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Publications (Published Papers):

- Maryam Zangi, **Hamideh Ofoghi**^{*1}, Parastoo Ehsani, Fazel Shokri, Somayeh Ghotloo, Foad Fahmide Processing of human nerve growth factor β proprotein in the plant cell apoplast, , (In print)
- Soroosh Danaee , **Hamideh Ofoghi**, Seyed Mohammad Heydarian , and Neda Badali Varzaghani Multi Response Surface Optimization, Pareto Analysis and Kinetics Study of Microalgal Post-Treatment Systems, April **2022** Environmental Technology DOI: 10.1080/09593330.2022.2066480
- Soroosh Danaee , Seyed Mohammad Heydarian , **Hamideh Ofoghi**, and Neda Badali Varzaghani: Optimization, upscaling and kinetic study of famine technique in a microalgal biofilm-based photobioreactor for nutrient Removal, Environmental Technology & Innovation 24 (2021) 102043

- Soroosh Danaee, **Hamideh Ofoghi†**, and Seyed Mohammad Heydarian : Acceleration of microalgal biofilm formation on PET by surface engineering(2021) *Korean J. Chem. Eng.*
- Pouya Rahimifard Hamedani, Mahmood Solouki, Parastoo Ehsani ,Abbasali Emamjomeh and **Hamideh Ofoghi**: Expression of BMP2-Hydrophobin fusion protein in the tobacco plantand molecular dynamic evaluation of its simulated model, *Plant Biotechnology Reports*(2021), <https://doi.org/10.1007/s11816-021-00684-3>
- Mahboobeh Akbarizare , **Hamideh Ofoghi*** , Mahnaz Hadizadeh , Alireza Valdiani: Bilateral telomerase-associated impacts of *Spirulina platensis* extracts: Activation versus inhibition, *European Journal of Integrative Medicine* 43 (2021) 101303
- Mahboobeh Akbarizare, **Hamideh Ofoghi***, Majnaz Hadizadeh :Dual effect of Sapogenins extracted from *Spirulina platensis* on telomerase activity in two different cell lines, *Molecular Biology Research Communications* (2021), 10(1):1-4 DOI: 0.22099/mrc.2020.38230.1537
- Zahid Naseri, Ebrahim Dorani Uliae, **Hamideh Ofoghi** and Seyed Javad Davarpanah: Expression of novel lhmlt fusion protein using plant viral vector and study of its anticancer effect; *Plant Cell, Tissue and Organ Culture (PCTOC)* August (2020)143: 97–108, <http://doi.org/10.1007/s11240-020-01900-8>.
- Ghaffar Khezri, Bahram Baghban Kohneh Rouz, **Hamideh Ofoghi** and Seyed Javad Davarpanah: Heterologous expression of biologically active Mambalgin-1 peptide as a new potential anticancer, using a PVX-based viral vector in *Nicotiana benthamiana*, *Tissue and Organ Culture (PCTOC)* June 2020.
- Mahboobeh Akbarizare, **Hamideh Ofoghi***, Mahnaz Hadizadeh and Nasrin Moazami: In vitro assessment of the cytotoxic effects of secondary metabolites from *Spirulina platensis* on hepatocellular carcinoma, *Egyptian Liver Journal* (2020) 10:11, <https://doi.org/10.1186/s43066-020-0018-3>
- Raheleh Iravani , Mahta Mirzaei , **Hamideh Ofoghi*** : Effects of Enzyme Types and Hydrolysis Time on the Production of Antioxidant Peptides from *Spirulina Platensis*, *Innovative Food Technologies*, 6(4), Summer 2019, DOI: <http://dx.doi.org/10.22104/JIFT.2019.3442.1769>
- Mahboobeh Akbarizare , **Hamideh Ofoghi***, Mahnaz Hadizadeh : In vitro Anticancer Evaluation of Saponins Obtained From *Spirulina platensis* on MDA, HepG2, and MCF7 Cell Lines, *Multidisciplinary Cancer Investigation*, October 2019, Volume 3, Issue 4, DOI: 10.30699/acadpub.mci.3.4.25
- S Shamriz, **H Ofoghi*** : Chlamydomonas reinhardtii as a novel photobioreactor to produce recombinant proteins,- *Modares Journal of Biotechnology*, 2019, Volume10, Issue 2,Pages

