

# Curriculum vitae

## Daryoush Hamidi Alamdari



### Career Overview / Objective / Personal Profile

#### Job Experiences

استادیار گروه بیوشیمی و مرکز تحقیقات بیوشیمی و تغذیه دانشگاه علوم پزشکی مشهد از سال ۸۸ تا کنون

معاون پژوهشی گروه بیوشیمی از سال ۸۸ تا کنون

معاون پژوهشی ستاد سلولهای بنیادی دانشگاه از سال ۹۰ تا ۹۲

مسئول آزمایشگاه تحقیقاتی سلولهای بنیادی دانشکده پزشکی از سال ۸۷ تا کنون

راه اندازی کلینیک فیبرین گلو در دانشگاه در سال ۹۲

راه اندازی آزمایشگاه تحقیقاتی سلولهای بنیادی دانشکده پزشکی در سال ۸۷

راه اندازی چهار روش درمانی برای بیماران صعب العلاج برای اولین بار (شیلوتوراکس - زخمها - فیستولها و زیکوواژینال - فستولهای پری آنال)

همکاری با بخشهای جراحی بیمارستانها برای درمان بیماران از سال ۸۸ تا کنون

تدریس به دانشجویان پزشکی دندانپزشکی پیراپزشکی از سال ۸۷ تا کنون

مدیر داخلی آزمایشگاه سلولهای بنیادی خون بند ناف بیوهلنیکا در یونان از سال ۸۴ تا ۸۷

کارمند علمی انستیتو پاستور ایران از سال ۷۶ تا سال ۸۲

کارمند علمی آزمایشگاه پاتوبیولوژی نور در تهران از سال ۷۹ تا سال ۸۲

#### Education:

● 2003- 2008 PhD in Clinical Biochemistry, Department of Biological Chemistry, Medical School, Aristotle University of Thessaloniki, Thessaloniki, Greece. *obtained qualification:* Excellent

● 1994 -1997 Master of Science: Biochemistry, Biochemistry Dept., and Faculty of Medical Science, Tarbiat Modarres University, and Tehran, Iran. *obtained qualification:* 16.19 (from 20)

● 1988-1993 Bachelor of Science: Chemistry, Chemistry Dept., Faculty of Science, Shiraz University, Shiraz, Iran. *obtained qualification:* 16.02 (from 20)

#### List of Patents:

● MEASUREMENT OF THE OXIDANTS-ANTIOXIDANTS BALANCE IN LIQUIDS (WO/2007/113600) (International Patent) US Patent: 20090123956A1 May 14, 2009.

● MEASUREMENT OF THE TOTAL ANTIOXIDANT CAPACITY IN LIQUIDS AND SOLUTIONS USING TMB (WO/2007/039775) (Patented in Greece)

#### List of Publications

Number of publications: 38

H-index: 11

Sum of Impact factors from 2005-2014: 50.589

Total Number of Citations: 461

Please see this link about Total Number of Citations:

