

# ÖZGEÇMİŞ

## Prof. Dr. Muhammad ASIM

**Doğum Tarihi ve Yeri:** 02.10.1973 (Multan, Pakistan)

**Toplam Atıflar:** 887 Google Scholar

**H-index:** WebofScience: 13; Google Scholar: 19; Mendley:13; Scopus:13

### Araştırmacı Profillerim:

**Mendeley:** <https://www.mendeley.com/impact/mmuhammad-aasim>

**Publons:** <https://publons.com/dashboard/summary/>

**Google Scholar:**

[https://scholar.google.com.tr/citations?hl=tr&user=EEwk8EUAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com.tr/citations?hl=tr&user=EEwk8EUAAAAJ&view_op=list_works&sortby=pubdate)

**ORCID:** <https://orcid.org/0000-0002-8524-9029>

**Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=24479332400>

**Researcher ID:** (C-5691-2017)

### Öğrenim Bilhileri:

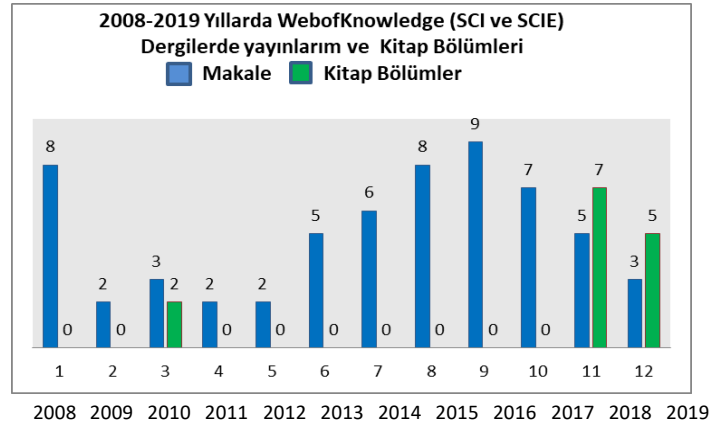
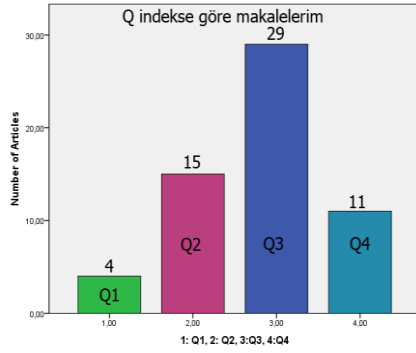
Derece	Alan	Üniversite	Yıl
Lisans	Agronomi	Bahauddin Zkariya University, Multan	1996
Y. Lisans	Agronomi	University of Agriculture Faisalabad	1998
Doktora	Tarla Bitkileri	Ankara Üniversitesi, Ankara	2010

### Akademik Unvanlar:

Görev Unvanı	Görev Yeri	Yıl
Yrd. Doç. Dr.	Karamanoğlu Mehmetbey Üniversitesi/Kamil Özdağ Fen Fakültesi/Biyoloji Bölümü/Genel Biyoloji Anabilim Dalı	Mart 2011-Eylül 2013 (Yabancı Uyraklu)
Doç. Dr.	Karamanoğlu Mehmetbey Üniversitesi/Kamil Özdağ Fen Fakültesi/Biyoloji Bölümü/Genel Biyoloji Anabilim Dalı	Ekim 2013-Aralık 2015 (Yabancı Uyraklu)
Doç. Dr.	Necmettin Erbakan Üniversitesi/Fen Fakültesi/Biyoteknoloji Bölümü	Ocak 2016-Mayıs 2018 (Yabancı Uyraklu)
Doç. Dr.	Necmettin Erbakan Üniversitesi/Fen Fakültesi/Biyoteknoloji Bölümü	Mayıs 2018- Haziran 2020 (T.C)
Prof. Dr.	Sivas Bilim ve Teknoloji Üniversitesi/Tarım Bilimleri Ve Teknoloji Fakültesi/Bitki Koruma Bölümü	Haziran 2020 – Devam ediyor (T.C)

### 6. Faaliyetleim (Özeti)

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## A1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI/SCIE, ESCI)

**A1.1. Aasim M,** Umer EM, Karim A (2008). Yield and competition indices of intercropping Cotton (*Gossypium hirsutum* L.) using different planting pattern. *Tarım Bilimleri Dergisi (Journal of Agricultural Sciences)*, 14(4), 326-333

**A1.2. Sahin-demirbag N,** Kendir H, **Aasim M** (2008). Yaygın mürdümük (*Lathyrus sativus* L.)'te adventif sürgün rejenerasyonu, *Tarım Bilimleri Dergisi (Journal of Agricultural Sciences)*, 14 (3), 297-302

**A1.3. Demirbag N,** Kendir H, Khawar KM, **Aasim M,** (2008). In vitro plant regeneration from Hungarian vetch (*Vicia pannonica* Crantz) using cotyledonary node explants. *Biotechnology & Biotechnological Equipments*, 22(4), 929-932

**A1.4.** In vitro regeneration of Turkish endemic *Trifolium pannonicum* JACQ. Subsp. elongatum (WILLD). *Biotechnology & Biotechnological Equipments*, 22(4), 921-924

**A1.5. Kendir H,** Sahin-Demirbag N, Khawar KM, and **Aasim M,** (2008). In vitro plant regeneration from Narbon Vetch (*Vicia narbonensis* L.) using cotyledonary node explants. *African Journal of Biotechnology*, 7(14), 2491-2494

**A1.6. Aasim M,** Khawar KM, Özcan S (2008). In vitro micropropagation from shoot meristems of Turkish Cowpea (*Vigna unguiculata* L.). *Bangladesh Journal of Botany*, 37(2), 149-154

**A1.7. Aasim M,** Khawar KM, Özcan S (2008). In vitro regeneration of Red Squill *Urginea maritima* (L.) BAKER. using Thidiazuron. *Biotechnology & Biotechnological Equipments*, 22(4), 925-928

**A1.8. Kendir H,** Sahin-Demirbag N, **Aasim M,** Khawar KM (2009). In vitro plant regeneration from Turkish Narbon Bean (*Vicia narbonensis* L.). *African Journal of Biotechnology*, 8(4), 614-618

**A1.9. Aasim M,** Khawar KM, Özcan S (2009). In vitro micropropagation from plumular apices of Turkish cowpea (*Vigna unguiculata* L.) cultivar Akkiz. *Scientia Horticulturae*, 122(3), 468-471

**A1.10. Aasim M,** Khawar KM, Ozcan S (2009). Comparison of shoot regeneration on different concentrations of Thidiazuron from shoot tip explant of Cowpea on gelrite and agar containing medium. *Notulae Botanicae Horti Agrobotanica Cluj-Napoca*, 37(1), 89-93

**A1.11. Aasim M,** Khawar KM, Ozcan S (2010). Efficient in vitro propagation from preconditioned embryonic axes of Turkish cowpea (*Vigna unguiculata* L.) cultivar Akkiz. *Archives of Biological Sciences*, 62(4), 1047-1052

**A1.12. Avci S,** Cocu S, Aasim M, Sancak S, Ozcan S (2010). Effects of treating with auxin solutions on rooting of cuttings of sainfoin (*Onobrychis viciifolia*). *Tropical Grasslands*, 44(1), 123-127.

**A1.13. Aasim M,** Hussain N, Umer EM, Zubair M, Hussain SB, Saeed S, Rafique TS, Sancak C (2010). In vitro shoot regeneration of fenugreek (*Trigonella foenum-graecum* L.) using different cytokinins. *African Journal of Biotechnology*, 9(42), 7174-7179