- Sara Mohammadzadeh, **Hamideh Ofoghi**, Mina Ebrahimi-Rad and Parastoo Ehsani: Construction of bicistronic cassette for co-expressing hepatitis B surface antigen and mouse granulocyte-macrophage colony stimulating factor as adjuvant in tobacco plant, **PHARMACEUTICAL BIOLOGY** **2019**, VOL. 57, NO. 1, 669–675 <https://doi.org/10.1080/13880209.2019.1662458>
- Mahnaz Hadizadeh, **Hamideh Ofoghi**, Mehran Kianirad, Zohreh Amidi: Elicitation of pharmaceutical alkaloids biosynthesis by salicylic acid in marine microalgae *Arthrospiraplatensis*, Algal Research, Volume 42, September **2019**, 101597
- Zahid Naseri, Ghaffar Khezri, Seyed Javad Davarpanah, **Hamideh Ofoghi**: Virus-Based Vectors: A New Approach for the Production of Recombinant Proteins, *J Appl Biotechnol Rep.* **2019** Mar;6(1):6-14
- Maryam Zangi, Zahra Amini-Bayat, Parastoo Ehsani and **Hamideh Ofoghi***: Replication of pgR107 binary Ti vector without pSoup helper plasmid in disarmed Agrobacterium tumefaciens LBA4404, *Health Biotechnology and Biopharma* (**2019**), 3(1): 19-28
- Shabnam Shamriz and **Hamideh Ofoghi**: Expression of Recombinant PfCelTOS Antigen in the Chloroplast of *Chlamydomonas reinhardtii* and its Potential Use in Detection of Malaria, *Molecular Biotechnology* (**2019**) <https://doi.org/10.1007/s12033-018-0140-1>, 61:102–110
- Farnaz TAHORI, Ahmad MAJD, Taher NEJADSATTARI, **Hamideh OFOGHI**, Alireza IRANBAKHSH: Qualitative and Quantitative Study of Quercetin and Glycyrrhizin in In Vitro Culture of Liquorice (*Glycyrrhiza glabra L.*) and Elicitation with AgNO₃, Not Bot Horti Agrobo, (**2019**), 47(1):143-151. DOI:10.15835/nbha47111275
- Maryam Zangi, Zahra Amini-Bayat, Parastoo Ehsani and **Hamideh Ofoghi***: Replication of pgR107 binary Ti vector without pSoup helper plasmid in disarmed Agrobacterium tumefaciens LBA4404, *Health Biotechnology and Biopharma* (**2019**), 3(1): 19-28
- Naghoosi H., **Ofoghi H.***, Amini-Bayat Z., Moazami N. Secretory Expression of Recombinant Human Calcitonin in Green Microalgae *Chlamydomonas reinhardtii* , Modares Journal of Biotechnology, Volume 10, Issue 1, Winter **2019**, Pages: 29-35
- Farnaz Tahooori , Ahmd Majd, Taher Nejadsattari , **Hamideh Ofoghi** , Alireza Iranbakhsh: Effects of silver nitrate (AgNO₃) on growth and anatomical structure of vegetative organs of liquorice (*Glycyrrhiza glabra L.*) under in vitro condition. *Plant Omic Jurnal* (**2018**) 11(03):153-160 ISSN:1836-3644 doi: 10.21475/poj.11.03.18.p1548
- Maryam Karimian, Mohammad Zandi, Mohammad Reza Sanjabi, Majid Masoumian, **Hamideh Ofoghi**: Effects of grape seed extract, quercetin and vitamin C on ovine oocyte maturation and subsequent embryonic development *Cell Mol Biol (Noisy-le-grand)*. **2018** Mar 31; 64 (4):98-102.