<http://scholar.google.com/citations?user=c9UHHxcAAAAJ&hl=en>

| No | Title                                                                                                                     | Authors                                                                                                                                                                                                         | Publisher                                        | Date                                        | Impact factor | Corresponding Author |
|----|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------|---------------|----------------------|
| 1. | Pro-oxidant- Antioxidant Balance (PAB) in Rheumatoid Arthritis and its Relationship to Disease Activity.                  | Sahebari M, Shakeri F, Azadi HG, Arjmand MH, Ghayour-Mobarhan M, Parizadeh MR, Alamdari DH                                                                                                                      | Curr Rheumatol Rev.                              | 2015 May 21                                 |               | *                    |
| 2. | A Glance at Methods for Cleft Palate Repair                                                                               | Sima Tavakolinejad ; Alireza Ebrahimzadeh Bidskan ; Hami Ashraf ; and Daryoush Hamidi Alamdari                                                                                                                  | Iranian Red Crescent Medical Journal             | 2014 September; 16(9): e15393.              | <b>0.504</b>  | *                    |
| 3. | The effect of human platelet-rich plasma on adipose-derived stem cell proliferation and osteogenic differentiation.       | Tavakolinejad S, Khosravi M, Mashkani B, Ebrahimzadeh Bidskan A, Sanjar Mossavi N, Parizadeh MR, <b>Hamidi Alamdari D.</b>                                                                                      | Iran Biomed J                                    | . 2014 Jul;18(3):151-7.                     | <b>0.03</b>   | *                    |
| 4. | Prooxidant-antioxidant balance in umbilical cord blood of infants with meconium stained of amniotic fluid.                | Arjmand MH, Ahmad Shah F, Saleh Moghadam M, Tara F, Jalili A, Mosavi Bazaz M, <b>Hamidi Alamdari D.</b>                                                                                                         | Biochem Res Int..                                | 2013;2013:270 545                           |               | *                    |
| 5. | Prooxidant-antioxidant balance in patients with traumatic brain injury                                                    | Ehsaei M1, Khajavi M, Arjmand MH, Abuee MA, Ghayour-Mobarhan M, <b>Hamidi Alamdari D.</b>                                                                                                                       | Acta Neurol Belg.                                | 2014 Jul 16                                 | <b>0.598</b>  | *                    |
| 6. | THERAPEUTIC POTENTIAL OF PLATELET-RICH-PLASMA AND STEM CELLS ON CLEFT PALATE, A MORPHOMETRIC STUDY                        | Sima Tavakolinejad , Daryoush Hamidi Alamdari , Saeedeh Khajehahmadi , Elnaz Khordad                                                                                                                            | International Journal of Current Life Sciences - | 2014Vol.4, Issue, 8, pp. 4174-4178, August, | <b>0.570</b>  |                      |
| 7. | Cleft palate reconstruction by platelet-rich-plasma and stem cell injection: Histological evidences                       | Sima Tavakolinejad, Daryoush Hamidi Alamdari, Saeedeh Khajehahmadi, Elnaz Khordad, Alireza Ebrahimzadeh-bidskan                                                                                                 | J. Cell Anim. Biol.                              | 2014 Vol.8(7), pp. 114-123 , July           |               |                      |
| 8. | Treatment of life-threatening wounds with combination of allogenic platelets-rich plasma, fibrin glue and collagen matrix | Mehdi Asadi , <b>Daryoush Hamidi Alamdari</b> , Mohammad Esmail Khayamy,Mohsen Aliakbarian, Ali Jangjoo, Abbas Abdollahi ,Mostafa Mehrabi Bahar, Ali Azadmand, Naser Forghani, Mohammad Nori Sadegh, Hamid Reza | Experimental and Therapeutic Medicine            | Nat Commun. 2014 Jul 30;5:4470              | <b>0.344</b>  | *                    |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------|--------------|---|
|     |                                                                                                                                                                | Rahimi,Alexander M. Seifalian                                                                                                                                                                |                                       |                                             |              |   |