- A1.14. Aasim M**, Day, S., Rezai, F., Hajyzadeh, M., Mahmud, S.T., Ozcan, S. (2011). In Vitro Shoot Regeneration From Preconditioned Explants Of Chickpea (*Cicer arietinum* L.) cv. Gokce", African Journal of Biotechnology, 10 (11), 2020-2023
- A1.15. Aasim, M.**, Sahin-Demirbag, N., Khawar, K.M., Kendir, H., Özcan, S (2011). Direct Axillary shoot Regeneration From The Mature Seed Explant Of The Hairy Vetch (*Vicia villosa* Roth)", Archives of Biological Sciences, 63(3), 757-762
- A1.16. Aasim, M.**, Özcan S.F., Khawar, K.M., Özcan, S (2012). Comparative studies on the competence of axillary shoot regeneration on unsliced and longitudinally sliced cotyledon nodes of cowpea (*Vigna unguiculata* (L.) Walp.)", Turkish Journal of Botany, 37(2), 281-287
- A1.17.** Micropropagation of lentil (*Lens culinaris* Medik.) using pulse treatment of immature plumular apices", Pakistan Journal of Agricultural Sciences, 49(2), 149-154
- A1.18.** Karatas, M., **Aasim, M.**, Dogan, M., Khawar, K. M. (2013). Adventitious shoot regeneration of the medicinal aquatic plant water hyssop (*Bacopa monnieri* L. PENNELL) using different internodes. Archives of Biological Sciences, 65 (1), 297-303
- A1.19. Aasim, M.**, Day, S., Rezaei, F., Hajyzadeh, M. (2013). Multiple shoot regeneration of plumular apices of chickpea. Turkish Journal of Agriculture and Forestry, 37: 33-39
- A1.20.** Karataş M, **Aasim M**, Çınar A, Dogan m (2013). Adventitious Shoot Regeneration from Leaf Explant of Dwarf Hygro (*Hygrophila polysperma* (Roxb.) T. Anderson). The Scientific World Journal. <http://dx.doi.org/10.1155/2013/680425>
- A1.21.** Khawar, K.M., Onarici, S., Ozel, C.A., **Aasim, M.**, Bakhsh, A., Rao, A.Q. (2013). Plant Biotechnology. Scientific World Journal, doi: 10.1155/2013/736731 (Editorial Note).
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- A1.23.** Karataş, M., **Aasim, M.**, Dogan, M. (2014) Multiple shoot regeneration of *Ceratophyllum demersum* L. on agar solidified and liquid mediums. Fresenius Environmental Bulletin, 24, 3-9.
- A1.24.** Barpete, S., **Aasim, M.**, Özcan S.F., Khawar, K.M., Özcan, S (2014). Preconditioning effect of cytokinins on in vitro multiplication of embryonic node of grass pea (*Lathyrus sativus* L.) cultivar Gürbüz. Turkish Journal of Biology, 38, 485-492
- A1.25.** Karataş, M., **Aasim, M.**, Çiftçioğlu (2014). Adventitious shoot regeneration of Roundleaf toothcup-*Rotala rotundifolia* [(Buch-Ham. ex Roxb) Koehne]. Journal of Animal and Plant Sciences, 24, 838-842
- A1.26.** Karataş, M., **Aasim, M.**, Çınar, A., (2014). Adventitious Shoot Regeneration Of Dwarf Hygro (*Hygrophila Polysperma*) Under *In Vitro* Conditions. Fresenius Environmental Bulletin, 23, 2190-2194.
- A1.27.** Karataş, M., Aasim, M., (2014). Efficient Adventitious Shoot Regeneration of Medicinal Aquatic Plant Water Hyssop (*Bacopa monnieri* L. Pennell). Pakistan Journal of Agricultural Sciences 51, 665-670
- A1.28.** Ekmekçi H., **Aasim M** (2014). *In vitro* plant regeneration of Turkish Sweet Basil (*Ocimum basilicum* L.). Journal of Animal and Plant Sciences, 24, 1758-1765
- A1.29.** Karataş M, **Aasim M** (2015). *In Vitro* Plantlet Regeneration From Nodal Segments of Creeping Jenny (*Lysimachia nummularia* L.)- A Medicinal Aquatic Plant, Fresenius Environmental Bulletin, 24(4), 1263-1268
- A1.30.** Koca A., **Aasim M** (2015). Establishment of Efficient Micropropagation system in Bishop's Weed (*Trachyspermum Ammi* L) Using Mature Seed Explant. Journal of Animal and Plant Sciences, 25 (2): 478-484
- A1.31.** Barpete, S., Özcan S.F., **Aasim, M.**, Özcan, S. (2015). In vitro high frequency regeneration through apical shoot proliferation of *Hemianthus callitrichoides* "cuba", A multipurpose ornamental aquatic plant. Turkish Journal of Biology, 39, 493-500
- A1.32.** Bakhsh A, Anayol E, Özcan SF, Hussain T, **Aasim M**, Khawar KM, Özcan S (2015). An insight into cotton genetic engineering (*Gossypium hirsutum* L.): current endeavors and prospects. Acta Physiologiae Plantarum 37(171) DOI 10.1007/s11738-015-1930-8.

- A1.33.** Özcan FS, Yildiz M, Ahmed HA, **Aasim M** (2015). Effects of squirting cucumber (*Ecballium elaterium*) fruit juice on Agrobacterium tumefaciens-mediated transformation of plants. Turkish Journal of Biology. 39, 790-799
- A1.34.** Karataş M, **Aasim M** (2015). In Vitro Whole Plant Regeneration of Medicinal Aquatic Plant-*Limnophylla aromatica*. Fresenius Environmental Bulletin, 24, 2747-2750
- A1.35.** Karataş M, Dogan M, Emsen B, **Aasim M (2015)**. Determination of in vitro free radical scavenging activities of various extracts from in vitro propagated *Ceratophyllum demersum* L. Fresenius Environmental Bulletin, 24, 2946-2952
- A1.36.** **Aasim M** (2015). Adventitious bulblet regeneration of endemic Ovacik Garlic (*Allium tuncelianum* Kollman, Özhatay, Mathew, Şiraneci) using wintered half clove explant, Romanian Biotechnological Letters, 20, 10845-10851
- A1.37.** Dogan M, Karataş M, **Aasim M** (2015). An efficient in vitro plantlet regeneration of *Ceratophyllum demersum* L., an important medicinal aquatic plant. Fresenius Environmental Bulletin, 24(10), 3499-3504
- A1.38.** Day S, **Aasim M**, Bakhsh A. (2016). Effects of preconditioning, plant growth regulators and KCl on shoot regeneration of peanut (*Arachis hypogea*). Journal of Animal and Plant Sciences, 26, 294-300
- A1.39.** Anayol E, Bakhsh A, Karakoç OC, Onarici S, Kom D, **Aasim M**, Ozcan FS, Barpete S, Khakbazi SD, Önoğ B, Sancak C, Khawar KM, Ünlü L, Özcan S (2016). Towards better insect management strategy: restriction of insecticidal gene expression to biting sites in transgenic cotton. Plant biotechnology Reports, 10 (2), 83-94
- A1.40.** Çakmak D, Karaoğlu C, **Aasim M**, Sancak S, Özcan S (2016). Advancement in protocol for in vitro seed germination, regeneration, bulblet maturation and acclimatization of *Fritillaria persica*. Turkish journal of Biology. 40(4), 878-888
- A1.41.** Influence of Light Emitting Diodes and Benzylaminopurin on Adventitious Shoot Regeneration of Water Hyssop (*Bacopa monnieri* L. Pennel.) in Vitro. Archives of Biological Sciences, 68(3), 501-508
- A1.42.** Çakmak D, Sancak S, Karaoğlu C, Parmaksiz I, **Aasim M**, Özcan S (2016). Efficient in vitro bulblet regeneration from immature zygotic embryos of *Fritillaria imperialis* and *F. Persica*. Fresenius Environmental Bulletin, 25(8), 2795-2802
- A1.43.** Emsen B, Doğan M, **Aasim M**, Yildirim E (2016). Insecticidal activity of in vitro propagated aquatic plant *Ceratophyllum demersum* against Granary Weevil *Sitophilus granarius* L. (Coleoptera: Curculionidae). Egyptian Journal of Biological Pest Control. 26(3), 619-624
- A1.44.** Dogan, M, Karataş, M., **Aasim, M.**, (2016). *In vitro* shoot regeneration from shoot tip and nodal segment explants of *Pogostemon erectus* (Dalzell) Kuntze, a multipurpose ornamental aquatic plant. Fresenius Environmental Bulletin, 25, 4777-4782
- A1.45.** Karataş, M., **Aasim, M.**, Dogan, M. (2016). Efficacy of in vitro propagated coontail (*Ceratophyllum demersum* L.) on quality of different water samples. Fresenius Environmental Bulletin, 25, 5113-5119
- A1.46.** Baloch FS, Alsaleh A, Shahid MQ, Ciftci V, Sa'enz de Miera LE, **Aasim M**, Nadeem MA, Aktaş H, Ozkan H, Hatipoğlu E (2017). A Whole Genome DArTseq and SNP Analysis for Genetic Diversity Assessment in Durum Wheat from Central Fertile Crescent. PLoS ONE 12(1): e0167821. doi:10.1371/journal.pone.0167821
- A1.47.** Emsen B, Sadi G, Kocabaş A, Çinar S, Kaya A, **Aasim M** (2016). In vitro cytotoxicity, antibacterial and in vitro cytotoxicity, antibacterial and antioxidant properties of various extracts from *Schizophyllum commune* Fr. Fresenius Environmental Bulletin, 26:1144-1153
- A1.48.** Barpete, S., **Aasim, M.**, Özcan S.F., Khawar, K.M., Özcan, S (2017). High frequency axillary shoots induction in grass pea (*Lathyrus sativus* L.). Bangladesh J. Bot. 46(1): 119-124
- A1.49.** Doğan M, Emsen B, **Aasim M**, Yildirim E (2016). *Ceratophyllum demersum* L. as botanical insecticide for control of maize weevil (*Sitophilus zeamais* Motschulsky). Egyptian Journal of Biological Pest Control 27:11-15
- A1.50.** Day S, **Aasim M**, Labar NH (2017). Preconditioning of plumular apices explants of peanut (*Arachis hypogaea*) with 6-Benzylaminopurine. Pakistan journal of Agricultural Research, 54:255-260