- Soroosh Danaee, **Hamideh Ofoghi***, Seyed Mohammad Heydarian, Abbas Farazmand: Optimization of nitrogen and phosphorus removal from meat processing wastewaters using microalgal biofilms, Environmental Health Engineering and Management Journal **2018**, 5(2)
- Shabnam Shamriz and **Hamideh Ofoghi***: Engineering the chloroplast of *Chlamydomonas reinhardtii* to express the recombinant PfCelTOS-II2 antigen-adjuvant fusion protein Journal of Biotechnology 266 (**2018**) 111–117
- Mona Shafaghi, Somayeh Maktoobian, Rahimeh Rasouli, Nader Howaizi, **Hamideh Ofoghi** 4, Parastoo Ehsani : Transient Expression of Biologically Active Anti-rabies Virus Monoclonal Antibody in Tobacco Leaves, Iranian J Biotech. (**2018**) January;16(1):e1774, DOI:10.15171/ijb.1774
- F JASOUR, M ZANDI, K HOSEINI PAJOOH, M R SANJABI and **H OFOGHI**: Transfection of early and late stage sheep spermatogonial stem cells in culture, *Indian Journal of Animal Sciences* **87** (8): 944–946, August **2017**
- Hosein SHABANI, Mohammad ZANDI1, **Hamideh OFOGHI**, Mohammad Reza SANJABI, Khosro HOSEINI PAJOOH: The effect of combining vitamin E and C on the viability improvement of transfected ovine spermatogonial stem cells after cryopreservation and thawing, *Turk J Vet Anim Sci* , (**2017**) 41:c TUBİTAK, doi:10.3906/vet-1701-38
- Shabnam Shamriz and **Hamideh Ofoghi***: Outlook in the application of *Chlamydomonas reinhardtii* chloroplast as a platform for recombinant protein production, *Biotechnol Genet Eng Rev.* **2017** Mar 30:1-15
- Hamed Naghoosi, **Hamideh Ofoghi***, Nasrin Moazami and Zahra Amini-bayat: A Modified Colony PCR Method for Screening Recombinant *Chlamydomonas reinhardtii*, International Journal of Advanced Biotechnology and Research (IJBR),ISSN 0976-2612, Online ISSN 2278–599X, Vol-8, Issue-2, **2017**, pp992-995
- M. Zangi and **H. Ofoghi** *: Nerve growth factor, clinical applications and production of the recombinant protein, *J Qazvin Univ Med Sci. (JQUMS)*, Vol.20, No.6, **2017**
- A. Teymoornejad- M. Zandi- M. R. Sanjabi- K. Hoseini Pajoooh- **H. Ofoghi**: Transfection of Holstein Bull Spermatozoa by Lipofectamine, *Iranian Journal of Animal Science Research*,Vol. 8, No. 4, Winter **2017**, p. 656-666
- Mohammadzadeh S, Rahimi S, Ebrahimi-Rad M, **Ofoghi H**, Ehsani P: Transient expression of virus-like particles in plants: a promising platform for rapid vaccine production, *Vaccine Research*, Volume 3-Number 4-Nov **2016**

