

## CURRICULUM VITAE



### 1- PERSONAL INFORMATIONS

**NAME-SURNAME** AHMET ÇABUK  
**ADDRES** Eskişehir Osmangazi University, Faculty of Arts and Science,  
Department of Biology, Eskişehir  
Eskisehir Osmangazi University, Graduate School of Natural  
and Applied Sciences, Department of Biotechnology and  
Biosafety, Eskişehir  
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### 2- EDUCATIONAL BACKGROUND

**2005**      **PhD**      Eskişehir Osmangazi University, Graduate School of  
Natural and Applied Sciences, General Biology, Microbiology  
**2001**      **MASTER**      Eskişehir Osmangazi University, Graduate School of  
Natural and Applied Sciences, General Biology, Microbiology  
**1999**      **BACHELOR**      Eskişehir Osmangazi University, Biology

### 3- ACADEMICAL DUTIES

**Research Assistant**      17.08.1999  
**Research Assistant Doctor**      24.11.2005  
**Assistant Professor Doctor**      24.08.2006  
**Associate Professor**      19.01.2009  
**Professor**      20.05.2014

### 4- FOREIGN LANGUAGE

**English**      Advanced Level  
**Spanish**      Elementary

### 5- THESES

2001-2005      PhD      ESOGÜ Graduate School of      Cyanide biodegradation by white rot fungi  
Natural and Applied Sciences  
General Biology Department

1999-2001	Master	ESOGÜ Graduate School of Natural and Applied Sciences General Biology Department	Removal of heavy metals from wastewater using immobilized bacterial biomass in fixed bed bioreactor
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## 6- THESES SUPERVISED

### 6.1. Msc Theses

1. Aytar P., "Determination of optimum conditions for sulphur removal from lignite coal with white rot fungi", Balıkesir University, 2007. (Second Supervisor)
2. Özel Y.K., "Evaluation of cyanide biodegradation ability of various macrofungus isolates and determination of optimum conditions", Eskişehir Osmangazi University, 2008.
3. Tabak Ö., "Biodegradation of chlorophenolic compounds by various *Basidiomycetes isolates*", Eskişehir Osmangazi University, 2008.
4. Gedikli S., "Evaluation of abilities of laccase production of some macrofungi isolates and utility of decolorization applications", Eskişehir Osmangazi University, 2008.
5. Şaşmaz S., "Dye decolorization using laccase and laccase mediator system", Eskişehir Osmangazi University, 2009.
6. Özşölen F., "Production of ligninolytic enzymes with solid state fermentation", Eskişehir Osmangazi University, 2010.
7. Çeçe Ş., "Dechlorination of 4-chlorophenol by *Trametes versicolor* laccase", Eskişehir Osmangazi University, 2010.
8. Benli E., "Dechlorination of 2,4-dichlorophenol by *Trametes versicolor* laccase", Eskişehir Osmangazi University, 2010.
9. Bireller E.S., "Investigation of the decolorization conditions of some textile dyes in aqueous solutions by pretreated and untreated biomass of *Saccharomyces cerevisiae*", Eskişehir Osmangazi University, 2011.
10. Girgin M., "Decolorization of some textile dyes in aqueous solution by *Saccharomyces cerevisiae* biomass immobilized on *Pinus nigra* cones", Eskişehir Osmangazi University, 2011.
11. Toptaş Y., "Investigation of lactic acid production abilities of bacteria isolated from oral microbiota", Eskişehir Osmangazi University, 2011.
12. Özçelik B., "Investigation of protease production ability of bacteria isolated from hydrocarbon polluted area", Eskişehir Osmangazi University, 2012.
13. Güngörmedi G., "Determination of bioplastic production capabilities of the microorganisms isolated from hydrocarbon contaminated soils and characterization of bioplastic", Eskişehir Osmangazi University, 2012.
14. Çelikdemir M., "Production of biosurfactant by microorganisms from hydrocarbon contaminated soil", Eskişehir Osmangazi University, 2012.

15. Cengiz G., "Removal of dyestuffs with magnetically trametes versicolor cells", Eskişehir Osmangazi University, 2013.
16. Yıldırım S., "Production of Pigment by Bacteria from Hydrocarbon Contaminated Soil", Eskişehir Osmangazi University, 2014.
17. Yardımcı E., "Protease production with *Geobacillus subterraneus*", Eskişehir Osmangazi University, 2014.
18. Sabancı Ş. "Preparation and characterization of microcrystalline cellulose and wood powder added polyhydroxybutyrate (PHB) composites through solvent method", Bartın University, 2015 (Second Supervisor).
19. Erdönmez O., "Determination of prokaryotic diversity of Eynal Thermal Spring and investigation of protease production abilities", Eskişehir Osmangazi University, 2015.
20. Bozkurt D., "Determination of prokaryotic diversity in environments with boron", Eskişehir Osmangazi University, 2016.
21. Karakaş S., "Investigation of Toxic Effects of High Boron Content by Different Methods", Eskişehir Osmangazi University, 2017.
22. Şener B., "Drum type bioreactor applications in coal desulfurization", Eskişehir Osmangazi University, 2018.