**A1.51.** Day S, **Aasim M** (2017). In vitro screening of preconditioned plumular apices explants of peanut (*Arachis hypogaeae*) to different salts concentration. *Fresenius Environmental Bulletin*, 26:4671-4676

**A1.52.** Ahmed HAA, Onarici S, Bakhsh A, Akdoğan G, Karakoç OC, Özcan SF, Aydın G, **Aasim M**, Ünlü L, Sancak C, Naimov S, Özcan S (2017). Targeted expression of insecticidal hybrid SN19 gene in potato leads to enhanced resistance against Colorado potato beetle (*Leptinotarsa decemlineata* Say) and tomato leafminer (*Tuta absoluta* Meyrick). *Plant biotechnology Reports*, 11:315-329

**A1.53.** Day S, Çıklı Y, **Aasim M** (2017). Screening of three safflower (*Carthamus tinctorius* L.) cultivars under boron stress. *Acta Sci. Pol. Hortorum Cultus*, 16(5):109-116

**A1.54** Dogan M, Karataş M, **Aasim M** (2018). Investigation of chromium (III) accumulation of *Ceratophyllum demersum* L. under in vitro conditions. *Kahramanmaraş Sutcu Imam University Journal of Natural Sciences*, 21: 277-285 (ESCI)

**A1.55** Bakhsh A, Dinç T, Hussain T, Demirel U, **Aasim M**, Çalışkan ME (2018). Development of transgenic tobacco lines with pyramided insect resistant genes. *Turkish Journal Of Biology*, 42: DOI: 10.3906/biy-1710-71

**A1.56** Karataş M, **Aasim M**, Kaya E (2018). Response of Different Nodal and Internodal Explants on In Vitro Shoot Regeneration of Aquatic Plant-*Shinnersia rivularis* Weiss-Grün. *Journal of Animal and Plant Sciences*, 28(2): 449-455

**A1.57** Karataş M, **Aasim M**, Dazkırılı M (2018). Efficacy of Light Emitting diodes (LEDs) Lighting System for *In vitro* Shoot Regeneration of Medicinal Water hyssop (*Bacopa monnieri* L. PENNEL). *Romanian Biotechnology Letters*. 23:13197-13204

**A1.58** Dogan M, Karataş M, **Aasim M** (2018). Cadmium and lead bioaccumulation potentials of an aquatic macrophyte *Ceratophyllum demersum* L.: A laboratory study. *Ecotoxicology and Environmental Safety*. 148: 431-440

**A1.59** Barpete S, **Aasim M**, Fatih ÖS, Özcan S (2019) Effect of gibberellic acid on *in vitro* flowering from stem node explant of *Anubias barteri* var. Nana. *Research Journal of Biotechnology*. 14:83-88 (ESCI)

**A1.60** Özkan H, **Aasim M** (2019) Potential of pretreated explants of peanut (*Arachis hypogaeae* LINN.) to micropropagation under in vitro conditions. *Pakistan Journal of Agricultural Sciences*, 56: 775-780

**A1.61** Ahmad F, Iqbal N, Zaka SM, Qureshi MK, Saeed Q, Khan KA, Ghramh HA, Ansari MJ, Jaleel W, **Aasim M**, Awar MB (2019). Comparative insecticidal activity of different plant materials from six common plant species against *Tribolium castaneum* (Herbst) (Coleoptera: Tenebrionidae). *Saudi Journal of Biological Sciences*, 26:1804-1808. <https://doi.org/10.1016/j.sjbs.2018.02.018>

**A1.62** **Aasim M**, Aydın S, Karataş M, Aydın ME, Soğukpınar C, Sevinc C (2020). **Bioaccumulation potential of In vitro regenerated plants of *Ceratophyllum demersum* against Chromium – A lab study.** *Asian Journal of Agriculture and Biology*, 8:233-239.

**A1.63** Ali F., Nadeem M.A., Barut M., Habyarimana E., Chaudhary H.J., Khalil I.H., Alsaleh A., Hatipoğlu R., Karaköy T., Kurt C., **Aasim M.**, Sameeullah M., Ludidi N., Yang S, H., Chung G., Baloch F.S. 2020. Genetic diversity, population structure and marker-trait association for 100-seed weight in international safflower panel using silicoDArT marker information. *Plants* 2020, 9, 652 doi:10.3390/plants9050652.

## **A2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler**

**A2.1.** Klasra MA, Khawar KM, **Aasim M** (2007). History of tea production and marketing in Turkey. *International Journal of Agriculture and Biology*, 9(3), 523529.

**A2.2.** **Aasim M**, Khawar KM, Sancak C, Özcan S (2009). In vitro shoot regeneration of Fenugreek (*Trigonella foenumgraecum* L. *American Eurasian journal of Sustainable Agriculture*, 3(2), 135-138.

**A2.3.** **Aasim M** (2010). In Vitro Shoot Regeneration of NAA-Pulse Treated Plumular Leaf Explants of Cowpea. *Notulae Scientia Biologicae*, 2(2), 60-63.

**A2.4. Aasim M** (2012). In vitro shoot regeneration of common vetch (*Vicia sativa* L.) using immature cotyledons. *Journal of Applied Biological Sciences*, 6(2), 43-45.

**A2.5. Aasim M**, Karataş M, Khawar KM, Doğan M (2013). Optimization of Sterilization and Micropropagation of Water Lettuce (*Pistia stratiotes* L.). *Journal of Applied Biological Sciences*, 7(3), 71-74.

**A2.6.** Çınar A, Karataş M, **Aasim M** (2013). High Frequency Plant Regeneration of Dwarf Hygro (*Hygrophila polysperma* [Roxb.] T. Anderson) on Liquid Culture. *Journal of Applied Biological Sciences*, 7: 75-78.

**A2.7. Aasim M** Khawar KM, Yalcin G, Bakhsh A (2014). Current trends in fenugreek biotechnology and approaches towards its improvement. *American Journal of Social Issues and Humanities*, 127-136 (Fenugreek Special Issue Mar/Apr 2014).

**A2.8.** Bakhsh A, **Aasim M**, Zia AB, Doğan M, Sadı G, Karataş M, Khawar KM (2016). First Report of *Agrobacterium tumefaciens* mediated genetic transformation of aquatic rice paddy herb (*Limnophila aromatica*). *Turkish Journal of Agriculture-Food Science and Technology*, 4(8): 642-645.

**A2.9.** Özbay M, Karataş M, **Aasim M** (2016). Determination of different demographic, socio-economic factors on bulgur consumption in Karaman. *Journal of Applied Biological Sciences*, 10:53-60.

**A2.10. Aasim M**, Doğan M, Karataş M, Khawar KM (2017) In vitro whole plant regeneration of water lettuce (*Pistia stratiotes* L.) using Thidiazuron. *Journal of Global Innovation in Agriculture and Social Sciences*, 5:1-4

**A2.11.** Sadi G, Karabakan B, **Aasim M** (2017). Biochemical characterization of four different genotypes of Flax (*Linum usitatissimum* L.) seeds. *Anatolian Journal of Botany* 1(1):12-17.

**A2.12.** Karataş M, Çiftçioğlu Muzaffer, **Aasim M** (2017). In vitro high frequency axillary shoot regeneration of Roundleaf toothcup-*Rotala rotundifolia* [(BuchHam. ex Roxb) Koehne]. *Journal of Applied Biological Sciences*, 11:44-47.

**A2.13. Aasim M**, Kahveci B, Korkmaz E, Doğanay F, Bakırcı Ş, Sevinc C (2018). TDZ-IBA induced adventitious shoot regeneration of water balm (*Melissa officinalis* L.). *Journal of Global Innovation in Agriculture and Social Sciences*, 6:35-39.

**A2.14.** Dogan M, Karataş M, **Aasim M** Kadmiyum, Krom ve Kurşunun *Ceratophyllum demersum* L. Ve *Pogostemon erectus* (Dalzeli) Kuntze üzerine fitotoksitesinin değerlendirilmesi. *Karalmas Fen ve Mühendislik Dergisi*, 8:543-550.

**A2.15. Aasim M**, Karataş M, Bakırcı Seyma, Sevinc Canan (2018). In vitro adventitious shoot regeneration of water hyssop (*Bacopa monnieri* L. Pennel) under light emitting diodes. *Journal of Global Innovation in Agriculture and Social Sciences*, 6:129-133.

**A2.16.** Kirtis Arife, **Aasim M** (2019) Thidiazuron (TDZ) Induced In Vitro Axillary Shoot Regeneration of Desi Chickpea (*Cicer auritinum* L.). *Journal of Applied Biological Sciences*, 13:17-20.

**A2.17. Aasim M**, Usta A, Sevinc C, Karataş M (2019). An insight into *Agrobacterium tumefaciens*-mediated Genetic Transformation studies in Mungbean (*Vigna radiata* L.Wilczek). *Glob. Innov. Agric. Soc. Sci.*, 7:47-51 (Review Article).