- M. Ghanbari Motlagh, Z. Amini-Bayat and **H. Ofoghi***: Investigation of an Optimized Context for the Expression of GFP as a Reporter Gene in *Chlamydomonas Reinhardtii Biomacromolecular J. Vol. 2, No. 2, 135-142, December 2016*
- Maryam Zangi, **Hamideh Ofoghi***, Zahra Amini-Bayat, Parastoo Ehsani: Utility of P19 Gene-Silencing Suppressor for High Level Expression of Recombinant Human Therapeutic Proteins in Plant Cells, *Res Mol Med (RMM) 2016, 4(3): Volume 4, Number 3, Pages: 35-40.*
- Shabnam Shamriz,**HamidehOfoghi*** , Nasrin Moazami: effect of linker length and residues on the structure and stability of a fusion protein with malaria vaccine application, *Computers in Biology and Medicine,76 (2016) 24–29*
- Shabnam Shamriz and **Hamideh Ofoghi***: Design, structure prediction and molecular dynamics simulation of a fusion construct containing malaria pre-erythrocytic vaccine candidate, PfCeltOS, and human interleukin2 as adjuvant, *BMC Bioinformatics (2016) 17:71*
- Shamriz, S., **Ofoghi, H.***, Amini-Bayat, ZSoluble expression of recombinant nerve growth factor in cytoplasm of Escherichia coli, *Iranian Journal of Biotechnology , 14 (1) , art. no. e1331 , .(2016) pp. 16 – 22*
- N Moazami, F Hakami, **H Ofoghi** and A Sheykhejad: Kavir-48 Protein a New Anticancer from an Extremophile Streptomyces with Apoptosis Regulator Function, *Biol Syst Open Access, 5:2, DOI: 10.4172/2329-6577.1000164, 2016*
- Charinya Chankhampan, Jiradej Manosroi, **Hamideh Ofoghi**, Worapaka Manosroi,Aranya Manosroi: LOW CYTOTOXIC ELASTIC NIOSOMES LOADED WITH SALMON CALCITONIN ON HUMAN SKIN FIBROBLASTS; *Human and Experimental Toxicology, 2013, 32(1) 31–44*
- Yasin Moazez, Hamid Rajabi Memari, **Hamideh Ofoghi**, Mohammad Roayaei and Dariush Nabati Ahmadi : Evaluation of *Spirulina platensis* Resistance to Different Antibiotics for Finding Selectable Marker in Genetic Transformation., *Jundishapur Journal of Microbiology. 2013 Summer; 6(7): e5456.*
- Azam Janipour,Mahnaz Mazaheri Assadi,**Hamideh Ofoghi**,Mohammad Reza Kalbassi,Hoda Ahmadi Behazin,Masoumeh Rajabibazl,Hale Kosari : Molecular Identification of *Dunaliella* Species in Some Iranian Salt Lakes, *European Journal of Scientific Research. ISSN 1450-216X / 1450-202X Vol. 103 No 4 June, 2013, pp.570-580.2013*
- Ali Salehzadeh, **Hamideh Ofoghi** and Amir Arasteh: Purification of recombinant C-terminus polyhistidine tagged human calcitonin with cobalt-based and nickel-based affinity chromatography: A comparative study. *African Journal of Biotechnology Vol. 11(36), pp. 8893-8897, 3 May, 2012*

- Hamid Moghimi, Javad Hamed, Zargham Sepehrizadeh & **Hamideh Ofoghi**: Over expression of recombinant Nep1 in *Escherichia coli* and its use as a biological agent for control of *Sinapis arvens*, Ann Microbiol **63** (2) pp. 669 - 675. **2012**
- **Hamideh Ofoghi***, Fereshteh Yavari and Farhad Nazarin: Tissue specific expression of the human calcitonin gene in potato tubers by an organ specific promoter, Iranian Journal of Biotechnology Vol. 10, No. 2, April **2012**
- Abbas Farazmand, Bagher Yakhchali, Parvin Shariati, Zarrin Minuchehr and **Hamideh Ofoghi**: *In silico* genome-wide screening for TnrA-regulated genes of *Bacillus clausii*, Iranian Journal of Biotechnology, Vol. 10, No. 1, January **2012**
- 8- Ali Salehzadeh, **Hamideh Ofoghi***, Farzin Roohvand, Mohammad Reza Aghasadeghi and Kazem Parivar: Human Calcitonin (hCT) Gene Expression and Secretion by *Pichia Pastoris*, *Romanian Biotechnological Letters*, Vol. 17, No. 1, **2012**
- Ali Salehzadeh, **Hamideh Ofoghi***, Farzin Roohvand, Mohammad Reza Aghasadeghi and Kazem Parivar: Intracellular expression of human calcitonin (hCT) gene in the ethylotrophic yeast, *Pichia pastoris*, African Journal of Biotechnology Vol. 10(59), pp. 12721-12726, October, **2011**
- Abbas Farazmand, Bagher Yakhchali, Parvin Shariati and **Hamideh Ofoghi**: *Bacillus clausii* and *Bacillus halodurans* lack GlnR but Possess Two Paralogs of glnA, J. Proteomics Bioinform, 4: 179-183. doi:10.4172/jpb.1000187, **2011**
- Farzaneh Kordbacheh, **Hamideh Ofoghi**, Ali Akbarzadeh, Mahyat Jafari, and Ali-Hatef Salmanian: High Level Expression and Chloroplast Targeting of Human Calcitonin (hCT) in Transgenic Tobacco Plants: *Transgenic Plant Journal* **2011**, 5(1) 57-61
- Behnoush Hajian, Khosro Piri1, Sonbol Nazeri and **Hamideh Ofoghi**: Agrobacterium-mediated transfer of β -Glucoronidase gene (gusA) to water mint (*Mentha aquatica L.*), Journal of Medicinal Plants Research Vol. 5(5), pp. 842-847, 4 March, **2011**
- Ebadi A., Kamali K., Fattahimogadam M.R., Naghavi M.R., Imani A. and **Hamideh Ofoghi**: Determination of Self-Compatible Almond Genotypes Obtained from Controlled Crosses and Identification of S-Alleles in some foreign Cultivars and Genotypes. *Seed and Plant Improvement Journal*, 1 Vol 1-27 No 1, **2011**