## 6.2. Doktora Tezleri

1. Aytar P., "Determination of prokaryotic diversity in extreme acidic environments with conventional and molecular methods and usability at biodesulphurization", Eskişehir Osmangazi University, 2012.
2. Gedikli S., "Isolation of Thermophilic Microorganisms From Hot Springs, Identification and Determination Their Ability to Poly- $\beta$ -Hydroxybutyrate Pruduction", Eskişehir Osmangazi University, 2016.
3. Toptaş Y., "Determination of acidophilic microbial diversity and usability at biomining applications", Eskişehir Osmangazi University, 2016

## 7- PROJECTS

1. The Effect of Pretreatment on Biosorption Capacities of Some Fungal Biomasses Used at heavy metal removal, Eskisehir Osmangazi University BAPK, Researcher, 2002-2003.
2. Biodegradation of Cyanur by White Rot Fungus, Eskisehir Osmangazi University BAPK, Researcher, 2004-2006.
3. Obtaining and characterization metal tolerant-actinomycete isolates from Porsuk river system and contaminated soil of environment and their use of heavy metal removal, Eskisehir Osmangazi University BAPK, Researcher, 2004-2007.
4. Determination of exopolysaccharide production amounts of some macrofungus isolates, Eskisehir Osmangazi University BAPK, Researcher, 2006-2008.
5. Palynochemical analysis and antimicrobial activity of honeys in and around Eskisehir, Eskisehir Osmangazi University BAPK, Researcher, 2006-2009.

6. Laccase production of some macrofungi isolated and availability of biodegradation for environmental pollutant, Eskisehir Osmangazi University BAPK, Principal Investigator, 2008-2010.
7. The Isolation of Microorganism from Mihalicik Koyunagili Region Coals and Biodesulfurisation Studies in Enriched samples with Multi-Gravity Separator and Tuvenan Coal by isolates, Eskisehir Osmangazi University BAPK, Researcher, 2011-2014.
8. Determination of microbial diversity at extreme acidic environments with conventional and molecular methods and usability at biodesulphurization, Eskisehir Osmangazi University i BAPK, Principal Investigator, 2011-2013.
9. The Determination of Fungal Diversity in Acidic Mine Drainage by traditional and molecular methods, Eskisehir Osmangazi University BAPK(D), Principal Investigator, 2012-2013.
10. The Determination of Microbial Diversity from Nasa Thermal Spring by traditional microbiological and molecular methods, Eskisehir Osmangazi University BAPK(A2), Principal Investigator, 2012-2015.
11. The Optimization and Characterization of Biosurfactan Production by Microorganism Isolated From Hydrocarbon Contaminated Soil, Eskisehir Osmangazi University BAP(A1), Principal Investigator, 2012-2013.
12. Microgel-Hydrogel Soft Composite and Application Studies, Eskisehir Osmangazi University BAPK, Researcher, 2013-2016.
13. Preparation and Catalytic Applications of Metallic Nanoparticles in a New Type Environmentally Sensitive Microgel, TÜBİTAK, TBAG (1001), Researcher, 2012-2014.
14. Investigation of antibacterial and enzymatic activities of peptides in *Calchas Nordmanni* scorpion venom, TÜBİTAK, TBAG (1002), Danışman, 2013-2014.
15. The Optimization of Protease Production Condition by Potential Thermophilic Protease Producer, Eskisehir Osmangazi University BAP(A1), Principal Investigator, 2013-2014.
16. Determination of prokaryotic diversity of Çitgöl thermal spring by using classical and molecular methods, investigation of abilities of biopolymer production of the isolates, Eskisehir Osmangazi University BAPK(B), Principal Investigator, 2013-2017.
17. Isolation of Bacteria to Use for Microbial Fertilizer Preparation, Investigation of Efficiencies in Lab and Greenhouse Scale, Eskisehir Osmangazi University BAPK(C3), Principal Investigator, 2013-2016.
18. Investigation of the bioplastic production capabilities of halophilic bacteria and archaea, Eskisehir Osmangazi University BAPK(D), Principal Investigator, 2013-2014.
19. The Investigation of Cleanability of Lignite from Çayirhan by Physical, Physicochemical and Biological Methods, Eskisehir Osmangazi University BAPK, Researcher, 2014-2016.
20. Genotoxicity / Mutagenicity Potentials of Boron Contaminated Environments and Determination of Boron Tolerances of Microbial Community Isolated from These Environments, Eskisehir Osmangazi University BAPK, Researcher, 2014-2016.
21. Production, Purification and Characterization of Microbial Hyaluronic Acid, Eskisehir Osmangazi University BAPK, Researcher, 2014-2016.

22. The enzymatic degradation of hyaluronic acid produced by *Streptococcus equi* den and the stability in some physical conditions, Eskisehir Osmangazi University BAPK, Principal Investigator, 2014-2016
23. Development of Native Bioplastic and Biocomposite Production Strategies, TÜBİTAK-TEYDEB 1505, Principal Investigator, 2015-continue.
24. Determination of Suitable Parameter Values in Large Scale Biosurfactant Production by Artificial Neural Networks, Eskisehir Osmangazi University BAPK, Researcher, 2016-continue.
25. Investigation of Boron Tolerance Genes in Isolate Halomonas sp. Isolated from Boron Contaminated Sites, Eskisehir Osmangazi University BAPK, Researcher, 2016-2017.
26. Investigation of bioremediation abilities of bacteria isolated from acidic mine drainage, Eskisehir Osmangazi University BAPK, Principal Investigator, 2016-2017.
27. Development of Microbial Solutions for Improving Aquatic Systems in Industrial Wastes and Recreation Areas, KOSGEB AR-GE İnovasyon Destek Programı, Researcher, 2016-2017.
28. Metagenomic analysis of bacterial community of acidic mine drainage, Eskisehir Osmangazi University BAPK, Principal Investigator, 2017- 2018.
29. Drum type bioreactor applications for coal sulphur removal, Eskisehir Osmangazi University BAPK, Principal Investigator, 2017- 2018.
30. Identification of Prokaryotic Diversity from Acidic Environment by Culture Dependent and Culture Independent New Generation Methods, Eskisehir Osmangazi University BAPK, Principal Investigator, 2017- 2020.
31. Industrial Strain Production and Prototype Production for Probiotic Preparation, KOSGEB AR-GE İnovasyon Destek Programı, Principal Investigator, 2018-continue.
32. Investigation of Bacterial Diversity from environment with high boron content by Culture Dependent and Culture Independent New Generation Methods, Eskisehir Osmangazi University BAPK(B2), Principal Investigator, 2018- continue.
33. Immobilized laccase on micromaterial as novel biocatalytic systems for environmental application, Eskisehir Osmangazi University BAPK(B1), Principal Investigator, 2018- continue.
34. Investigation of Usability of a Biosurfactant in Magnesic Flotation, Eskisehir Osmangazi University BAPK(B1), Researcher, 2019-continue.
35. Comparison of Biosplayer and Classic Collector in Magnesite Quartz Separation, TUBİTAK-1002, Researcher, 2019-continue.
36. The Development of BACTERIAL DNA Isolation Kit, KOSGEB, AR-GE İnovation Support Program, Principal Investigator, 2020-continue.
37. Gba in vitro: Modeling the Intestinal-Brain Axis (Gba) with 3-Dimensional (3b) Cell Culture Technology and Investigation of Molecular Mechanisms with Sophisticated Omics Platforms, TÜBİTAK 1001, Researcher, 2020-continue.