**A2.18.** Özkan H, **Aasim M** (2020). Comparison of in vitro Regeneration Potential of Different Preconditioned and Nonconditioned Explants of Peanut (*Arachis hypogaea* L). *J. Environ. Agric. Sci* 22(2): 11-19.

**A2.19.** Kirtiş A, **Aasim M** (2020). In Vitro Axillary Shoot Regeneration From Shoot Tip Explant Of Desi Chickpea (*Cicer Arietinum* L.). *Journal of Global Innovations in Agricultural and Social Sciences* 8(2):65-69.

## **B1. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan tam metin bildiriler**

**B1.12.** Karataş, M., Doğan M, **Aasim, M.** (2016). Effect of Thidiazuron (TDZ) and 1-Naphthaleneacetic acid (NAA) on In Vitro Propagation of *Pogostemon erectus* (Dalzell) Kuntze From Shoot Tip Explants. 5th International Molecular Biology and Biotechnology Congress, August 25-29, Skopje, Macedonia.

**B1.15.** Dogan M, Karatas M, **Aasim M** (2016). *Pogostemon erectus* (Dalzell) Kuntze'un sürgün ucu eksplantlarından mikroçoğaltımı. 1st International Mediterranean Science and Engineering Congress (IMSEC 2016) Çukurova University, Congress Center, October 26-28, 2016, Adana / TURKEY Pages: 192-196, Paper ID:77

**B1.16.** Doğan M, Karataş M, **Aasim M** (2017). Bioaccumulation and physio-biochemical parameters of *in vitro* regenerated *Pogostemon erectus* (DALZELL) KUNTZE to Cd - A study for phytoremediation. EXCEED-SWINDON Regional Expert Workshop, 25-30 April, 2017, Cairo, Egypt.

**B1.29.** Okan, NO, **Asim M**, Karataş M (2019). Effect of TiO<sub>2</sub> Nanoparticles on *in vitro* Shoot Regeneration of Chickpea (*Cicer arietinum* L). 5th International Agriculture Congress, August 21-24, 2019, Istanbul, Turkey

**B1.31.** **Aasim M**, Korkmaz E (2019). Edible and Medicinal Aquatic plants Biotechnology. 1st International Congress of Medical Sciences and Biotechnology. October 2019, Uşak Turkey (Tam Metin-Davetli Konuşmacı).

## **B1. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan özet metin bildiriler**

**B1.1 Aasim M**, Khawar KM and Özcan S (2008). Efficient, Simple and Rapid Transformation of two Turkish Cowpea (*Vigna unguiculata* L.) Cultivars by *Agrobacterium tumefaciens*. OC7 S3 pp., International Symposium on Biotechnology, Sfax, Tunisia, 4-8 May, 2008

**B1.2. Aasim M**, Yucel AY, Khawar KM and Özcan S (2008). *In vitro* shoot regeneration of Fenugreek (*Trigonella foenum-graceum* L.)", 15 pp., 1st International Symposium on medicinal Plants Petra-Jordan, 15-16 Oct 2008

**B1.3.** Bakhsh, A., Onarici, S., Özcan, S.F., Ahmed, H.A., Khawar, K.M., **Aasim, M.**, ÖZCAN, S, (2011). A Molecular Approach To Restrict Insecticidal Gene Expression In Insect Biting Sites of Transgenic Crops", 51 pp., 3rd Biosafety and Genetic Engineering Congress, Tehran, Iran, 13-15 June, 2011

**B1.4.** Khawar, K.M., **Aasim, M.**, Ozturk, M., Bakhsh, A., Ozcan, S., Atar, H.H (2011). Status Of Aquatic Plant Tissue Culture In Turkey", S65 pp., European Biotechnology Congress 2011 Istanbul-Turkey, Sep 28-Oct1, 2011.

**B1.5.** Bakhsh A, **Aasim M**, Rao, AQ, shahid AA, khawar KM, Özcan S, Husnain T, (2011). Paradigms of biotechnology in Pakistan", S65 pp., ., European Biotechnology Congress 2011 Istanbul-Turkey, Sep 28-Oct1, 2011.

**B1.6** Karataş, M., **Aasim, M.**, Çiftçioğlu, M., doğan, M. (2013). *In vitro* shoot regeneration of Medicinal aquatic plant *Rotala rotundifolia* (Buch-Ham. ex Roxb) Koehne]. 5th Global Summit on Medicinal and Aromatic Plants, 08-12 Dec. 2013, Miri, Malaysia.

**B1.7** Karataş, M., **Aasim, M.**, Çınar, A., Doğan, M. (2013). *In vitro* shoot regeneration of Medicinal dwarf hygro (*Hygrophila Polysperma*). 5th Global Summit on Medicinal and Aromatic Plants, 08-12 Dec. 2013, Miri, Malaysia.

**B1.8** Karataş, M., **Aasim, M.** (2014). *In vitro* Multiple Shoot regeneration of aquatic *Lysimachia nummularia* L. 3rd International Congress of Molecular Biology and Biotechnology, 2-6 June, 2014, Sarajevo, Bosnia Herzegovina.

**B1.9. Aasim M**, Bakhsh A, Sadi G, Zia MAB, Karataş M, Khawar KM (2015). Establishment of an efficient reproducible genetic transformation method in aquatic plant (*Bacopa monnieri* L.). International Congress on Applied Biological, 16-20 Sep. Skopje, Macedonia

**B1.10.** Bakhsh A, **Aasim M**, Demirel U, Hussain T, Zia MAB, Çalışkan ME (2015). Gene Pyramiding Strategy To Develop Sustainable Insect Resistant Tobacco Lines. International Congress on Applied Biological Sciences, 16-20 Sep. Skopje, Macedonia

**B1.11.** Özkan H, **Aasim M** (2016). *In Vitro* Shoot Regeneration From Preconditioned Explants of Peanut (*Arachis hypogea*). 5th International Molecular Biology and Biotechnology Congress, August 25-29, Skopje, Macedonia.

**B1.13.** Doğan M, Karataş M, **Aasim M** (2016). Su Ortamındaki Kadmiyum, Krom ve Kurşunun Ceratophyllum demersum L. Tarafından Alımı Üzerine Sıcaklık ve pH'ın Etkisi. 4th International Symposium On Development Of Kop Region Karaman - Turkey / October 21-23, 2016



**B1.14.** Doğan M, Karataş M, **Aasim M** (2016). Kadmiyum, Krom ve Kurşunun *Pogostemon erectus* (Dalzell) Kuntze Kullanılarak Su Ortamından Uzaklaştırılması Üzerine Sıcaklık ve pH'nin Etkisi. 4th International Symposium On Development Of Kop Region Karaman - Turkey / October 21-23, 2016

**B1.17.** Doğan M, Karataş M, **Aasim M** (2017). Axillary Shoot Regeneration of *Pogostemon erectus* (Dalzell) Kuntze From Nodal Explants. 1st International Congress On Medicinal and Aromatic Plants -Natural and Healthy Life. 10-12 may 2017 Konya, Turkey.

**B1.18.** Doğan M, Karataş M, **Aasim M** (2017). Investigation of chromium toxicity effects on contents photosynthetic pigment, protein contents and lipid peroxidation of *ceratophyllum demersum* L., an important medicinal aquatic plant. 1st International Congress On Medicinal and Aromatic Plants -Natural and Healthy Life. 10-12 may 2017 Konya, Turkey.

**B1.19 Aasim M, Kirtiş A, Karataş M** (2017). An insight into In vitro propagation of aquatic plants in Turkey. 3rd International Agriculture Congress, 14-18 August, 2017, Skopje, Macedonia. (Corr. Author)

**B1.20** Day S, Gürsoy M, Koçak N, Taşkin B, Beyzi E, **Aasim M** (2017). Impact of Boron (B) Applications on Yield Components and Minerals Content of Safflower Cultivars. 3rd International Agriculture Congress, 14-18 August, 2017, Skopje, Macedonia.

**B1.21** Karataş M, **Aasim M**, Bakhsh A, Baloch FS, Sameullah M, Khawar KM (2017). Micropropagation of Aquatic and Semi-Aquatic Medicinal Plants. 3rd International Agriculture Congress, 14-18 August, 2017, Skopje, Macedonia.

**B1.22.** Doğan M, Karataş M, **Aasim M** (2017). Phytoremediation of chromium (III) from aqueous solution using *Ceratophyllum demersum* L., A hyperaccumulator aquatic plant. 20TH International Symposium "The Environment And The Industry". 28-29 Sep, 2017 Romania.

**B1.23.** Karataş M, **Aasim M** (2017). Effects of BA-IBA on vitro Adventitious Shoot Regeneration of Water hyssop (*Bacopa monnieri* L.). VI. International Molecular Biology and Biotechnology Congress, 22-25 Dec 2017, Afyon, Turkey.

**B1.24.** **Aasim M**, Karataş M (2017). In vitro Axillary Shoot Regeneration of Cream Coloured Cowpea (*Vigna unguiculata* L.). VI. International Molecular Biology and Biotechnology Congress, 22-25 Dec 2017, Afyon, Turkey.

