marianum</i> (L.) Gaertn. collected from different areas of Iran by spectrophotometry, TLC and HPLC | 2006 | Iranian Journal of Medicinal Plants | Suppl. 1 | 25 |
| 27 | Naghdi Badi H, Amin G, Makkizadeh M, Ziai SA | St. John's wort (<i>Hypericum perforatum</i> L.): A Review | 2006 | Iranian Journal of Medicinal Plants | 16 | 1 |
| 28 | Baghalian K, Ziai SA, Naghavi MR, Naghdibadi H, Khalighi A | Evaluation of allicin content and botanical traits in Iranian garlic (<i>Allium sativum</i> L.) ecotypes | 2005 | Scientia Horticulturae | 103 | 155-166 |

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|----|---|--|------|--|----------|-----------|
| 29 | Ziai SA, Larijani B, Akhondzadeh S, Fakhrzadeh H, Dostpak A, Bandarian F, Rezai A, Naghdibadi H, Emiami T | Psyllium decreased serum glucose and glycosylated hemoglobin significantly in diabetic outpatients | 2005 | Journal of Ethnopharmacology | 102 | 202-207 |
| 30 | Baghalian K, Naghavi M, Ziai SA, Naghdi-badil H. | Post-planting evaluation of morphological characters and allicin content in Iranian garlic (<i>Allium sativum</i> L.) ecotypes | 2006 | Scientia Horticulturae | 107 | 405 |
| 31 | Ziai SA, Rezazadeh Sh, Dastpak A, Shabestari A, Taghizadeh M, Naghdibadi HA, Poorhoseini L. | Study of the ACE Inhibitory Effect of Medicinal Plants Used in Iranian Folk-Medicine as Antihypertensive Remedy | 2006 | Iranian Journal of Medicinal Plants | 20 | 53-74 |
| 32 | Ziai SA, Hamkar R, Monavari HR, Norooz-Babaei Z, Adibi L. | Antiviral effect assay of twenty five species of various medicinal plants families in Iran | 2007 | Iranian Journal of Medicinal Plants | Suppl. 1 | 1-9 |
| 33 | Shokrpour M, Moghadam M, Mohammadi SA, Ziai SA, Javanshir A. | Genetic properties of milk thistle ecotypes from Iran for morphological and flavolignans characters | 2007 | Pakistan Journal of Biological Sciences | 10(19) | 3266-3277 |
| 34 | Shokrpour M, Moghadam M, Mohammadi SA, Ziai SA, Javanshir A. | Variation in Flavonolignan Concentration of Milk Thistle (<i>Silybum marianum</i>) Fruits Grown in Iran | 2008 | Journal of Herbs, Spices & Medicinal Plants | 13(4) | 55-69 |
| 35 | Ziai SA, Heidari MR, Amin GH, Koochmeshki A, Heidari M. | Inhibitory effect of germinal angiotensin converting enzyme by medicinal plants used in Iranian traditional medicine as antihypertensive | 2008 | Journal of kerman University of Medical Sciences | 16(2) | 134-143 |
| 36 | Pourjabar A, Mohammadi SA, Khosroshahli M, Motalebi AR, Ziai SA | Optimization of in vitro culture of milk thistle (<i>silybum marianum</i> L.) and analysis of somaclonal variation by RAPD markers | 2008 | Agriculture Science Journal | 19(2) | 95-109 |
| 37 | Saadat H, Ziai SA, Nasri S, Sakenshaft M, Ansarian A | Study of the correlation between ACE gene polymorphism and coronary artery disease | 2010 | Physiology and Pharmacology | 13(4) | 362-370 |