## 8. PUBLICATIONS

### A-1 Articles in international scientific journals with referee practice (SCI-Expanded , SSCI, AHCI journals)

- 1) Asan, A., İlhan, S., Sen, B., Erkara, I.P., Filik, C., **Cabuk, A.**, Demirel, R., Ture, M., Okten, S.S., Tokur, S. Airborne Fungi and Actinomycetes Concentrations in the Air of Eskisehir City (Turkey), *Indoor and Built Environment*, 13, 63-74 (2004).
- 2) Akar, T., **Cabuk, A.**, Tunalı, S., Yamac, M. Biosorption Potential of the Macro-Fungus *Ganoderma carnosum* for Removal of Lead(II) Ions from Aqueous Solutions, *Journal of Environmental Science and Health Part A Toxic/Hazardous Substance & Environmental Engineering*, 41, 2587-2606 (2006).
- 3) Tunalı, S., **Çabuk, A.**, Akar, T. Removal of Lead and Copper Ions from Aqueous Solutions by Bacterial Strain Isolated from Soil, *Chemical Engineering Journal*, 115, 203-211 (2006).
- 4) **Çabuk, A.**, Akar, T., Tunalı, S., Tabak, Ö. Biosorption Characteristics of *Bacillus* sp. ATS-2 Immobilized in Silica Gel for Removal of Pb(II), *Journal of Hazardous Materials*, 136, 317-323 (2006).
- 5) **Cabuk, A.**, Unal, A.T., Kolankaya, N. Biodegradation of Cyanide by a White Rot Fungus, *Trametes versicolor*, *Biotechnology Letters*, 28, 1313-1317 (2006).
- 6) Akar, T., Tunalı, S. ve **Çabuk, A.** Study on the Characterization of Lead (II) Biosorption by Fungus *Aspergillus parasiticus*, *Applied Biochemistry and Biotechnology*, 136, 389-405 (2007).
- 7) **Çabuk, A.**, Akar, T., Tunalı, S., Gedikli, S. Biosorption of Pb(II) by Industrial Strain of *Saccharomyces cerevisiae* Immobilized on the Biomatrix of Cone Biomass of *Pinus nigra*: Equilibrium and Mechanic Analysis, *Chemical Engineering Journal*, 131, 293-300 (2007).
- 8) Gönen T.F., Yamac, M., **Cabuk, A.** ve Yıldız Z. Selection of Newly Isolated Mushroom Strains for Tolerance and Biosorption of Zinc In Vitro, *Journal of Microbiology and Biotechnology*, 18, 483-489 (2008).
- 9) Aytar P., Şam M., ve **Çabuk A.** Microbial Desulphurization of Turkish Lignites by White Rot Fungi, *Energy & Fuels*, 22(2), 1196-1199 (2008).
- 10) Tunalı A.S., Akar T., **Çabuk A.** Decolorization of a Textile Dye, Reactive red 198 (RR198), by *Aspergillus parasiticus* fungal biosorbent, *Brazilian journal of Chemical Engineering*, 26(2), 299-405 (2009).
- 11) Tunalı A.S., Akar T., Kaynak Z., Anılan, B., **Cabuk A.**, Tabak, Ö., Demir, T.A., Gedikbey T. Removal of Copper(II) Ions from Synthetic Solution and Real Wastewater by the Combined Action of Dried *Trametes versicolor* cells and montmorillonite, *Hydrometallurgy*, 97(1-2), 98-104 (2009).
- 12) Özel Y.K., Gedikli S., Aytar P., Unal A., Yamac M., **Çabuk A.**, Kolankaya N. New fungal biomasses for cyanide biodegradation *Journal of Bioscience and Bioengineering*, 110(4), 431-435 (2010).
- 13) Gedikli S., Aytar P., Ünal A., Yamaç M., **Çabuk A.**, Kolankaya N. Enhancement with inducers of laccase production by some strains and application of enzyme to dechlorination of 2,4,5-trichlorophenol, *Electronic Journal of Biotechnology*, 13 (6), 6-7(2010).