**B1.25.** **Aasim M**, Korkmaz E, Kahveci B, Erci F, Karataş M (2018). Effects of Silver Nanoparticles on In Vitro Adventitious Shoot Regeneration from Upper Half Leaf Explant of Water Hyssop (*Bacopa monnieri* L. Wettst.). International Ecology 2018 Symposium, 19-23 June, 2018, Ksatamonu, Turkey

**B1.26.** **Aasim M**, Karataş M (2018). Interactive effects of Thidiazuron (TDZ) and Light Emitting Diodes (LEDs) on in vitro adventitious shoot regeneration of water hyssop (*Bacopa monnieri*). 4th International Conference on Applied Biological Sciences (ICABS 2018) May 3-5, 2018 Eskişehir, Turkey

**B1.27.** **Aasim M** (2019) In vitro propagation of white pitahaya (*Hylocereus undatus*). International Horticulture Conference, 26-28 February, Multan, Pakistan

**B1.28.** **Aasim M** (2019) Plant Tissue Culture for Horticultural Plants in Turkey: Role of Private Sector. International Horticulture Conference, 26-28 February, Multan, Pakistan

**B1.29.** Sevinc C, **Asim M**, Bakhsh A (2019). Optimization of Genetic transformation studies for aquatic plant-Coontail (*Ceratophyllum demersum* L.) used for Phytoremediation coauthored by Muhammad Asim and Allag Bakhsh"Eurasian Congress on Molecular Biotechnology (ECOMB2019), September, 19-21, 2019, Trabzon, Turkey

**B1.30.** Karataş M, Aasim M (2019). Role of Medicinal Aquatic Plants in Biotechnology. 8th International Molecular Biology And Biotechnology Congress 17 - 20 December 2019. Afyon, Turkey

## **B2. Uluslararası bilimsel toplantılarda poster sunumu ve bildiri kitabında (Proceedings) basılan tam metin bildiriler**

**B2.1.** Sağlam S., **Aasim M.**, Khawar K. M., Özcan S., Çiftçi C. Y, (2007). Comparison of Adventitious Shoot Regeneration from Hypocotyl Explants of *Isatis tinctoria* L. subsp. *Tinctoria* on



Agar and Isubgol Gelled Media. V International Congress Propagation of Ornamental Plants- Abstract Book 170 pp., Sofia, Bulgaria, 5-8 Sep, 2007

**B2.2. Aasim M**, Day S, Khawar KM, Ozcan S, (2010). In Vitro Shoot Regeneration from BAP Induced Pulse Treatment in Chickpea (*Cicer arietinum* L.). Legumes for Global Health Legume Crops and Products for Food, Feed and Environmental Benefits. 7 pp., Antalya, Turkey, April 26-30, 2010

**B2.3. Aasim M**, Khawar KM, Ozcan S (2010). Efficient, Simple and Rapid Agrobacterium tumefaciens Mediated Genetic Transformation in Cowpea (*Vigna unguiculata* L.). Legumes for Global Health Legume Crops and Products for Food, Feed and Environmental Benefits. 175 pp., Antalya, Turkey, April 26-30, 2010

**B2.4. Aasim M**, Khawar KM, Ozcan S (2010). In vitro shoot regeneration from immature plumule explant of Lentil (*Lens culinaris* Medik.). Legumes for Global Health Legume Crops and Products for Food, Feed and Environmental Benefits. 175 pp., Antalya, Turkey, April 26-30, 2010

**B2.5.** Gürlek D, Ozcan S, Khawar KM, **Aasim M** (2010). Micropropagation of endemic *Origanum acutidens* (Hand.-Mazz.) Iestwaart. Biology of Rare and Endemic Plant Species. 72-73 pp., Muğla, Turkey, 26-29 May 2010

**B2.6. Aasim M**, Gürlek D, Khawar KM, Ozcan S (2010). In vitro bulblet regeneration of endemic Tunceli garlic (*Allium tuncelianum*). Biology of Rare and Endemic Plant Species. 60 pp., Muğla, Turkey, 26-29 May 2010

**B2.7. Aasim M**, Khawar K.M., Ozcan SF, Yildiz M, Sancak C, Ozcan S (2011). Transformation of Cowpea (*Vigna unguiculata* L.) by Agrobacterium tumefaciens carrying cry genes. In Vitro Biology Meeting. 111 pp., Raleigh, North Carolina, USA, June 4-8, 2011 (**In vitro Cellular and Developmental Biology-Animal**).

**B2.8.** Baloch, F.S., Bakhsh, A., **Aasim, M** (2011). RuBisco Small Subunit As Strong Green Tissue Specific Promoter. European Biotechnology Congress, S139 pp., Istanbul-Turkey, Sep 28-Oct1, 2011 (**Current Opinion in Biotechnology**)

**B2.9.** Gurlek, D., **Aasim, M.**, Özcan, S (2011). In Vitro Rooting Without Exogenous Auxins And Acclimatization Of Fritillaria Species Of Turkey. European Biotechnology Congress, S140 pp., Istanbul-Turkey, Sep 28-Oct1 2011 (**Current Opinion in Biotechnology**)

**B2.10. Aasim, M.**, Bakhsh, A., Khawar, K.M., Özcan, S (2011). Past, Present and Future of Tissue Culture and Genetic transformation Research on Cowpea (*Vigna unguiculata* L.). European Biotechnology Congress, S131 pp., Istanbul-Turkey, Sep 28-Oct1 2011 (**Current Opinion in Biotechnology**)

**B2.11. Aasim M**, Soydan B (2012). Effects of LED lights and sucrose concentration on rooting and bulblet size of *Muscari muscarimi* Medicus. XI International Symposium on Flower Bulbs and Herbaceous Perennials, 231 pp., Antalya, Mar 28- Apr 1, 2012.

**B2.12.** Koca, A., Çınar, A., **Aasim, A.**, Khawar, K.M. (2013) In vitro shoot regeneration from mature zygotic embryo of *Trachyspermum ammi*. 1st Mediterranean Symposium on Medicinal and Aromatic Plants. April 17-20, 2013, Gazimagosa (Famagusta), Turkish Republic of Northern Cyprus.

**B2.13.** Ekmekci H, Koca A, Çınar A, **Aasim M**, Khawar KM (2013). *In vitro* shoot regeneration potential of different explants of sweet basil (*Ocimum basilicum* L.). 1st Mediterranean Symposium on Medicinal and Aromatic Plants. April 17-20, 2013, Gazimagosa (Famagusta), Turkish Republic of Northern Cyprus.

**B2.14.** Ozcan S, Anayol E, Bakhsh A, Ozcan SF, **Aasim M**, Gurbuz B, Unlu L (2014). Elimination of unnecessary protein production in transgenic plants. IN VITRO BIOLOGY MEETING 2013, (**In vitro Cellular and Developmental Biology-Plant, 50: 516, January 2014**)

**B2.15** Karataş, M., **Aasim, M.**, Çiftçioğlu, M., doğan, M. (2013). In vitro whole plant regeneration of *Rotala rotundifolia* in liquid culture. International Conference on Environmental Science and Technology-icoest 2013, 18-21 June, 2013, , Capadocia, Nevşehir, Turkey.

**B2.16.** Karataş, M., **Aasim, M.**, Çınar, A., Doğan, M. (2013). In vitro axillary shoot regeneration of dwarf hygro (*Hygrophylla polysperma*). International Conference on Environmental Science and Technology-icoest 2013, 18-21 June, 2013, , Capadocia, Nevşehir, Turkey.

**B2.17** Karataş, M., Doğan, M., **Aasim, M.** (2013). Phytoremediation of wastewater by in vitro grown *Ceratophyllum demersum* L. The Second International Conference on Water, Energy and The Environment-ICWEE 2013, 21-24 Sep. 2013, Kuşadaşı, Turkey.