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|----|---|---|------|---|------------|---------|
| 38 | Fallah Huseini H, Zareei Mahmoudabady A, Ziai SA, Mehrasma M, Alavian SM, Kianbakht S, Mehdizadeh M | The Effects of Taraxacum officinale L. and Berberis vulgaris L. Root Extracts on Carbon Tetrachloride Induced Liver Toxicity in Rats | 2010 | Iranian Journal of Medicinal Plants | 9 Suppl. 6 | 45-52 |
| 39 | ZiaiSa, Salar F, Nasri S, Roughani M, Kamalinejad M | Neuroprotective Effect of Aqueous Extract of Berberis vulgaris L. in a Model of Parkinson's Disease in Rat | 2010 | Iranian Journal of Medicinal Plants | 36 | 24-33 |
| 40 | Sharifian M, Esmaili-zand R, Ziai SA, AhmadiM, Karimi A, Dadkhah M | Urinary adrenomedullin level in children with acute pyelonephritis and its comparison with healthy children | 2010 | Daneshvar | 89 | 1-9 |
| 41 | MORADGANJEH A, ZIAI SA, SOHRABI HAGHDOOST I, ROGHANI M | Protective effect of petroselinum hortense hoffm on experimental model of parkinson's disease in rats: behavioral and histopathological evidences | 2011 | JOURNAL OF VETERINARY CLINICAL RESEARCH | 2 | 203-223 |
| 42 | Hasani SA, Ziai SA, Mehrpour M, Amiri M, Motamed MR | Acute phase reactants as a prognostic factor in acute stroke | 2011 | Basic and clinical neuroscience | 3 | 31-5 |
| 43 | Ziai SA, Gholami O, Iranshahi M, Zarnani AH, Jeddi Tehrani M | Umbelliprenin induces apoptosis in the CLL cell lines | 2012 | Iranian Journal of Pharmaceutical Research | 11 | 653-9 |
| 44 | Riazi Z, Ziai SA, Shariat SM, Farshchi P, Khalili F | Optimization of garden radish (raphanus sativus L.) peroxidase enzyme for removal of 2,4-dichlorophenol from 2,4-dichlorophenoxyacetic acid waste water | 2012 | International Journal of Environmental Research | 6 | 519-30 |
| 45 | Saadat H, Ziai SA, Ghanemnia M, Namazi MH, Safi M, Vakili H, Dabbagh A, Gholami O | Opium Addiction Increases Interleukin 1 Receptor Antagonist (IL-1Ra) in the Coronary Artery Disease Patients | 2012 | PLOS ONE | 7 | E44939 |

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|----|--|--|------|--|---------|----------------------------------|
| 46 | Azita Kouchmeshky, Seyed Behnamedin Jameie, Gholamreza Amin, Seyed Ali Ziai | Investigation of Angiotensin-Converting Enzyme Inhibitory Effects of Medicinal Plants Used in Traditional Persian Medicine for Treatment of Hypertension: Screening Study | 2012 | Thrita Student Journal of Medical Sciences | 1(1) | 13-23 |
| 47 | Mostafa Sharifian, Rana Esmaeli Zand, Mitra Ahmadi, Seyyed Ali Ziaee, Masoomeh Mohkam, Reza Dalirani, Nasrin Esfandiar | Urinary Adrenomedullin Level in Children With Acute Pyelonephritis Before and After Treatment | 2013 | Iranian Journal of Kidney Diseases | 7(4) | 217-281 |
| 48 | Sharifi N, Sour E, Ziai SA, Amin G, Amini M, Amanlou M | Isolation, Identification and Molecular Docking Studies of a New Isolated Compound, from <i>Onopordonacanthium</i> : A Novel Angiotensin Converting Enzyme (ACE) inhibitor | 2013 | Journal of Ethnopharmacology | 148 | 934-9 |
| 49 | Gholami O, Jeddi-Tehrani M, Iranshahi M, Zarnani AH, Ziai SA | Umbelliprenin from <i>Ferula szowitsiana</i> Activates both Intrinsic and Extrinsic Pathways of Apoptosis in Jurkat T-CLL Cell Line | 2013 | Iranian Journal of Pharmaceutical Research | 12 | 371-376 |
| 50 | Mansour Shakerian, Seyed Hadi Razavi, Seyed Ali Ziai, Faramarz Khodaiyan, Mohammad Saeid Yarmand, Ali Moayedi | Proteolytic and ACE-inhibitory activities of probiotic yogurt containing non-viable bacteria as affected by different levels of fat, inulin and starter culture | 2013 | Journal of Food Science Technology | Nov. 10 | DOI 10.1007/s13197-013-1202-9 |
| 51 | Moradganjeh A, Ziai SA, Roghani M | Losartan pretreatment reduces neurodegeneration and behavioral symptoms in 6-hydroxydopamine induced unilateral rat model of Parkinson's disease | 2013 | Pathophysiology | 20 | 243-248 |
| 52 | Sharifi N, Sour E, Ziai SA, Amin G, Amini M, Amanlou M | Discovery of new angiotensin converting enzyme (ACE) inhibitors from medicinal plants to treat hypertension using an in vitro assay | 2013 | DARU Journal of Pharmaceutical Sciences | 21 | 74 |