- 14) Şaşmaz S., Gedikli S., Aytar P., Güngörmedi G., **Çabuk A.**, Ünal A., Kolankaya N. Decolorization potential of some reactive dyes with crude laccase and laccase mediated system, *Applied Biochemistry and Biotechnology*, 163 (3), 346-361 (2011).
- 15) Aytar P., Gedikli S., Şam M., Ünal A., **Çabuk A.**, Kolankaya N, Yürüm A. Desulphurization of Some Low-rank Turkish Lignites with Crude Laccase Produced from *Trametes versicolor* ATCC 200801, *Fuel Processing Technology*, 92 (1), 71-76 (2011).
- 16) **Çabuk A.**, Sıdır Y.G., Aytar P., Gedikli S., Sıdır I. Dechlorination of chlorinated compounds by *Trametes versicolor* ATCC 200801 crude laccase and quantitative structure–activity relationship of toxicity, *Journal of Environmental Science and Health Part A*, 47,1938-1947 (2012).
- 17) Bireller E.S., Aytar P., Gedikli S., **Çabuk A.** Removal of some reactive dyes by untreated and pretreated *Saccharomyces cerevisiae*, alcohol fermentation waste, *Journal of Scientific & Industrial Research*, 71, 632-639 (2012).
- 18) Aytar P., Gedikli S., Sam M., Farizoglu B., **Çabuk A.** Sequential treatment of olive oil mill waste water with adsorption, biological and photo-Fenton oxidation, *Environmental Science and Pollution Research*, 20(5), 3060-3067 (2013).
- 19) **Çabuk A.**, Aytar P., Gedikli S., Özel YK, Kocabıyık E. Biosorption of acidic textile dyestuffs from aqueous solution by *Paecilomyces* sp. isolated from acidic mine drainage, *Environmental Science and Pollution Research*, 20, 4540-4550 (2013).
- 20) Özçelik B., Aytar P., Gedikli S., Yardımcı E., Çalışkan F., **Çabuk A.** Production of an alkaline protease using *Bacillus pumilus* D3 without inactivation by SDS, its characterization and purification, *Journal of Enzyme Inhibition and Medicinal Chemistry*, 29, 388-396 (2014)
- 21) P, Kay CM., Mutlu MB, **Çabuk A.** Coal Desulfurization with *Acidithiobacillus ferrivorans*, from Balya Acidic Mine Drainage, *Energy & Fuels*, 27 (6), 3090–3098 (2014).
- 22) Aytar P., Gedikli S., Buruk Y., **Çabuk A.**, Burnak N. Lead and Nickel Biosorption with a Fungal Biomass Isolated from Metal Mine Drainage: Box-Behnken Experimental Design, *International Journal of Environmental Science Technology*, 11, 1631-1640 (2014).
- 23) Aytar P., Oz Aksoy D., Toptas Y., **Çabuk A.**, Koca S., Koca H. Isolation and characterization of native microorganism from Turkish lignite and usability at fungal desulphurization, *Fuel*, 116, 634-641 (2014).
- 24) Cengiz G., Aytar P., Şam M., **Çabuk A.** Removal of reactive dyes using magnetically separable *Trametes versicolor* cells as a new composite biosorbent, *Separation Science and Technology*, 49, 1860-1871 (2014)
- 25) Gedikli S., Aytar P., Buruk Y., Apohan E., **Çabuk A.**, Yesilada O., Burnak N. Laccase production and dye decolorization by *Trametes versicolor*: Application of Taguchi and Box-Behnken Methodologies, *Turkish Journal of Biochemistry*, 39, 298-306 (2014).
- 26) Oz Aksoy D., Aytar P., Toptaş Y., **Çabuk A.**, Koca S., Koca H. Physical and physicochemical cleaning of lignite and the effect of cleaning on biodesulfurization, *Fuel*, 132, 158-164 (2014).
- 27) Akan T., **Çabuk A.** Indirect plasma inactivation by a low temperature atmospheric pressure plasma (LTAPP) system, *Journal of Electrostatics*, 72, 218-221(2014)
- 28) Güngörmedi, G., Demirbilek, M., Mutlu, M.B., Denkbaş, E.B., **Çabuk, A.** Polyhydroxybutyrate and Hydroxyvalerate Production by *Bacillus megaterium* Strain A1 Isolated from Hydrocarbon-Cantaminated Soil. *Journal of Applied Polymer Science*, 131,15, 1-8 (2014)