- B2.18.** Barpete S, Anayol E, Ahmed HA, Özcan SF, Kom S, Delpasand S, **Aasim M**, Khawar KM, Özcan S (2014). Optimization of in vitro culture conditions for genetic transformation of Cotton (*Gossypium hirsutum* L.). International Plant Breeding Congress, 10-14 Nov 2013, Antalya, Turkey.
- B2.19** Karataş, M., **Aasim, M.** (2014). Efficacy of different MS concentrations on in vitro shoot regeneration of 5
- B2.21** Emsen B, Dogan M, **Aasim M**, Yıldırım E (2015). Insecticidal effect of in vitro regenerated *Ceratophyllum demersum* L. against *Sitophilus zeamais* MOTSCHULSKY (Coleoptera: Curculionidae). 2<sup>nd</sup> ICSAE 2015, International Conference on Sustainable Agriculture and Environment. Sep 30-03 Oct, 2015, Konya, Turkey
- B2.22** Dogan M, Emsen B, **Aasim M**, Yıldırım E (2015). Toxicity effect of *Ceratophyllum demersum* L. propagated by tissue culture techniques on Granary Weevil. 2<sup>nd</sup> ICSAE 2015, International Conference on Sustainable Agriculture and Environment. Sep 30-03 Oct, 2015, Konya, Turkey
- B2.23** Karatas M, Dogan M, **Aasim M** (2015). Axillary shoot regeneration from shoot tip and different nodal segments of aquatic *Lysimachia nummularia* L. 2<sup>nd</sup> ICSAE 2015, International Conference on Sustainable Agriculture and Environment. Sep 30-03 Oct, 2015, Konya, Turkey
- B2.24** Karatas M, Dogan M, **Aasim M** (2015). Efficient in vitro regeneration of medicinal aquatic plant *Ceratophyllum demersum* L. 2<sup>nd</sup> ICSAE 2015, International Conference on Sustainable Agriculture and Environment. Sep 30-03 Oct, 2015, Konya, Turkey
- B2.25** Karatas M, Dogan M, **Aasim M** (2015). Effect of thidiazuron on in vitro propagation of *Ceratophyllum demersum* L. from shoot tip explants. VI International Scientific Agricultural Symposium (Agrosym 2015), 15-18 Oct, 2015, Jahornia, Bosnia Herzegovina
- B2.26** Dogan M, Emsen B, **Aasim M**, Yıldırım E (2015). Adulticidal activity of *Ceratophyllum demersum* L. propagated by tissue culture techniques against maize weevil. VI International Scientific Agricultural Symposium (Agrosym 2015), 15-18 Oct, 2015, Jahornia, Bosnia Herzegovina
- B2.27** Emsen B, Dogan M, **Aasim M**, Yıldırım E (2015). DPPH scavenging activity of methanolic extract from in vitro grown *Ceratophyllum demersum* L. VI International Scientific Agricultural Symposium (Agrosym 2015), 15-18 Oct, 2015, Jahornia, Bosnia Herzegovina
- B2.28** Emsen B, Dogan M, **Aasim M**, Yıldırım E (2015). Insecticidal activity of methanol extract of in vitro propagated *Ceratophyllum demersum* L. on *Sitophilus granarius* (L.) (Coleoptera: Curculionidae). VI International Scientific Agricultural Symposium (Agrosym 2015), 15-18 Oct, 2015, Jahornia, Bosnia Herzegovina
- B.2.29.** Karatas M, Dogan M, **Aasim M** (2016). The Surface Sterilization of *Pogostemon erectus* (Dalzell) Kuntze, An Important Aquatic Plant. 5th International Molecular Biology and Biotechnology Congress, August 25-29, Skopje, Macedonia.
- B.2.30.** **Aasim M**, Bakhsh A, Baloch FS, Day S, Khawar KM, Karataş M. (2016). Preconditioning of Explants, A Tool For Enhancing In Vitro Shoot Regeneration of Legumes. 5th International Molecular Biology and Biotechnology Congress, August 25-29, Skopje, Macedonia.
- B2.31.** Karabakan B, **Aasim M**, Sadi G (2016). Farklı Işık Kaynaklarının Aspir Tohum Çimlenmeleri Üzerine Etkilerinin Fizyolojik Olarak İncelenmesi. 4th International Symposium On Development Of Kop Region Karaman - Turkey / October 21-23, 2016.
- B2.32.** Taşbaşı BB, Kavcı E, Kirtiş A, Day S, **Aasim M**, Khawar KM (2017). Efficacy of sucrose and thidiazuron on in vitro shoot regeneration of fenugreek (*Trigonella foenum-graecum* L.). 1st International Congress On Medicinal and Aromatic Plants -Natural and Healthy Life. 10-12 may 2017 Konya, Turkey.
- B2.33.** Kavcı E, Taşbaşı BB, **Aasim M**, Day S, Bakhsh A, Khawar KM (2017). Efficacy of explant age, sucrose and thidiazuron on in vitro shoot regeneration of fenugreek (*Trigonella foenum-graecum* L.). 1st International Congress On Medicinal and Aromatic Plants -Natural and Healthy Life. 10-12 may 2017 Konya, Turkey.
- B2.34.** Doğanay FN, Kahveci B, Korkmaz E, Çelikel M, **Aasim M**, Karataş M (2017). An insight into micropropagation of water hyssop (*Bacopa monnieri* L.)-an important medicinal aquatic plant. 1st International Congress On Medicinal and Aromatic Plants -Natural and Healthy Life. 10-12 may 2017 Konya, Turkey.
- B2.35.** Kahveci B, Korkmaz E, Can B, Doğanay F, Pehlivanoğlu S, **Aasim M** (2017). Comparison of nucleotide and amino acid sequences of LRRK2 gene in different animal species. VI. International Molecular Biology and Biotechnology Congress, 22-25 Dec 2017, Afyon, Turkey.

- B2.36.** Gencer S, Ogretmen B, Korkmaz E, Kahveci B, Doğanay F, **Aasim M** (2017). CerS4/ceramide metabolism plays a key role in the regulation of cancer cell migration and invasion. VI. International Molecular Biology and Biotechnology Congress, 22-25 Dec 2017, Afyon, Turkey.
- B2.37. Aasim M, Karataş M** (2018). An Insight into In Vitro Micropropagation of Aquatic Plants in Turkey. International Ecology 2018 Symposium, 19-23 June, 2018, Ksatamonu, Turkey
- B2.38. Gulpamuk S, Keven B, Aasim M, Memon AR (2018). The development of *in vitro* regeneration method of *Brassica juncea* for gene transformation. 7th International Molecular Biology and Biotechnology Congress, 25-27 April 2018, Konya, Turkey
- B2.39. Aasim M, Karataş M, Kahveci B, Korkmaz E, Bakırcı Ş** (2018). Adventitious shoot regeneration from cotyledonary leaves of *Melissa officinalis* on medium containing TDZ-IBA. 7th International Molecular Biology and Biotechnology Congress, 25-27 April 2018, Konya, Turkey
- B2.40.** Sevinc C, **Aasim M, Karataş** (2018). Biotechnological Approches For Genetic Improvement of Cowpea (*Vigna unguiculata* L. Walp.). 7th International Molecular Biology and Biotechnology Congress, 25-27 April 2018, Konya, Turkey
- B2.41.** Akın F, **Aasim M** (2018). Interactive effects of Hydropriming and Light Emitting Diodes (LEDs) on germination and growth of Black Chickpea (*Cicer arietinum*) under in vitro conditions. 7th International Molecular Biology and Biotechnology Congress, 25-27 April 2018, Konya, Turkey
- B1.42.** Bakhsh A, Hussain T, **Aasim M, Pirlak U, Aksoy E, Caliskan ME** (2018). Development of Transgenic potato lines expressing Ecdosyne receptor gene of Colorado Potato Beetle. In Vitro Cellular and Developmental Biology-Animal, 54:S41
- B2.43. Aasim M, Baş S, Korkmaz E, Karataş M** (2019). An insight into Phytoremediation Potential of Aquatic macrophyte – *Ceratophyllum demersum* L. 8th International Molecular Biology And Biotechnology Congress 17 - 20 December 2019. Afyon, Turkey.

## C. Yazılan Uluslararası Kitaplar veya Kitaplarda Bölümler

- C1.1.** Khawar KM, Saglam S, **Aasim M, Ozel CA** (2010). Tissue culture and genetic transformation studies in *Lathyrus* species. In: Sivakumar P, Gnanam R, Khawar KM, Thangadurai (Eds). Grain Legume Research, Bioscience Publications, India, ISBN:978-81-906221-7-2
- C1.2. Aasim M, Khawar KM, Royandezagh SR, Mokhtarzadeh S, Hajyzadeh M, Ahmed HA, Ozcan S** (2010). Tissue Culture, Biotechnology and Genetic Engineering (In vitro tissue culture and Agrobacterium mediated genetic transformation in Vetches (*Vicia* sp.)). In: Sivakumar P, Gnanam R, Khawar KM, Thangadurai (Eds). Grain Legume Research, Bioscience Publications, India, ISBN:978-81-906221-7-2
- C1.3.** Sameeullah M, Aslam N, Khan FA, **Aasim M** (2018). Bioinformatics Tools Make Plant Functional Genomics Studies Easy. In Hakeem KR (Eds.) Plant Bioinformatics. Springer International Publishing AG.
- C1.4.** Sameeullah M, Gündoğdu M, Canan I, Karadeniz T, **Aasim M, Khawar KM** (2018). Fruits of Rosaceae family as a source of anticancer compounds and molecular innovations.. In (Ed) Mohd Sayeed Akhtar ve Mallappa Kumara Swamy. Anticancer Plants: Mechanisms and Molecular Interaction-Volume 4. Springer Nature Singapore. pp 319-336
- C1.5. Aasim M, Baloch FS, Joyia AN, Bakhsh A, Sameeullah M, Day S** (2018). Fenugreek (*Trigonella foenum-graecum* L) - An Underutilized Edible Plant of Modern World. In: Öztürk M, Hakeem KR, Ashraf M, Ahmad MSA (Eds). Global Perspectives on Underutilized Crops. Springer Nature, pp 381-408
- C1.6. Aasim M, Bakhsh A, Sameeullah M, Karataş M, Khawar KM** (2018). Aquatic Plants as Human Food. In: Öztürk M, Hakeem KR, Ashraf M, Ahmad MSA (Eds). Global Perspectives on Underutilized Crops. Springer Nature, pp 165-187
- C1.7. Aasim M, Baloch FS, Bakhsh A, Sameeullah M, Khawar KM** (2018). Biotechnological approaches for genetic improvement of Fenugreek (*Trigonella foenum-graecum* L). In. Kumar N (Ed.). : Biotechnological Approches for Medicinal and Aromatic Plants - Conservation, Genetic Improvement and Utilization. Springer Nature. pp 417-444

**C1.8.** Baloch FS, Nadeem MA, **Aasim M**, Kırıcı S, Kırık Ü, Nawaz MA, Maral H, Khawar KM (2018). *Laurus Nobilis* L.; a less known medicinal plant to world with diffusion, genomics, phenomics and metabolomics for genetic improvement. In: Kumar N (Ed.). : *Biotechnological Approaches for Medicinal and Aromatic Plants - Conservation, Genetic Improvement and Utilization*. Springer Nature. pp 631-653.