| 9.  | Treatment of complicated wounds after open heart surgery with allogenic platelet-rich plasma and fibrin glue                                                   | Mohammad Abbasi Tashnizi, Mohammad Esmail Khayamy, <b>Daryoush Hamidi Alamdari</b> , Aliasghar Moeinipour, Mohammad Nori Sadeggh, Hamid Reza Rahimi, Ahmad Amouzeshi, Alexander M. Seifalian | Indian Journal of Plastic Surgery     | Indian J Plast Surg. 2013 Sep;46(3):538-42. |              | * |
| 10. | A Novel Treatment for Urethrovaginal Fistula: Autologous Platelet-Rich–Plasma Injection and Platelet-Rich–Fibrin-Glue Interposition                            | Maliheh Keshvari Shirvan, <b>Daryoush Hamidi Alamdar</b> , Alireza Ghorifi, and Hamid Reza Rahimi.                                                                                           | Journal of Gynecologic Surgery.       | 2013 October 29(5): 268-270                 | <b>0.753</b> | * |
| 11. | Lateral Traumatic Esophago-Cutaneous fistula in a Child; Platelet-Rich Fibrin Glue Challenge                                                                   | Marjan Joudi, <b>Daryoush Hamidi Alamdari</b> , , Mehran Hyradfar, Hamid Reza Rahimi, Elena Saremi, Mahdi Fathi, Reza Shojaeian, and George Koliakos                                         | Iranian Red Crescent Medical Journal. | 2013 Mar;15(3):256-9.                       | <b>0.371</b> | * |
| 12. | A Novel Method For Iatrogenic Vesicovaginal Fistula Treatment: Autologous Platelet-Rich-Plasma Injection And Platelet-Rich-Fibrin-Glue Interposition           | Shirvan MK, <b>Alamdari DH</b> , Ghoreifi A                                                                                                                                                  | Journal of urology                    | 2013 Jun;189(6):212 5-9.                    | <b>۳,۹۱۴</b> | * |
| 13. | A novel cell therapy for stress urinary incontinence, short-term outcome                                                                                       | Shirvan MK, <b>Alamdari DH</b> , Mahboub MD, Ghanadi A, Rahimi HR, Seifalian AM.                                                                                                             | Neurol Urodyn.                        | 2013 Apr;32(4):377-82.                      | <b>2.674</b> | * |
| 14. | Oxidative and anti-oxidative pathways might contribute to Thromboangiitis Obliterans pathophysiology                                                           | <b>Alamdari DH</b> , Ravari H, Tavallaie S, Fazeli B.                                                                                                                                        | Vascular Journal                      | 2013 Mar 21.                                | <b>۰,۹۹۹</b> |   |
| 15. | Successful Treatment of Congenital Chyloperitoneum with Platelet-Rich Fibrin Glue                                                                              | Joudi M, <b>Alamdari DH</b> , Rahimi HR.                                                                                                                                                     | IRANIAN JOURNAL OF PEDIATRIC S        | 2013 Jun;23(3):357-9.                       | <b>۰,۲۹۳</b> | * |
| 16. | Prooxidant-Antioxidant Balance in Perinatal Asphyxia.                                                                                                          | Boskabadi H, Navaee Boroujeni A, Mostafavi-Toroghi H, Hosseini G, Ghayour-Mobarhan M, <b>Hamidi Alamdari D</b> , Biranvandi M, Saber H, Ferns GA.                                            | Indian J Pediatr.                     | 2013 Oct 22. [Epub ahead of print]          | <b>0.52</b>  |   |
| 17. | Intravenous administration of human umbilical cord blood- mononuclear cells dose-dependently relieve neurologic deficits in rat intracerebral hemorrhage model | Seghatoleslam M, Jalali M, Nikravesh MR, <b>Hamidi Alamdari D</b> , Hosseini M, Fazel A                                                                                                      | Annals of Anatomy                     | 2013 Jan;195(1):39-49.                      | <b>1.649</b> |   |
| 18. | Optimal incubating time of in vitro bromodeoxyuridine labeling of human umbilical cord blood- mononuclear cells                                                | Masoumeh Seghatoleslam, Mehdi Jalali, <b>Daryoush Hamidi Alamdari</b> , Mohammad Reza Nikravesh, Mahmoud Hoseini, Alireza Fazel, George Koliakos.                                            | Journal of Cell and Animal Biology    | 2012: 6(9); 144-153                         |              | * |
| 19. | Therapeutic benefit of intravenous administration of human umbilical cord                                                                                      | Masoumeh Seghatoleslam, Mehdi Jalali, Mohammad Reza                                                                                                                                          | Iranian Journal of                    | 2012 May;15(3):860                          | <b>0.243</b> |   |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------|-------|---|