- 29) Aytar P., Kay C.M., Mutlu M.B., **Çabuk A.**, Johnson D.B. Diversity of acidophilic prokaryotes at two acid mine drainage sites in Turkey, *Environmental Science and Pollution Research*, 22,5995-6003 (2014)
- 30) Yalçın E., Gedikli S., **Çabuk A.**, Karahaliloğlu Z., Demirbilek M., Bayram C., Şam M., Sağlam N., Denkbaş EB. Silk fibroin/nylon-6 blend nanofilter matrix for copper removal from aqueous solution, *Clean Technologies and Environmental Policy*, 17, 921-934 (2015)
- 31) Aytar P., Bozkurt D., Erol S., Özdemir M., **Çabuk A.** Increased Removal of Reactive Blue 72 and 13 Acidic Textile Dyes by *Penicillium ochrochloron* Fungus Isolated from Acidic Mine Drainage, 57(41), 19333-19343 (2016)
- 32) **Çabuk A.**, Gedikli S., Aytar P., Çelikdemir M. Color removal of reactive textile dyes from aqueous solution by raw and modified fungal biosorbent, *Environmental Engineering and Management Journal*, accepted, 14, 10 (2015).
- 33) Toptaş Y., Çelikdemir M., Tuncer C., Buruk Şahin Y., Aytar Çelik P., Burnak N., **Çabuk A.**, Bütün V. Optimization of a biosurfactant production from bacteria isolated from soil and characterization of the surfactant, *Turkish Journal of Biochemistry*, 41 (5), 338–346 (2016).
- 34) Koca, S., Aksoy, D. O., **Cabuk, A.**, Celik, P. A., Sagol, E., Toptas, Y., Oluklu S., Koca, H. Evaluation of combined lignite cleaning processes, flotation and microbial treatment, and its modelling by Box Behnken methodology. *Fuel*, 192, 178-186 (2017).
- 35) Çakmak, H., Gungormedi, G., Dikmen, G., Çelik, P. A., & **Çabuk, A.** The True Methodology for Rhamnolipid: Various Solvents Affect Rhamnolipid Characteristics. *European Journal of Lipid Science and Technology*. 10.1002/ejlt.201700002, 119 1-11 (2017).
- 36) Ulker D., Tuncer C., Sezgin SB., Toptas Y., **Cabuk A.**, Butun V. An antibacterial composite system based on multi-responsive microgels hosting monodisperse gold nanoparticles, *Journal of Polymer Research*, 24(10) (2017).
- 37) Saraç N., Uğur A., Şimşek Ö., Aytar P., Toptaş Y., Buruk Y., **Çabuk A.**, Burnak N. Phenol tolerance and optimization of biodegradation by *Serratia marcescens* NS09-1 using Plackett-Burman design and Box-Behnken design, *Environmental Engineering and Management Journal*, 16 (11), 2637-2645, (2017).
- 38) Erdal E., Demirbilek M., Yeh Y., Akbal Ö., Ruff L, Bozkurt D., **Cabuk A.**, Senel Y. Gumuskaya B., Algin A., Colak S., Esener S., Denkbas EB. A Comparative Study of Receptor-Targeted Magnetosome and HSA-Coated Iron Oxide Nanoparticles as MRI Contrast-Enhancing Agent in Animal Cancer Model, *Applied Biochemistry and Biotechnology*, 10.1007/s12010-017-2642-x, 185:91–113 (2018).
- 39) Korkmaz F, Deniz Sönmez G, Aytar Çelik P, Mutlu M.B, **Çabuk A.** Toxicity And Mutagenicity Assessment Of A Boron Mine Drainage Water. *Water And Environment Journal*. <https://doi.org/10.1111/Wej.12321>, 32, 250-258, (2018)
- 40) Gedikli S., Güngör G., Toptaş Y., Sezgin DE., Demirbilek M., Yazıhan N., Aytar Çelik P., Denkbaş EB. Bütün V., **Çabuk A.** Optimization of hyaluronic acid production and its cytotoxicity and degradability characteristics. *Preparative Biochemistry & Biotechnology*. Accepted. <https://doi.org/10.1080/10826068.2018.1476885>. 1-9 (2018)
- 41) Şener, B., Aksoy, D. Ö., Çelik, P. A., Toptaş, Y., Koca, S., Koca, H., **Çabuk, A.** Fungal treatment of lignites with higher ash and sulphur contents using drum type reactor. *Hydrometallurgy* 189:64-74, (2018).



- 42) Sunguroğlu, C., Sezgin, D. E., Aytar Çelik, P., **Çabuk, A.** Higher titer hyaluronic acid production in recombinant *Lactococcus lactis*. Preparative Biochemistry and Biotechnology, 1-9, (2018)
- 43) Gedikli S., Aytar Çelik P., Demirbilek M., Mutlu MB., Denkbaş EB., **Çabuk A.** Experimental Exploration of Thermostable Poly ( $\beta$ -Hydroxybutyrate)s by *Geobacillus kaustophilus* Using Box-Behnken Design. Journal of Polymers and the Environment. 10.1007/s10924-018-1335-z (2018).
- 44) Aytar Celik P., Oz Aksoy D., Koca S., Koca H., **Çabuk A.** The Approach Of Biodesulphurization For Clean Coal Technologies: A Review. International journal of Environmental Science and Technology. 10.1007/s13762-019-02232-7 (2019).
- 45) Güngör, G., Gedikli, S., Toptaş, Y., Sezgin, D. E., Demirbilek, M., Yazıhan, N., Aytar Çelik P., Denkbaş E. B., **Çabuk, A.** Bacterial hyaluronic acid production through an alternative extraction method and its characterization. Journal of Chemical Technology & Biotechnology. <https://doi.org/10.1002/jctb.5957> (2019).
- 46) Nural Yaman B., Deniz Sonmez G., Aytar Celik P., Korkmaz F., Mutlu MB., **Çabuk A.** Culture Dependent Diversity of Boronotolerant Bacteria from Boron Mine Tailings Pond and Solid Wastes. Water And Environment Journal. <https://doi.org/10.1111/wej.12429>. 33:574-581(2019).

#### A-2 Articles in international scientific journals with referee practice (excluding SCI-Expanded, SSCI, AHCI journals)

- 1) **Çabuk A.**, İlhan S. Cu<sup>2+</sup> Removal in a Biosorption Column by Immobilized Bacterial Biomass, The European Journal of Mineral Processing and Environmental Protection, Special Issue, Biotreatment & Biosorption II, 3, 67-74 (2003).
- 2) İlhan S., **Çabuk, A.**, Filik, C., Çalışkan F. Effect of Pretreatment on Biosorption of Heavy Metals by Fungal Biomass”, Trakya University Journal of Science, 5, 11-17 (2004).
- 3) **Çabuk, A.**, İlhan, S., Filik, C., Çalışkan F., “Pb<sup>2+</sup> Biosorption by Pretreated Fungal Biomass”, Turkish Journal of Biology, 29, 23-28 (2005).
- 4) Akan, T., N. Ekem, Y. Akgun, A. Kiremitci, **Çabuk A.**, S. Pat ve G. Musa. Plasma Sterilization Using The High Voltage Pulsed Discharge At Atmospheric Pressure, Journal of Applied Sciences, 6, 1566-1570 (2006).
- 5) Gedikli, S., Tabak, Ö., Tomsuk, Ö. ve **Çabuk A.** Effect of Microwaves on Some Gram Negative and Gram Positive Bacteria, Journal of Applied Biological Sciences, 2, 67-71 (2008).
- 6) Özşölen F., Aytar P., Gedikli S., Çelikdemir M., Ardiç M., **Çabuk A.**, Enhanced production and stability of laccase using some fungi on different lignocellulosic materials, Journal of Applied Biological Sciences, 4 (3) 69-78 (2011).
- 7) Demir A., Aytar P., Gedikli S., **Çabuk A.**, Arısoy M., Laccase production with submerged and solid state fermentation: Benefit and cost analysis, Hacettepe Journal of Biology and Chemistry, 39(3) 305-313 (2011).
- 8) Benli E., Gedikli S., Aytar P., Güngörmedi G., **Çabuk A.**, Dehalogenation and Detoxification Of 2,4-Dichlorophenol with Induced Laccase, IUFS Journal of Biology, 70(2) 25-34 (2011).