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|----|---|--|------|--|-------|---------------------------------------|
| 53 | Shakerian M, Razavi SH, Khodaiyan F, Ziai SA, Yarmand MS, Moayedi A | Effect of different levels of fat and inulin on the microbial growth and metabolites in probiotic yogurt containing nonviable bacteria | 2014 | International Journal of Food Science and Technology | 49 | 261-268 |
| 54 | Omid Gholami, Mahmood Jeddi-Tehrani, Mehrdad Iranshahi, Amir Hassan Zarnani, Seyed Ali Ziai | Mcl-1 Is Up Regulated by Prenylated Coumarin, Umbelliprenin in Jurkat Cells | 2014 | Iranian Journal of Pharmaceutical Research | 13(4) | 1385-1390 |
| 55 | Maryam Rezaei, Sima Nasri, Mehrdad Roughani, Zeinab Niknami, Seyed Ali Ziai | Peganum Harmala L. Extract Reduces Oxidative Stress and Improves Symptoms in 6-Hydroxydopamine-Induced Parkinson's disease in Rats | 2016 | Iranian Journal of Pharmaceutical Research | 15(1) | 275-281 |
| 56 | Mohsen Rashidi, Seyed Ali Ziai, Taraneh Moini Zanjani, Ahad Khalilnezhad, Hamidreza Jamshidi, Davar Amani | Umbelliprenin is Potentially Toxic against the HT29, CT26, MCF-7, 4T1, A172, and GL26 Cell Lines, Potentially Harmful Against Bone Marrow-Derived Stem Cells, and Non-Toxic against Peripheral Blood Mononuclear Cells | 2016 | Iran Red Crescent Medical Journal | 18(7) | e35167 doi: 10.5812/ircmj.35167 |
| 57 | Mohsen Rashidi, Alireza Ahmadzadeh, Seyed Ali Ziai, Mahsa Narenji, Hamidreza Jamshidi | Evaluating cytotoxic effect of nanoliposomes encapsulated with umbelliprenin on 4T1 cell line | 2017 | In vitro cellular & developmental biology. Animal | 53(1) | 7-11 |
| 58 | Ashkan Zandi, Taraneh Moini Zanjani, Seyed Ali Ziai, Yalda Khazaei Poul, Mostafa Haji Molla Hoseini | The Synergistic Effects of the Combination of Ciprofloxacin and Temozolomide on Human Glioblastoma A-172 Cell Line | 2017 | Middle East Journal of Cancer | 8(1) | 31-38 |
| 59 | Ashkan Zandi, Taraneh Moini Zanjani, Seyed Ali Ziai, Yalda Khazaei Poul, Mostafa Haji Molla Hoseini | Evaluation of the Cytotoxic Effects of Ciprofloxacin on Human Glioblastoma A-172 Cell Line | 2017 | Middle East Journal of Cancer | 8(3) | 119-126 |

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|----|--|--|------|---|---------|-----------|
| 60 | Seyed Ali Ziai, Ali Moradganjeh | Effects of aqueous extract of parsley on prevention of nerve cells peroxidation in an experimental model of Parkinson's disease induced by 6-hydroxy dopamine in male rats | 2017 | Research on Medicine | 41(1) | 17-23 |
| 61 | Seyed Ali Ziai ¹ , Zeynab Niknami, Sima Nasri, Mehrdad Roghani | Protective Effects of Water Extract of Morus Nigra L. on 6-Hydroxydopamine Induced Parkinson's disease in Male Rats | 2018 | Novelty in Biomedicine | 1 | 43-50 |
| 62 | Mohamad Naderi Alizadeha, Mohsen Rashidi ^b , Ahad Muhammadnejadd, Taraneh Moeini Zanjania and Seyed Ali Ziai | Antitumor Effects of Umbelliprenin in a Mouse Model of Colorectal Cancer | 2018 | Iranian Journal of Pharmaceutical Research | 17(3) | 976-985 |
| 63 | Mohsen Rashidi, Ahad Khalilnezhad, Davar Amani, Hamidreza Jamshidi, Ahad Muhammadnejad, Ali Bazi, Seyed Ali Ziai | Umbelliprenin shows antitumor, antiangiogenesis, antimetastatic, anti-inflammatory, and immunostimulatory activities in 4T1 tumor-bearing Balb/c mice | 2018 | Journal of cell Physiology | 233(11) | 8908-8918 |
| 64 | Keshvad Hedayatyanfard, Seyed Ali Ziai, Feizollah Niazi, Iman Habibi, Behnam Habibi, and Hamideh Moravvej | Losartan ointment relieves hypertrophic scars and keloid: A pilot study | 2018 | Wound Repair and Regeneration | | |
| 65 | Feizollah Niazi, Seyed Hassan Hooshyar, Keshvad Hedayatyanfard, Seyed Ali Ziai, Farideh Doroodgar, Sana Niazi, Behnam Habibi, and Ali Asadirad | Detection of Angiotensin II and AT1 Receptor Concentrations in Keloid and Hypertrophic Scar | 2018 | Journal of clinical and Aesthetic Dermatology | 11(10) | 36-39 |