|     | blood- mononuclear cells following intracerebral hemorrhage in rat                                                                       | Nikravesht, Mahmoud Hosseini, <b>Daryoush Hamidi Alamdari</b> , Alireza Fazel.                                                                                                                                                        | Basic Medical Sciences                          | -72.                                              |       |   |
| 20. | Therapeutic potential of cord blood stem cell in brain damage of an animal model                                                         | Jalali M., Ghafaripoor H.A., Nikravesht M.R., <b>Hamidi Alamdari D.</b> , Sanchooli J., Seghatoleslam M.                                                                                                                              | Journal of Iranian Anatomical Sciences          | 2011: 9(36); 191-202.                             |       |   |
| 21. | Therapeutic Potential of Umbilical Cord Blood Stem Cells on Brain Damage of a Model of Stroke.                                           | Mohammad Reza Nikravesht, Mehdi Jalali, Hossein Ali Ghafaripoor, Javad Sanchooli, <b>Daryoush Hamidi</b> , shabnam Mohammadi, Masoomeh Seghatoleslam                                                                                  | Journal of Cardiovascular and Thoracic Research | 2011: 3(4); 121-126.                              |       |   |
| 22. | Treatment of non-healing wounds with autologous bone marrow cells, platelets, fibrin glue and collagen matrix                            | Ravari H, <b>Hamidi-Almadari D</b> , Salimifar M, Bonakdaran S, Parizadeh MR, Koliakos G.                                                                                                                                             | Cytotherapy                                     | 2011 Jul;13(6):705-11.Epub                        | 3.55  | * |
| 23. | Prooxidant-antioxidant balance in stroke patients and 6-month prognosis                                                                  | Parizadeh MR, Azarpazhooh MR, Mobarra N, Nematy M, <b>Alamdari DH</b> , Tavalai S, Sahebkar A, Hassankhani B, Ferns G, Ghayour-Mobarhan M                                                                                             | Clin Lab                                        | 2011;57(3-4):183-91.                              | 1.056 |   |
| 24. | Changes in pro-oxidant-antioxidant balance after bare metal and drug eluting stent implantation in patients with stable coronary disease | Falsoleiman H, Dehghani M, Moohebaty M, Fazlinezhad A, Daloe MH, <b>Alamdari DH</b> , Esmaily HO, Parizadeh SM, Tavallaie S, Rahsepar AA, Paydar R, Kazemi-Bajestani SM, Pourghadam-Yari H, Parizad PA, Ghayour-Mobarhan M, Ferns GA. | Clin Biochem                                    | 2011 Feb;44(2-3):160-4.                           | 2.238 |   |
| 25. | Prooxidant-antioxidant balance in pregnancy: a randomized double-blind placebo-controlled trial of selenium supplementation              | Tara F, Rayman MP, Boskabadi F, Ghayour-Mobarhan M, Sahebkar A, <b>Alamdari DH</b> , Razavi BS, Tavallaie S, Azimi-Nezhad M, Shakeri MT, Oladi M, Yazarlou C, Ouladan S, Sangani MT, Omran F, Ferns G                                 | J Perinat Med.                                  | 2010 Sep;38(5):473-                               | 1.871 |   |
| 26. | The Effect of Maternal Selenium Supplementation on Pregnancy Outcome and the Level of Oxidative Stress in Neonates                       | H Boskabadi, F Rezagholizadeh Omran, F Tara, MP Rayman, M Ghayour-Mobarhan, A Sahebkar, S Tavallaie, MT Shakeri, <b>DH Alamdari</b> , M Kiani, BS Razavi, Oladi, G Ferns                                                              | Iranian Red Crescent Medical Journal            | 2010 Volume 14 Issue 3: 254-25                    | 0.371 |   |
| 27. | Oxidative stress modulation immediate after haemodialysis                                                                                | <b>Daryoush Hamidi Alamdari</b> , Malektaj Honarmand, Abdolfattah Sarrafnejad, Abdolreza Varasteh, Mohammad Reza Parizadeh, Majid Ghayour-Mobarhan, Daryoush Fahimi, Apostolos I. Hatzitoulas1, George Koliakos.                      | Dialysis and Transplantation                    | 2009 September, Volume 38, Issue 9, pages 354-358 | 0.184 |   |
| 28. | Determination of Pro-Oxidant-Antioxidant Balance After Acute Coronary Syndrome Using a Rapid                                             | Ghayour-Mobarhan M, <b>Alamdari DH</b> , Moohebaty M, Sahebkar A, Nematy M,                                                                                                                                                           | Angiology                                       | 2009 Dec-2010 Jan;60(6):657-                      | 1.033 |   |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|--------------|---|
|     | Assay: A Pilot Study                                                                                                                                      | Safarian M, Azimi-Nezhad M, Parizadeh SM, Tavallaie S, Koliakos G, Ferns G.                                                                                                                                    |                                           | 62.                                |              |   |