- 9) Aytar P., Gedikli S., Çelikdemir M., Uzuner S., Farizoğlu B., Şam M., **Çabuk A.**, Sağlam N., Dephenolization of olive mill wastewater by growing cells of some white rot fungi without adaptation, Turkish Hacettepe Journal of Biology and Chemistry, 39 (4) 379-390 (2011).
- 10) Akbulut M., Aytar P., Gedikli S., **Çabuk A.**, *Trametes versicolor* Lakkazı ile 2-Klorofenolden Klor Uzaklaştırılması, Sigma Mühendislik ve Fen Bilimler Dergisi, 30(1) 9-19 (2012).
- 11) **Çabuk A.**, Kolankaya N., Siyanürün toksisitesi ve biyolojik yıkımı, Sigma Mühendislik ve Fen Bilimler Dergisi, 30, 20-38 (2012).
- 12) Toptaş Y., Akca G., **Çabuk A.** Lactic acid production by *Lactobacillus brevis* isolated from oral microbiota, IUFS Journal of Biology, 73(1): 1-7 (2014).
- 13) Katar, Ş., Erol, S., Çelik, P. A., Özdemir, M., & **Çabuk, A.** *Talaromyces aculeatus* from acidic environment as a new fungal biosorbent for removal of some reactive textile dyes. Anadolu University Journal of Science and Technology A, 18:2. 521-534 (2017).
- 14) Sabancı, Ş., Allahverdiev, S., **Çabuk, A.**, & Gündüz, G. Preparation and characterization of microcrystalline cellulose and wood flour added polyhydroxybutyrate (PHB) composites through solvent method. Journal of Bartın Faculty of Forestry. 19 (1): 123-131 (2017).
- 15) Yardımcı Akkır E., Buruk Şahin Y., Gedikli S., Aytar Çelik P., **Çabuk A.**, Extremely, thermostable, EDTA-resistant alkaline protease from thermophilic *Geobacillus subterraneus* C2-1 isolate, Journal of Microbiology, Biotechnology and Food Sciences, 7:50-56 (2017).
- 16) Yenice Gürsü B., Aytar Çelik P., İlhan S., Kocabıyık Y.E., Gedikli S., **Çabuk A.** Diversity of microfungi in acid mine drainage. Biological Diversity and Conservation. 10(3):184-192 (2017).
- 17) İlik E., Aytar Çelik P., Toptaş Y., **Çabuk A.**, Akan T. Applying on *Bacillus Cereus* of Low-Pressure and Low-Temperature Plasma Jet in a Postdischarge Chamber, *IEEE Transactions on Radiation and Plasma Medical Sciences*, 10.1109/TRPMS.2017.2723086 . 1(5), 468-471 (2017).
- 18) **Nural Yaman B.**, Mutlu MB., Aytar Çelik P., Çabuk A. Metagenomics (16S Amplicon Sequencing) and DGGE Analysis of Bacterial Diversity of Acid Mine Drainage. Journal of Microbiology, Biotechnology and Food Sciences. 9(5):932-936 (2020).
- 19) Yiğit Şat E., **Nural Yaman B.**, Gedikli S., Aytar Çelik P., **Çabuk A.M.** Journal of Microbiology, Biotechnology and Food Sciences. 9(6) (2020).

### A-3 International Written Books or Book Sections

- 1) Sağlam N., Yesilada O., **Çabuk A.**, Sam M., Sağlam S., İlk S., Emul E., Aytar P., Gurel E., Advances and Application Through Fungal Nanobiotechnology, Eds: Prasad R., Bölüm Adı: "Innovation of Strategies and Challenges for Fungal Nanobiotechnology", Springer International Publishing, Switzerland. (2016).
- 2) **Çabuk A.**, Brock Mikroorganizmaların Biyoloji, Ed: Prof. Dr. Çökmüş C., Bölüm adı: "Mikrobiyal Hücre Yapısı ve İşlevi", Palme Yayınevi, Ankara. (2016).
- 3) Aytar Çelik P., Gedikli S., **Çabuk A.** Hyaluronic Acid: History, Uses and Health Effects. Eds. Riia Rautiola. Bölüm Adı:" Hyaluronic Acid: Scientific Level and Clinical Uses", Nova Science Publisher, ISBN: 978-1-53617-059-7 (2020).

- 4) Aytar Çelik P., **Çabuk A.**, Moleküler Biyoteknoloji, Rekombinant DNA'nın prensipleri ve uygulamaları, Ed: Teoman Kankılınc, Bölüm: Rekombinant proteinlerin üretimi, pp. 93-175, 5.baskı, Palme Yayınevi (2020).