- Parisa Eshraghi, Reza Zarghami and **Hamideh Ofoghi**: RAPD analysis of Micropropagated Plantlets in Date Palm Pakistan Journal of Biological Sciences 9 (1): 111-114, **2006**
- Parisa Eshraghi¹, Reza Zarghami, **Hamideh Ofoghi** and Mitra Mirabdulbaghi: Somatic embryogenesis in two Iranian date palm cultivars, African Journal of Biotechnology Vol. 4 (11), pp. 1309-1312, November **2005**
- Eshragh, P. Zarghami, R and **Ofoghi, H.** : Genetic Stability of Micropropagated Plantlet in Date Palm, Journal Of Science, Islamic Republic of Iran, 16(4) : 311-315 **2005**
- **17 -Ofoghi, H***., Moazami N, Ivanov I. : Comparison of Tobacco Etch virus and Tobacco Mosaic virus enhancers for the expression of Human Calcitonin Gene in Transgenic Potato Plant. Key Engineering Materials, Volume 277 pp 7-11, **2005** part 1.
- **Ofoghi H.***, Moazami N., Domonsky N.N.and Ivanov I: Cloning and Expression of human Calcitonin genes in Transgenic Potato Plants. Biotechnol. lett. 22: 611-615, **2000**.
- **Ofoghi H***, Mironava R., Moazami N., Domonsky N. and Ivanov I.: Human Calcitonin Tetrameric Gene; Comparative Expression in Yeast and Transgenic Potato Plants. Journal of Biotechnology & Biotechnological Equipment , No. 1 , **1999**

Publication (Conferences Presentations):

-Hamideh Ofoghi* and Shabnam shamriz: Prospect for the production of functional recombinant pharmaceuticals in Chloroplast of *Chlamydomonas reinhardtii*: focusing on PfcelTos antigen, Eurasian Congress On Molecular Biotechnology (ECOMB2019) ,19-21 Sep. **2019** Trabzon, Turkey

- **Ofoghi**, M. Zangi, Z. Amini-Bayat and P. Ehsani: Expressing and Processing of recombinant Human β - Pre-pro-Nerve Growth Factor in *Nicotiana benthamiana*, The 3rd Conference of the International Society of Plant Molecular Farming Helsinki, Finland, June 2018

- Rahimifard P., **Ofoghi H.**, Solouki M. and Ehsani P.: Expression of BMP2-HYDROPHOBIN Fusion Protein in Tobacco Plant, The second conference of the International Society for Plant Molecular Farming 25-27 may **2016**

- **H. Ofoghi**, M. Zangi, Z. Amini-Bayat and P. Ehsani: Transient Expression of Human Nerve Growth Factor in *Nicotiana benthamiana*, The second conference of the International Society for Plant Molecular Farming 25-27 may **2016**

-Nasrin Moazami, Fatoulah Hakami, **Hamideh Ofoghi**, and Massoud Ghaffarpour: A novel metabolite from an extremophile *Streptomyces* with apoptosis regulator function. Proceedings: AACR Annual Meeting, April 5-9, 2014; San Diego, CA, *Cancer Res October 1, 2014* 74; 5105 doi: 10.1158/1538-7445.AM2014-5105

- Mahnaz Chookhachizade Moghaddam, **Hamideh Ofoghi**, Seyed Ali Ghaemmaghami, and Ahmad Alimadadi, Effect of media on *In Vitro* rooting of *Ginkgo biloba*, 1th national Ornamental Congress, Karaj-Iran October **2014**

- Mahnaz Chookhachizade Moghaddam, **Hamideh Ofoghi**, Seyed Ali Ghaemmaghami and Ahmad Alimadadi, Evaluation of different media on vegetative growing *In Vitro* of *Ginkgo biloba* 1th national Ornamental Congress, Karaj-Iran October **2014**