**C1.9.** **Aasim M**, Sameeullah M, Bakhsh A, Sevinç C, Day S, Khawar KM (2018). Plant tissue culture and genetic transformation studies of poor man crop cowpea (*Vigna unguiculata* L.). In: Nikolić BA (Ed). *Cowpea: Research Progress and Management Challenges*, Nova Publications USA. pp 65-96.

**C1.10.** **Aasim M**, Khawar KM, Ahmed SI, Karataş M (2019). Multiple Uses of Some Important Aquatic and Semi Aquatic Medicinal Plants. In: Hakeem KR (Eds.). *Plants and Human Health*. Springer International

**C1.11.** **Aasim M**, Khawar KM, Karataş M, Baloch FS, Bakhsh A (2019). An Insight to Micropropagation of Freshwater Aquatic Medicinal Plants. In: Hakeem KR (Eds.). *Plants and Human Health*. Springer International.

**C1.12.** **Aasim M**, Sameeullah M, Karataş M, Bakırcı Ş, Bakhsh A, Akhtar MS (2019). An Insight into Biotechnological Approaches Used for Improvement and Secondary Metabolites for Medicinal Aquatic Plant, Water hyssop (*Bacopa monnieri* L.). In: *Natural Bioactive compounds: Biotechnology, Bioengineering, and Molecular Approaches: Volume 3*. (Akhtar MS, Swamy MK 123-152, Springer

**C1.13.** **Aasim M**, Argon ZU, Khan AA, Day S (2019). Nutritional Values, Health Benefits and Multiple Uses of Kabuli Chickpeas. In: *Handbook of Chickpeas: Nutritional Value, Health Benefits and Management*. (Eds): Lund AT and Schultz ND. Nova Publications USA 39-56.

**C1.14.** **Aasim M**, Khan AA (2019). Nutritional Values, Health Benefits and Multiple Uses of Desi Chickpea. In: *Handbook of Chickpeas: Nutritional Value, Health Benefits and Management*. (Eds): Lund AT and Schultz ND. Nova Publications USA, 57-73.

**C1.15.** **Aasim M**, Foto E, Sameeullah M (2020). Nanoparticles for Sustainable Bioenergy and Biofuel Production. In: *Biotechnology and Biofuel: A Sustainable Green Energy Solution*. (Ed) Kumar N. Springer International. DOI: [10.1007/978-981-15-3761-5\\_2](https://doi.org/10.1007/978-981-15-3761-5_2)

**C1.16.** Day S, **Aasim M** (2020). Role of Boron in Growth and Development of Plant: Deficiency and Toxicity Perspective. In: *Plant Micronutrients, Deficiency and Toxicity Management*. DOI: [10.1007/978-3-030-49856-6\\_19](https://doi.org/10.1007/978-3-030-49856-6_19)

**C1.17.** **Aasim M**, Yalcin G, Bakhsh A, Khawar KM (2019). Retrospects. Endeavours and Prospects of Light Emitting Diodes (LEDs) in Agriculture and Plant Biotechnology. In: Öztürk M (Eds.). *Organic Agriculture and Organic Fertilizers as Possible Shields for Our Environment*. Cambridge ScholARS" UK. **(Accepted-In Press)**.

## **B6. Ulusal bilimsel toplantılarda sözlü sunumu olarak sunulan ve bildiri kitabında basılan özet bildiriler**

**B6.1** Karataş, M., Doğan, M., **Aasim, M.**, Khawar, KM. 2012. *In Vitro* Koşullarda *Bacopa monnieri* (L.) Pennell Bitkisinin Çoğaltımı. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B6.2.** Karataş M, Aasim M (2014). Farklı LED ışıklarda *Bacopa monnieri* Bitkisinin in vitro sürgün rejenerasyonu. Ulusal Botanik Kongresi, 25-28 Ekim, 2014, Muğla, Türkiye

## **B8. Ulusal bilimsel toplantılarda poster sunumu olarak sunulan ve bildiri kitabında basılan bildiriler**

**B8.1.** Sevil Sağlam, **Muhammed Aasim**, Khalid Mahmood Khawar, Sebahattin Özcan, Cemalettin Yaşar Çiftçi, XV. Ulusal Biyoteknoloji Kongresi konferansı dahilinde "XV. Ulusal Biyoteknoloji

Kongresi-Özet Bildiri" bildiri kitapçığındaki "Isatis tinctoria L. subsp. tinctoria L. (Çivitotu) Bitkisinde Değişik Jelleştirici Maddelerin In Vitro Adventif Sürgün Rejenerasyonuna Etkisi", 17 pp., Antalya, Türkiye, 28-31 Ekim, 2007

**B8.2.** Karataş, M., Çiftçioğlu, M., Doğan, M., **Aasim, M.** 2012. *Rotala* [*Rotala rotundifolia* (Buch-Ham. ex Roxb) Koehne] Bitkisinin Doku Kültürü ile Çoğaltımı. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B8.3.** Karataş, M., Çınar, A., Doğan, M., **Aasim, M.** 2012. *In vitro* koşullarda *Hygrophila polysperma* (Roxb.) T. Anderson Bitkisinin mikroçoğaltımı. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B8.4.** Ekmekçi, H., Koca, A., **Aasim, M.**, 2012. *In vitro* koşullarda Fesleğen (*Ocimum basilicum* L.) Bitkisinin mikroçoğaltım çalışmaları. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B8.5.** Karataş, M., Doğan, M., Çiftçioğlu, M., **Aasim, M.** 2012. Tilki Kuyruğu (*Ceratophyllum demersum* L.) Bitkisinde Sterilizasyon Çalışmaları. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B8.6.** Karataş, M., Çiftçioğlu, M., Doğan, M., **Aasim, M.** 2012. Su bitkilerin üretim tekniklerine genel bir bakış. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B8.7.** Karataş, M., Doğan, M., **Aasim, M.** 2012. Türkiye’de Akuatik Bitkilerin Biyoteknolojisi. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B8.8.** **Aasim M.**, Khawar KM. 2012. Plumula ucu eksplantından sürgün rejenerasyonu. 2. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 15-18 Kasım, 2012, Antalya, Türkiye.

**B8.9.** Emsen B, Doğan M, Karataş M, Aasim M. 2015. Doku kültürü teknikleri ile üretilen *Bacopa monnieri* bitkisinin protein içeriğinin belirlenmesi. 4. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 21-24 Ağustos, 2015, Afyon, Türkiye

**B8.10.** Emsen B, Doğan M, Karataş M, **Aasim M.** 2015. Akuatik bitkilerin antioksidatif kapasiteleri üzerine genel bir değerlendirme. 4. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 21-24 Ağustos, 2015, Afyon, Türkiye.

**B8.11.** Emsen B, Doğan M, Karataş M, **Aasim M.** 2015. *In vitro* koşullarda üretilen *Bacopa monnieri* L. Pennel’in klorofil içeriğinin belirlenmesi. Ulusal Botanik Kongresi, 25-28 Ağustos, 2015, Afyon, Türkiye

## Ulusal & Uluslararası Projeler

### TÜBİTAK (AKADEMİK/SANAYİ) ve SAN-TEZ destekli Projeler

1. Böceklere Geniş Spektrumlu Dayanıklılık Gösteren Patates Bitkilerinin Geliştirilmesi için Bitki Aracılığıyla Yeni Bir RNAi Stratejisi (Araştırmacı; 2016-2019)
2. Cry1ac Endotoksin Üretiminin Sınırlandırıldığı Böceklere Dayanıklı Trasgenik Pamuk Çeşitlerinin Geliştirilmesi. TÜBİTAK TOVAG PROJECT NO. 111O254, Araştırmacı; 2011-2014.
3. Antepfıstığı Anaç Ve Çeşitlerinin Doku Kültürü Yöntemleri İle Üretilmesi Ve Farklı Koşullarda Aşı Teknikleri Geliştirilerek Ticari Proseslerinin Belirlenmesi” (TEYDEB projesi – Danışman)

### Üniversitelerin Bilimsel Araştırma Projesi (BAP) Komisyon Projeler

#### Yürütücü:

1. Su marulu (*Pistia stratiotes* L.) bitkisinde doku kültürü çalışmaları. BAP Proje no. 31-M-12, Yürütücü, (2012-2013),
2. Agrobacterium tumefaciens aracılığıyla su bitkilerde gen aktarım çalışmaları. BAP Proje no. 03-M-14, Yürütücü, (2014-2016).