#### A-4 Articles in national scientific journals with referee practice

- 1) İlhan S., Filik C. ve **Çabuk A.**, Yaş ve Kuru Fungus Miselleriyle Kurşun Biyosorpsiyonu Üzerine pH'ın Etkisi, Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, 4, 27-34 (2003).
- 2) **Çabuk A.**, Akar T., Kotluk Z., Şaşmaz S., *Saccharomyces cerevisiae* Hücreleri ile Ağır Metal Giderimi ve Metal Toleransı, Orlab On-Line Mikrobiyoloji Dergisi, 5, 1-7 (2007).
- 3) Tabak Ö., Gedikli S., Aytar P., Ünal A., **Çabuk A.** Ve Kolankaya N., *Trametes versicolor* Lakkazı ile Pentaklorofenol ve 2,6-Diklorofenol'den Klor Uzaklaştırılması, Elektronik Mikrobiyoloji Dergisi TR, 7, 13-23 (2009).
- 4) Güngörmedi G., Şaşmaz S., Aytar P., Gedikli S., Ünal A., **Çabuk A.**, Kolankaya N. *Trametes versicolor* biyokütlesi ile Reaktif Red 198 Boyarmaddesinin Biyosorpsiyonu, Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, 22(2), 247-264 (2009).
- 5) Gedikli S., Aytar P., Ünal A., **Çabuk A.**, Kolankaya N. Lakkaz enzimi ile kot boyarmaddesinin biyolojik yıkımı, Anadolu University Journal of Science and Technology –C Life Sciences and Biotechnology, 1(1) 59-70 (2010).
- 6) Ünal, A., **Çabuk, A.**, Kolankaya, N. Laboratuvar ölçekli biyoreaktörde *Trametes versicolor*'dan elde edilen serbest ve immobilize lakkaz ile 2,4,6-trichlorophenol'den klor uzaklaştırılması, Anadolu University Journal of Science and Technology-C Life Sciences and Biotechnology, 1(2) 113-124 (2011).
- 7) Çelikdemir M., Gedikli S., Aytar P., Güngörmedi G., **Çabuk A.** Mikrodalganın Maya Hücrelerinin Canlılığı Üzerine Etkisi, Eskişehir Osmangazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, 24(2), 1-9 (2011).
- 8) Aytar P., Mutlu M.B., **Çabuk A.** Çan asidik maden drenaj gölünün bakteriyel çeşitliliğinin 16S klonlama yöntemi ile belirlenmesi: Temsili klon kütüphanesi, Elektronik Mikrobiyoloji Dergisi TR, 11, 19-27 (2013).
- 9) Aytar P., Buruk Y., **Çabuk A.** *Streptococcus equi* ile hyaluronik asit üretiminde optimum koşulların Plackett-Burman yöntemi ile belirlenmesi, Elektronik Mikrobiyoloji Dergisi TR, 11, 28-35 (2013).

#### A-5 Publications such as technical note, letter to editor, discussion, abstract in SCI-Expanded, SSCI, AHCI journals

- 1) Aytar P., Gedikli S., Buruk Y., **Çabuk A.**, Burnak N. Lead and nickel biosorption with a dried fungal biomass isolated from lead mine drainage, Poster presentation, 15th European Congress on Biotechnology, İstanbul, (2012). (Bu çalışma "New Biotechnology" dergisinde özet olarak yayımlanmış olup tam metni "International Journal of Environmental Science Technology" dergisinde yayımlanmıştır).
- 2) Aytar P., Gedikli S., Kocabıyık E., Gürsu B.Y., Mutlu M.B., **Çabuk A.**, İlhan S. Determining of fungal diversity with conventional and molecular methods at extreme acidic environments such as acidic mine drainage, Poster presentation, 15th European Congress on Biotechnology, İstanbul, (2012).
- 3) Güngörmedi G., Demirbilek M., **Çabuk A.**, Mutlu M.B., Şam M., Denkbaş E.B. Characterization and optimization of poly(3-hydroxybutyrate) produced by bacteria isolated from hydrocarbon

polluted soil, Poster presentation, 15th European Congress on Biotechnology, İstanbul, (2012), (Bu çalışma "New Biotechnology" dergisinde özet olarak yayımlanmış olup tam metni "Journal of Applied Polymer Science" dergisinde yayımlanmıştır).

- 4) Toptaş Y., Akca G., **Çabuk A.** Investigation of lactic acid production abilities of bacteria isolated from oral microbiota, Poster presentation, 15th European Congress on Biotechnology, İstanbul, (2012), (Bu çalışma "New Biotechnology" dergisinde özet olarak yayımlanmış olup tam metni IJFS Journal of Biology" dergisinde yayımlanmıştır).
- 5) Özçelik B., Yardımcı E., Yıldırım S., **Çabuk A.** Production of alkaline protease from a soil bacterium, its characterization and partial purification, Poster presentation, 15th European Congress on Biotechnology, İstanbul, (2012), (Bu çalışma "New Biotechnology" dergisinde özet olarak yayımlanmış olup tam metni "Journal of Enzyme Inhibition and Medicinal Chemistry" dergisinden yayımlanmıştır).
- 6) Gedikli S., Şen C., Mutlu MB., **Çabuk A.** Determination of microbial diversity of Nasa Thermal Spring with conventional and molecular methods, Poster presentation, 15th European Congress on Biotechnology, İstanbul, 2012.
- 7) Girgin M., **Çabuk A.** Availability of decolorization of dyestuff by *Saccharomyces cerevisiae* immobilized on cone of *Pinus nigra*, Poster presentation, 15th European Congress on Biotechnology, İstanbul, 2012.
- 8) Çelikdemir M., **Çabuk A.**, Tuncer C. Production optimization and characterization of biosurfactant of a bacterium from hydrocarbon contaminated soil, Poster presentation, 15th European Congress on Biotechnology, İstanbul, 2012.

## 9- PRESENTATIONS

### B-1 Papers presented oral and published as fulltext at international congresses, symposium, panel discussions, workshops, scientific, artistic meetings.

1. Aytar P., Toptaş Y., Öz Aksoy D., **Çabuk A.**, Koca S., Koca H. Microorganism isolation from lignites itself of Mihalıççık Koyunağılı province and usability of these isolates at biodesulphurization of lignite, XIII. International Mineral Processing Symposium, Bodrum, 2012.
2. Toptaş Y., **Çabuk A.** Acidophilic Prokaryotic Diversity of Acid Mine Drainage in Halıköy, Turkey. 4th Conference on Microbial Diversity., Bari, İtalya, 24-26 October 2017.