-Mahsa Ghanbari Motlagh, Zahra Amini-bayat , **Hamideh Ofoghi** and Shabnam Shamriz: Cloning and transformation of GFP gene into nucleus of *Chlamydomonas reinhardtii* 1st International and 13th Iranian genetic Congress Tehran Iran June **2014**

-ShabnamShamriz, zahraAmini-bayat,**Hamideh ofoghi** and MahsaGhanbari Motlagh: Cloning and expression of β -subunit of human nerve growth factor (β -hNGF) in *E. coli*, 1st International and 13th Iranian genetic Congress Tehran Iran June **2014**

- Hamed Naghoosi, **Hamideh Ofoghi**, Zahra Amini-bayat, Design and synthesis of human calcitonin gene cassette for expression in microalgae *Chlamydomonas reinhardtii* 1st International and 13th Iranian genetic Congress Tehran Iran June **2014**

- Maryam Zangi, Zahra Amini-Bayat, Zohreh Amidi, **Hamideh Ofoghi**: Cloning of recombinant human Nerve Growth Factor in PVX viral vector, 1st International and 13th Iranian genetic Congress Tehran Iran June **2014**

- Zahra Amini-Bayat, **Hamideh Ofoghi**: *In-silico* modification of *clamydomonas reinhardtii* signal peptide for optimized heterologous expression/ secretion.5th Iranian Conference on Bioinformatic May **2014**

-Fatemeh Sheyknejad, **Hamideh Ofoghi**, Mohammad Heydarian, Sanaz Jafari, Ali Sheyknejad; Culture of green cyanobacterium Spirulina sp. with Antibacterial activity, 14th International Iranian Congress of Microbiology , Tehran-Iran Augost **2013**

-H. Ofoghi: Production of human calcitonin: multimeric fusion gene expression, cleavage, amidation and purification;, Research in Pharmaceutical Sciences, **2012**;7(5) School of Pharmacy and Pharmaceutical Sciences, Isfahan University of Medical Sciences

-S. Maktobian, P. Ehsani, R. Rasouli and **H. Ofoghi**: Transient expression of anti-rabies-light chain antibody in Tobacco plants;. Research in Pharmaceutical Sciences, **2012**; 7(5) School of Pharmacy and Pharmaceutical Sciences Isfahan University of Medical Sciences

- Y.Moazez, H.R. Memary, **H. Ofoghi**, M.R. Ardakani: Construction of suitable construct for gene transformation of micro algae Spirulina., 12th Iranian Genetic Congress, June **2012**, Tehran-Iran

- Hamid Moghimi, Javad Hamed. Zargham Sepehrizadeh and **Hamideh ofoghi** : Cloning and expression of nep-1 isolated from *Fusarium oxysporum* to *Escherichia coli* for producing of new recombinant bioherbicide, 7th national Biotechnology congress , Sep **2011** Tehran, Iran.

- **Hamideh Ofoghi** and Ali Parach: Qualitative and Quantitative Analysis of Recombinant Human Calcitonin, , 7th national Biotechnology congress , Sep **2011** Tehran, Iran.

- Y.Moazez, H.Rajabi-Memari, **H.Ofoghi**, M.Roayaei, M.M.Simroni, Z.Shojaa: Study of antibiotic sensitivity of *spirulina platensis* for a selectable marker in genetic Engineering, 7th national Biotechnology congress , Sep **2011** Tehran, Iran.

- Farazmand, Abbas., Bagher Yakhchali., Parvin Shariati., **Hamideh Ofoghi**: Involvement of *scoC* and *TnrA* in Expression of the Alkaline Protease Gene *aprE* in *Bacillus licheniformis*, 7th national Biotechnology congress , Sep **2011** Tehran, Iran.

- Hamideh ofoghi , Ali Salehzadeh and Fatemeh Motevali: Use of the Yeast *Pichia pastoris* as an Expression System for Secretion of human calcitonin (hCT) gene, 7th national Biotechnology congress , Sep **2011** Tehran, Iran.