| 29. | Oxidative effects of inorganic and organic contaminants on haemolymph of mussels.                                                                         | Kaloyianni M, Dailianis S, Chrisikopoulou E, Zannou A, Koutsogiannaki S, <b>Alamdari DH</b> , Koliakos G, Dimitriadis VK.                                                                                      | Comp Biochem Physiol C Toxicol Pharmacol. | 2009 May;149(4):631-9              | <b>2.897</b> |   |
| 30. | Comparison of Prooxidant-antioxidant Balance Method with Crocin Method for Determination of Total Prooxidant-antioxidant Capacity                         | <b>Daryoush Hamidi Alamdari</b> , Stella A. Ordoudi, Nikolaos Nenadis, Maria Z. Tsimidou, George Koliakos, Seyyed Mohammad Reza Parizadeh, Mohammad Safarian, Maryam Sabery Karimian, B. Fatemeh Nobakht M. Gh | Iranian Journal of Basic Medical Sciences | 2009 Vol. 12, No. 2, Summer, 93-99 | <b>0.243</b> | * |
| 31. | Prooxidant-antioxidant balance as a new risk factor in patients with angiographically defined coronary artery disease.                                    | <b>Alamdari DH</b> , Ghayour-Mobarhan M, Tavallaie S, Parizadeh MR, Moohebbati M, Ghafoori F, Kazemi-Bajestani SM, Paletas K, Pegiou T, Koliakos G.                                                            | Clinical Biochemistry                     | 2008 Apr;41(6):375-80.             | <b>2.33</b>  |   |
| 32. | A novel high-yield volume-reduction method for cryopreservation of UC blood units.                                                                        | Koliakos G, <b>Alamdari DH</b> , Tsagias N, Kouzi-Koliakos K, Michaloudi E, Karagiannis V.A                                                                                                                    | Cytotherapy                               | 2007;9(7):654-9.                   | <b>3.55</b>  |   |
| 33. | Time and temperature before processing influence the recovery of umbilical cord blood hematopoietic progenitors                                           | Tsagias N, Kouzi-Koliakos K, Karagiannis V, Alamdari DH, Koliakos G                                                                                                                                            | Transfusion                               | .. 2007 Aug;47(8):1550-2..         | <b>3.278</b> |   |
| 34. | A novel assay for the evaluation of the prooxidant-antioxidant balance, before and after antioxidant vitamin administration in type II diabetes patients. | <b>Alamdari DH</b> , Paletas K, Pegiou T, Sarigianni M, Befani C, Koliakos G.                                                                                                                                  | Clinical Biochemistry                     | 2007 Feb;40(3-4):248-54.           | <b>2.33</b>  |   |
| 35. | Enhanced laminin carbonylation by monocytes in diabetes mellitus..                                                                                        | Kostidou E, Koliakos G, <b>Alamdari DH</b> , Paletas K, Tsapas A, Kaloyianni M.                                                                                                                                | Clinical Biochemistry                     | 2007 Jun;40(9-10):671-9.           | <b>2.33</b>  |   |
| 36. | Effect of iloprost on impaired anastomotic healing caused by 5-fluorouracil plus leucovorin..                                                             | Vasiliadis K, Pramateftakis MG, Blouhos K, Mantzoros I, Koliakos G, Zaraboukas T, Kanellos I, Demetriades H, <b>Alamdari DH</b> , Betsis D                                                                     | Dis Colon Rectum                          | 2007 Jun;50(6):899-907.            | <b>2.442</b> |   |
| 37. | Comparison of urinary proteins in calcium stone formers and healthy individuals: a case-control study.                                                    | Pourmand G, Nasseh H, Sarrafnejad A, Mojtahedi A, Mehrsai A, <b>Alamdari DH</b> , Nourijelyani K.                                                                                                              | Urol Int.                                 | 2006;76(2):163-8.                  | <b>0.709</b> |   |
| 38. | High sensitivity enzyme-linked immunosorbent assay (ELISA) method for measuring protein carbonyl in samples with low amounts of protein..                 | <b>Alamdari DH</b> , Kostidou E, Paletas K, Sarigianni M, Konostas AG, Karapiperidou A, Koliakos G.                                                                                                            | Free Radic Biol Med                       | 2005 Nov 15;39(10):1362-7.         | <b>5.44</b>  |   |
| 39. | Urinary tamm-horsfall protein and citrate: a case-control study of inhibitors and promoters of calcium stone formation..                                  | Pourmand G, Nasseh H, Sarrafnejad A, Mehrsai A, <b>Hamidi Alamdari D</b> , Nourijelyani K, Shekarpour L.                                                                                                       | Urol J                                    | 2005 Spring;2(2):79-85.            | <b>0.577</b> |   |