B. Books:

| Authors | Title | Year | Publisher | ISBN | Keywords |
|---|--|------|--|-------------------|----------|
| Ziai SA (translation) | What you need to know about therapeutic drug monitoring | 2004 | National Research Center of Medical Sciences | 964-06-4336-3 | |
| Ziai SA, Mesgarpour B, Shabestari A. | Evidence based contraindications and drug interactions of medicinal plants | 2005 | Teimoorzadeh | | |
| Ziai SA | Psyllium chapter in Handbook of Fiber Ingredients By Susan Cho | 2009 | CRC press | | |
| Ziai SA, Asgharbeik N, Mohamadipour M, Ghazanfari G (translation) | Notes and cases in pharmacology | 2009 | Jamehnegar | 978-600-101-025-5 | |

C. Abstracts:

| No | Authors | Title | Year | Place |
|----|--|--|------|---|
| 1 | Mahmoudian M., and Ziai SA. | Effect of trypan blue,a receptor G-protein uncoupling agent, on the action of agonists in the guinea-pig isolated atrium | 1995 | The 12 th Iranian congress of physiology and pharmacology Nov. 6-9, Iran University of Medical Sciences |
| 2 | Ziai SA., and Mahmoudian M. | Effects of sodium fluoride and aluminum fluoride on the guinea-pig isolated atrium | 1997 | The 13 th Iranian congress of physiology and pharmacology Aug. 25-28, Isfahan University of Medical Sciences |
| 3 | Ziai SA., Sadeghian T., Soltani-arabshahi SK., and Mahmoudian M. | Determination of ACE activity with an HPLC method | | The 13 th Iranian congress of physiology and pharmacology Aug. 25-28, Isfahan University of Medical Sciences |

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| 4 | Seyed-hoseiny D., Ziai SA., Tayebi L., Salekmoghadam E., and Mahmoudian M. | Bioequivalence study of two enalapril tablet formulations by measuring the degree of ACE inhibition with an HPLC method | 1998 | The 6 th congress of pharmaceutical sciences of Iran. Aug 26-27. Isfahan University of Medical Sciences |
| 5 | Seyed-hoseiny D., Seyede-hoseiny M., Ziai SA., Tayebi L., Salekmoghadam E., and Mahmoudian M. | Bioequivalence study of two enalapril tablet formulations by measuring the degree of ACE inhibition with an HPLC method | 1998 | <i>3rd international student congress of medical sciences. Sep 15-18, Izmir, Turkey</i> |
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| 26 | Rashidi M, Moini Zanjani T, Khalilnezhad A, Khazaei Poul Y, Ziai SA | Umbelliprenin shows cytotoxic /inhibitory activity against the breast cancer 4T1 cell line in vitro | 2015 | 22th Iranian Congress of Physiology and Pharmacology, Kashan |
| 27 | Rashidi M, Khalilnezhad A, Amani D, Jamshidi HR, Ziai SA | Inhibitory activities of Umbelliprenin against human HT29 and mouse CT26 colon carcinoma cell lines | 2015 | The 2 nd International GI Cancer Congress, Tehran |
| 28 | Zandi A, Moini Zanjani T, Ziai SA, HajMolaHoseini M, Khazaei Poul Y | The synergistic effects of combination of ciprofloxacin temozolomide on human glioblastoma A-172 cell line | | The 1 st International Clinical Oncology Congress |
| 29 | Habibi I, Hedayatianfard K, Ziai SA, Bagheri-Khoulenjani S, Habibi B | The fabrication of a nano fiber wound dressing for diabetic wound healing | 2017 | 16th European Dermatology Congress, Milan, Italy |