- **H. Ofoghi** , S. SangSefidi and F. Roohvand: Study of Transgenic Potato Plant for production of Hepatitis C Vaccine, 16th National and 4th International Conference of Biology, 14-16 Sep. **2010** Ferdowsi University Mashad-Iran

-**H. Ofoghi**., P., Ghodsi. and F. Roohvand Expression of HCV polytopes in Transgenic plants for Potential Application as Oral Vaccine, PLANT-BASED VACCINES & ANTIBODIES – PBVA 2011 , 8-10th June **2011**, Porto, Portugal

- Ghodsi P. **Ofoghi, H.**, and Roohvand F.: Cloning and expression of HCV polytopes fused to hepatitis B surface antigen in transgenic plant. , 11th Iran Genetics Congress, **2010**, 20-23 May Tehran Iran.

-Janipour A., Mazaheri Asadi, M., Calbasi, M.R. and **Ofoghi H.** : Molecular Identification of Dunaliella Isolated from fiva Hypersaline Ecosyastem of Iran **2010**, 11th Iran Genetics Congress, 20-23 May Tehran Iran.

- Janipour A., **Ofoghi, H.**, Emtiazjoo M. and Mazaheri Asadi, M. : Comparison of anti-microbial products *Dunaliella* alga isolated from 5 salt lakes of iran. 1^h Medicinal Plant Application Congress 20-22 Feb. **2010**, Ahwaz Iran.
- **Ofoghi H.**: Synonymous codon usage for expression enhancement in transgenic potato plants, New Biotechnology, Volume 25, Supplement 1, September **2009**, Page S291
- Farazmand.A., Yakhchali,R., Farajzadeh,D., Shariati,P and **Ofoghi, H.** Cloning and Sequencing of an Alkaline Serin Protease (aprE) and Transcription Factors (*scoC*),*tnrA*) Genes from an Indigenous *Bacillus clause*. The 6th National Biotechnology Congress of Iran 13-15 Aug. **2009** Tehran-Iran
- Ofoghi, H.**, Yavari. F. and Nazarian-firouzabadi F.: Tissue specific expression of human calcitonin gene leads to more calcitonin production in potato plants, BIEN**2009** INWES Asian Network August 26-29 Busan, Korea
- Salehi, N., **Ofoghi, H.**, Musavi, A. and Salmanian A.H: Construction of plasmid for expression of human calcitonin gene in chloroplast of transgenic tobacco plant, 2008 2th students Biotechnology Congress Novmber **2008** Tehran ,Iran
- **Ofoghi, Hamideh.** and Ghorbani, P. Fatemeh.: Targeted Expression of Human Calcitonin Gene To Potato Tuber, International Biotechnology Congress, Dalian , China 12-16 Oct. **2008**
- Ghorbani Parsa F. and **Ofoghi, H..**: Human calcitonin gene targeting into potato tuber; The 5th National Biotechnology Congress of Iran 24-26 Nov, Tehran , Iran **2007**
- Ayazi Kh., **Ofoghi, H.**, and Sheykhi-nejad A. A study of the antimicrobial activity of Trichodesma incanum extract against some microorganism and oral pathogens; The 5th National Biotechnology Congress of Iran 24-26 Nov, Tehran , Iran **2007**
- Iavari F and **Ofoghi H.** A comparative study of pCaMV 35S and GBSSI promoters for human calcitonin gene expression in transgenic potato plants, The 9th Iranian Congress of Biochemistry & the 2nd international congress of biochemistry and molecular biology , Shiraz-Iran **2007**
- Kordbacheh F, Salmanian A.H. and **Ofoghi H.**: Targeting of human calcitonin gene into the Tobacco chloroplast, International Conference Plant Transformation Technologies Austria February **2007**
- Ofoghi, H** and Iavari, F.: Production of recombinant pharmaceutical protein in transgenic plant, Proceeding of 2nd International Engineering Convantion 2007 March **2007** saudi Arabia

-Kordbacheh F, Salmanian A.H. and **Ofoghi H:** Is chloroplast targeting is suitable for Calcitonin hormone accumulation in transgenic plant? Plant based vaccina + antibodies , University of Verona Italy Jube **2007**

-**Ofoghi, H.** : Medical Molecular Farming Modern Agriculture and Environments, AGRO ENVIRON 2006, Fifth International Symposium on the Agricultural Environment 4 - 7 September **2006** Ghent University, Ghent, Belgium