3. In Vitro Koşullarda Üretilen *Ceratophyllum demersum* L.'dan Elde Edilen Ekstraktların İnsektisit Etkilerinin Belirlenmesi. BAP Proje no. 05-M-15, Yürütücü, (2015-2016).
4. *Ceratophyllum demersum*'da Fitoremediasyon Çalışmalar İçin *PCS1* Geninin Aşırı Ekspresyonu. BAP Proje no. 17175001 (Yürütücü; 2017-2019).

### **Araştırmacı:**

1. *Bacopa monniera* bitkisinde doku kültür çalışmaları. BAP proje no. 13-M-11, Araştırmacı (2011-2012)
2. Bazı akvaryum bitkilerinin doku kültürü ile çoğaltımı. BAP proje no.32-M-12, Araştırmacı (2012-2013).
3. Bazı Akvaryum Bitkilerinin İn vitro Koşullarda çoğaltımı. BAP proje no. 50-M-12, Araştırmacı (2012-2013).
4. Bor stresinin keten (*Linum usitatissimum*) bitkisinin farklı genotipleri üzerindeki etkilerinin fizyolojik ve biyokimyasal olarak incelenmesi. BAP proje no. 07-M-15, Araştırmacı, (2015-2016).

### **Yönetilen Yüksek Lisans Tezleri (tamamlanmış)**

1. **Halis EKMEKCİ (2013)**. Fesleğen (*Ocimum basilicum* L.) Bitkisinde in vitro Doku Kültürü Çalışmalar. Karamanoğlu Mehmetbey Üniversitesi/Fen Bilimleri Enstitüsü/Biyoloji Anabilim Dalı
2. **Asuman KOCA (2013)**. *İn Vitro* Koşullarda tıbbi bitkisi *Trachyspermum ammi* (L.) SPRAGUE EX TURRILL'nin Çoğaltımı. Karamanoğlu Mehmetbey Üniversitesi/Fen Bilimleri Enstitüsü/Biyoloji Anabilim Dalı
3. **Hülya ÖZKAN (2016)**. In vitro koşullarda yer fişik (*Arachis hypogaeae*) bitkisinde sürgün rejenerasyon çalışmaları. Karamanoğlu Mehmetbey Üniversitesi/Fen Bilimleri Enstitüsü/Biyoloji Anabilim Dalı
4. **FATMA AKIN (2018)**. *In vitro* koşullarda siyah ve beyaz nohut (*Cicer arietinum* L.) genotiplerinde tuz stresinin çimlenme ve büyüme üzerine etkileri. Necmettin Erbakan Üniversitesi/Fen Bilimleri Enstitüsü/Biyoteknoloji Anabilim Dalı
5. **NURAY KARADAĞ (2019)**. *İn Vitro* Koşullarda Tüylü Fiğ (*Vicia villosa* Roth)'in Sürgün Rejenerasyonun Optimizasyonu. Karamanoğlu Mehmetbey Üniversitesi/Fen Bilimleri Enstitüsü/Biyoloji Anabilim Dalı
6. **ARİFE KİRTİŞ (2019)**. Türkiye'de Siyah Nohut (*Cicer arietinum* L.) Bitkisinde İn Vitro Rejenerasyon Çalışmaları. Necmettin Erbakan Üniversitesi/Fen Bilimleri Enstitüsü/Biyoteknoloji Anabilim Dalı
7. **Canan Sevinç (2019)**. Fitoremediasyon Çalışmaları İçin Fitoşelatin Sentaz (*PCS1*) GENİNİN İzolasyonu ve Klonlanması. Necmettin Erbakan Üniversitesi/Fen Bilimleri Enstitüsü/Biyoteknoloji Anabilim Dalı.

### **İdari Görevler**

1. Dekan Yardımcısı Necmettin Erbakan, Üniversitesi/Fen Fakültesi (Mayıs 2018-Ocak 2017)
2. Fakülte Erasmus Ko-ordinatör, Necmettin Erbakan Üniversitesi/Fen Fakültesi

### **Bilimsel ve Mesleki Kuruluşlara Üyelikler**

1. Bangladesh Botanical Society 2008-09.
2. Pakistan Society of Agronomy
3. SelectScience <http://www.selectscience.net/>

## Ödüller:

1. Doktora Tez Ödülü (2010)-Ankara Üniversitesi)
2. Gümüş Madalya (1998). Y. Lisans Birincisi, University of Agriculture Faisalabad, Pakistan
3. Altın Madalyası (1996). Lisans Birincisi, University College of Agriculture Bahauddin Zakariya University Multan

## Tübitak Makale Teşvikleri

4. 2008 Tübitak Makale teşvik (Makale no. 36)
5. 2009 Tübitak Makale teşvik (Makale no. 34)
6. 2012 Tübitak Makale teşvik (Makale no. 33)
7. 2014 Tübitak Makale teşvik (Makale no. 20)
8. 2014 Tübitak Makale teşvik (Makale no. 19)
9. 2014 Tübitak Makale teşvik (Makale no. 18)
10. 2014 Tübitak Makale teşvik (Makale no. 11)
11. 2014 Tübitak Makale teşvik (Makale no. 9)
12. 2014 Tübitak Makale teşvik (Makale no. 8)
13. 2014 Tübitak Makale teşvik (Makale no. 7)

## Son beş yılda verdiği lisans ve lisansüstü düzeydeki dersler.

### Yüksek Lisans

Yıl	Dönem	Dersin adı	Kredi	Puan
2019-2020	Güz	Bitki Büyüme Düzenleyicileri İleri Bitki Doku Kültürü Teknikleri	3 3	6
	Bahar	Tarımsal Biyoteknolojinin Uygulamaları Bitkilerde Grn Aktarım Teknikleri	3 3	6
2018-2019	Güz	Bitki Büyüme Düzenleyicileri İleri Bitki Doku Kültürü Teknikleri	3 3	6
	Bahar	Tarımsal Biyoteknoloji Bitkilerde Grn Aktarım Teknikleri	3 3	6
2017-2018	Güz	Bitki Büyüme Düzenleyicileri İleri Bitki Doku Kültürü Teknikleri	3 3	6
	Bahar	Tarımsal Biyoteknoloji Bitkilerde Grn Aktarım Teknikleri	3 3	6
2016-2017	Güz	Bitki Büyüme Düzenleyicileri İleri Bitki Doku Kültürü Teknikleri	3 3	6
	Bahar	Tarımsal Biyoteknoloji Bitkilerde Grn Aktarım Teknikleri	3 3	6
<b>Toplam Puanlarım</b>				<b>48</b>



## Lisans Dersleri

Yıl	Dönem	Dersin adı	Kredi	Puan
2019-2020	Güz	Bitki Biyoteknolojisi Tıbbi ve Aromatik Bitkiler Biyoteknolojide Araştırma Teknikler I Bitki Doku Kültürü	3 2 3 2	10
	Bahar	Fizyoloji Biyoteknolojide Araştırma Teknikler II Çevre Biyoteknolojisi Tarımsal Biyoteknoloji	2 2+2 3 2	11
2018-2019	Güz	Bitki Biyoteknolojisi Tıbbi ve Aromatik Bitkiler Biyoteknolojide Araştırma Teknikler I Bitki Doku Kültürü	3 2 3 2	10
	Bahar	Biyoteknolojide Araştırma Teknikler II Çevre Biyoteknolojisi Tarımsal Biyoteknoloji	2+2 3 2	9
2017-2018	Güz	Bitki Biyoteknolojisi Tıbbi ve Aromatik Bitkiler Biyoteknolojide Araştırma Teknikler I Bitki Doku Kültürü	3 2 3 2	10
	Bahar	Fizyoloji II Doku Kültürü Çevre Biyoteknolojisi Biyoteknolojide Araştırma Teknikler II	3 2 3 2+2	12
2016-2017	Güz	Bitki Biyoteknolojisi Biyoyakıtlar Biyoteknolojide Araştırma Teknikler I Meslek İngilizce Genel Biyoloji Genel Biyoloji Laboratuvarı Evrım	3 2 3 2 4 0+2 2	18
	Bahar	Ekoloji Hayvan Biyoteknolojisi Doku Kültürü Çevre Biyoteknolojisi Tarımsal Biyoteknoloji Biyoteknolojide Araştırma Teknikler II	3 3 2 3 2 2+2	17
2015-2016	Güz			
	Bahar	Hayvan Biyoteknolojisi Doku Kültürü Çevre Biyoteknolojisi Tarımsal Biyoteknoloji	3 2 3 3	11
		<b>TOPLAM PUANLARIM</b>		<b>108</b>