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| 30 | Hedayatianfard K, Ziai SA, Niazi F, Habibi I, Habibi B, Moravvej H | Losartan ointment relieves hypertrophic scars and keloid: A pilot study | 2017 | 16th European Dermatology Congress, Milan, Italy |
| 31 | Atabakhshian R, Ziai SA, Yaghmaie B, Salami S, Moini Zanjani T, Rezaie M | Assessment of Cytotoxic Effect of Umbelliprenin and Auraptene on Breast Cancer Cell Line, MDA-MB-468 | 2018 | 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Chahbahar |
| 32 | Mahmoodi Khatonabadi S, Ziai SA, Yaghmaie B, Salami S, Moini Zanjani T, Rezaie M | Cytotoxic effects of Umbelliprenin and Auraptene on MDA-MB-231 and T47D breast cancer cell lines | 2018 | 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Chahbahar |
| 33 | Jalali A, Ziai SA, HajMolaHoseini M, Rezaie M | Comparison of cytotoxic effects of Auraptene and Umbelliprenin on HT29 and THP1 cell lines | 2018 | 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Chahbahar |
| 34 | Rashidi M, Bazi A, Amani D, Jamshidi HR, Ziai SA | The effects of Umbelliprenin in Th1/Th2 immune response balance and expression of some tumor progression markers in 4T1 Tumor-bearing Balb/c Mice | 2018 | 2nd International and 23rd Iranian Congress of Physiology and Pharmacology, Chahbahar |

Conference Presentations:

| Subject | Place | Year |
|--|---|-------------------------------|
| Medicinal Plants in Medicine and Pharmacy | Imam Khomeiney Hospital, Tehran | January 15 th 2001 |
| Artemisinin in the treatment of malaria | Imam Khomeiney Hospital, Tehran | January 16 th 2001 |
| Pharmacodynamics in drug therapy | Shahrood University of Medical Sciences | July 10 th 2001 |
| Contraindications of medicinal plants | Iranian Medical Council | February 7 th 2002 |
| Medicinal Plants in Pharmaceutical companies | Imam Khomeiney Hospital, Tehran | January 23 rd 2003 |
| Pathophysiology of hypertension | Lorestan University of Medical Sciences | March 4 th 2003 |
| Drug therapy of hypertension | Lorestan University of Medical Sciences | March 4 th 2003 |
| Traditional medicine and herbal medicine | Lorestan University of Medical Sciences | March 5 th 2003 |
| The value of therapeutic drug monitoring | Lorestan University of Medical Sciences | March 6 th 2003 |

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| Principles of drug interaction | Lorestan University of Medical Sciences | March 6 th 2003 |
| Garden radish (<i>Raphanus sativus L.</i>) peroxidase in the detoxication of hazardous aromatic wastes | The 3 rd National congress of Biotechnology | September 10 th 2003 |
| Medicinal Plants in 21 st century | Lorestan's Medicinal plants and herbal medicine conference | February 19 th 2004 |
| Medicinal plants in the treatment of cardiovascular disease | Imam Khomeiney Hospital, Tehran | Jan 5 th 2005 |
| Hypertension: Cause and treatment | Imam Khomeiney Hospital, Tehran | Jan 5 th 2005 |
| Herbal Medicines | Hospital of oil Co. Karadj | Jan 26 th 2005 |
| New natural products | Hospital of oil Co. Karadj | Jan 26 th 2005 |
| Medicinal plants in drug discovery | The 2 nd symposium of medicinal plants Shahed University | Jan 27 th 2005 |
| Medicinal plants in the treatment of cardiovascular disease | Imam Khomeiney Hospital, Tehran | March 6 th 2005 |
| Hypertension: Cause and treatment | Imam Khomeiney Hospital, Tehran | March 6 th 2005 |
| Study of antibiotic resistance in Iran | Mofid Hospital, Tehran | May 26 th 2010 |
| Antibiotic application in ophthalmic disease | Imam Hosein Hospital, Tehran | Jan 6 th 2011 |
| Biologic effects of medicinal plants | Iranian committee of medicinal plants research centers network | Dec. 13 th 2012 |
| Anxiolytics Drugs | 13 th seasonal scientific program of Iranian GP Association | Oct. 25 th 2018 |

Research Interests:

| Interest Item |
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| Renin Angiotencin system in health and disease (ACE) |
| Natural products |