-**Ofoghi, H.** : Bioindicator Application for Biomonitoring of Global Change, First Regional Conference of Geobiotechnology Qeshm Island-Iran Feb. **2006**

-**Ofoghi, H.** and Eshraghi, P. RAPD Analysis of Somaclonal Variation in Original Offshoot and Regenerated Date Palm Planlets, 13th International Conference of Women Engineers and Scientists, Seoul Korea Aug **2005**

-**Ofoghi, H.**, Portaheri,.N. and Hashemi Sohi, H. : *Agrobacterium*-mediated transformation of a *Dendrobium sonia* 17, 4th national Biotechnology Congress of Islamic Republic of Iran, Kerman Aug, **2005**.

-P.Eshraghi, R. Zarghami. H. Ofoghi : Studies on Genetic stability of micropropagated Iranian Date Palm Plantlets by RAPD Markers, XVIII IBC 17-23 July , **2005** Vienna, Austria .

-**Ofoghi, H.**: Mass propagation pf Protocorm Like bodies using bioreactor system in *Dendrobium* , Biology in Asia International Conference 7-10 Dec. **2004** Singapore.

-Eshraghi, P, and **Ofoghi,H.** :Date palm DNA Extraction without Liquid Nitrogen., Biology in Asia International Conference 7-10 Dec. **2004** Singapore.

-**Ofoghi, H.**, Production of Recombinant Proteins in Transgenic Plants: Biosafety Consideration, Fifth Asian Bioethics Conference (ABC5) and Ninth International Tsukuba Bioethic Roundtable (TRT9) 13-16 Feb, **2004** Tsukuba-Japan.

-**Ofoghi, H.**: Micropropagation of orchid (*Dendrobium*) by culturing shoot tip of apical meristem .3rd National Congress of Biotechnology , 9-11 Sep. **2003** Mashad-Iran

Ofoghi, H. and Rouhvand, F.: Intracellular Expression of Human Calcitonin Gene In Yeast Cells: Potencial Application as Functional Food, Yeast, Vol. 20 Number S1 July **2003**

-**Ofoghi H.**, Mironava R., Moazami N., Domonsky N., Jafari A. and Ivanov I: Expression of monomeric human calcitonin gene in transgenic potato plants., New Frontiers in Plant Science and Biotechnology . March 5-9 Toulouse-France **2000**.

-**Ofoghi H.**, Moazami N., Domonsky N. and Ivanov I.: Expression of oligomeric human Calcitonin gene in Transgenic potato Plant, 6th International Congress of Plant Molecular Biology.(ISPMB), Quebec, Canada june 18-24, **2000**.

-**Ofoghi H.**, Moazami N., Domonsky N. and Ivanov I. : Investigation of Calcitonin gene expression in transgenic potato plant, The First National Congress of Biotechnology Tehran , Iran, 22-24 Feb **2000**

-Mohammadi B.A., Khabiri A., **Ofoghi H.** and Ehsani P. : Enhanced expression of Hepatitis B surface antigen under control of Patatin calss I and TEV leader sequence in transgenic potato plant ., The First National Congress of Biotechnology Tehran , Iran, 22-24 Feb **2000**

-Bayat M.R, Soltanpour A. and **Ofoghi H.**: Aloe Magic plant, International Congress on Traditional medicine & Materia medica. Nov. 6-9 **2000**, Tehran, Iran.

-**Ofoghi, H.** , Moazami N., Farhoudi, A.A. and Rouhvand, F.: Intracellular Expression of Tetrameric human Calcitonin gene in *Saccharomyces cerevisiae* The 5th Iranian Biochemistry Congress 6-9 Sept, **1999**

-Domansky N.N., Khabiri A., Ehsani P., Salmanian Ali-H. and **Ofoghi H.** Enhanced Immunogenicity of Transgenic Plant-derived Hepatitis B Middle surface Antigen. 21-27 Sep.**1997**, Singapore 5th International Congress of Plant Molecular Biology.

-**Ofoghi, H.**, Maleczadeh, F., **1991** Single cell protein production from citrus waste, First Regional Congress of Biotechnology, Tehran, Iran