### B-2 Papers presented oral and published as abstract text at international congresses, symposium, panel discussions, workshops, scientific, artistic meetings

1. Aytar P., Demir A., Gedikli S., **Çabuk A.**, Arisoy M. Laccase production with submerged and solid state fermentation: benefit and cost analysis, Oral presentation, 1st European Congress of Applied Biotechnology together with 29th DECHEMA's Biotechnology Annual Meeting, Berlin, 2011.
2. **Çabuk A.**, Güngörmedi G., Demirbilek M., Mutlu MB., Denkbaş E.B. High Production and Characterization of Bioplastic from *Halomonas organivorans* DB4, Oral presentation, BioMicroWorld 2015, Barcelona, 2015.
3. Nural Yaman B., Mutlu MB., Aytar Çelik P., **Çabuk A.** Metagenomics Analysis of Acidic Mine Drainage in Çan, Çanakkale. BioMicroWorld2018, VIII International Conference on Environmental, Industrial and Applied Microbiology, Torremolinos İspanya, 24-25 Mayıs 2018.
4. Sarac T., Anagun A.S., Ozcelik F., Aytar Celik P., Toptas Y., Sener B., **Çabuk A.** An Artificial Neural Network Coupled with Genetic Algorithm to Optimize Biosurfactant Production

Parameters. Balcor2018, XIII Balkan Conference on Operational Research, Belgrad, Sirbistan, 25-28 Mayıs 2018.

**B-3 Papers presented oral and poster at international congresses, symposia, panel discussions, workshops, scientific, artistic meetings.**

1. İlhan S., Döner E, **Çabuk A.** Resistance of Some Aspergillus and Penicillium Species to Lead Concentration in Soil and Media, Biotechnology 2000 The World Congress on Biotechnology 11th International Biotechnology Symposium and Exhibition, Berlin, 3, S.:621, Dechema, Frankfurt 2000.
2. **Çabuk A.**, İlhan S., Removal of Copper Fixed-Bed Biosorption with Immobilized Bacillus subtilis, 12th International Biodeterioration and Biodegradation Symposium (Biosorption and Bioremediation III (14-18/07/2002), Prag, International Biodeterioration and Biodegradation, 53, S.:195283, Elsevier 2004.
3. İlhan S., **Çabuk A.**, Filik C., Çalışkan F. Effect of Pretreatment on Biosorption of Lead by Fungal Biomass, 12th International Biodeterioration and Biodegradation Symposium (Biosorption and Bioremediation III (14-18/07/2002)), Prag, International Biodeterioration and Biodegradation 53, S.:195283, Elsevier 2004.
4. Gönen F., Yamaç M., **Çabuk A.**, Akar T., Tunalı S., Türkel S. In-Vitro Studies on Zinc Tolerance of Some Mushroom Strains, 4th International Congress Environmental Micropaleontology, Microbiology and Meiobenthology, Isparta, 82, ISEMMM 2004.
5. Çalışkan F., İlhan S., Filik C., **Çabuk A.**, Effect of Pretreatment on the Biosorption of Copper (II) Ions by Fungal Biomass, 4th International Congress Environmental Micropaleontology, Microbiology and Meiobenthology, Isparta, 34, ISEMMM 2004.
6. **Çabuk A.**, İlhan S., Filik C., Çalışkan F., Lead Biosorption by Pretreated Fungal Biomass, 4 International Congress Environmental Micropaleontology, Microbiology and Meiobenthology, Isparta, 31, ISEMMM 2004.
7. **Çabuk A.**, Sidir Y.G., Aytar P., Gedikli S., Sidir İ. Dechlorination of Chlorinated Compounds By *Trametes versicolor* ATCC 200801 Crude Laccase and Quantitative Structure-Activity Relationship of Toxicity, Poster Presentation, 1st European Congress Of Applied Biotechnology Together With 29th DECHEMA's Biotechnology Annual Meeting, Berlin, 2011.
8. Aytar P., Gedikli S., Kocabıyık E., Gürsu B.Y., Mutlu M.B., **Çabuk A.**, İlhan S. Determining of fungal diversity with conventional and molecular methods at extreme acidic environments such as acidic mine drainage, Poster presentation, 15th European Congress on Biotechnology, İstanbul, 2012.
9. Çelikdemir M., **Çabuk A.**, Cansel T. Production Optimization and Characterization of Biosurfactant of a Bacterium from Hydrocarbon Contaminated Soil, 15. European Congress on Biotechnology, İstanbul, 2012.
10. Güngörmedi G., Demirbilek M., **Çabuk A.**, Mutlu M. B., Şam M., Denkbaşı E.B. Characterization and Optimization of Poly 3 Hydroxybutyrate Produced by Bacteria Isolated from Hydrocarbon Polluted Soil, 15. European Congress on Biotechnology, İstanbul, 2012.
11. Toptaş Y., Akca G., **Çabuk A.**, Investigation of lactic Acid Production Abilities of Bacteria Isolated from Oral Microbiota. 15. European Congress On Biotechnology, İstanbul, 2012.
12. Aytar Çelik P., Gedikli S., Buruk Şahin Y., **Çabuk A.**, Burnak N., Lead and Nickel Biosorption with a Dried Fungal Biomass Isolated From Lead Mine Drainage, 15. European Congress on Biotechnology, İstanbul, 2012.

13. Girgin M., **Çabuk A.** Availability of Decolorization Of Dyestuff By Saccharomyces Cerevisiae Immobilized on Cone Of Pinus Nigra, 15. European Congress on Biotechnology, İstanbul, 2012.
14. Özçelik B., Yardımcı E., Yıldırım S., **Çabuk A.** Production of Alkaline Protease from a Soil Bacterium its Characterization and Partial Purification, 15. European Congress on Biotechnology, İstanbul, 2012.
15. Gedikli S., Şen C., Mutlu M.B., **Çabuk A.** Determination of Microbial Diversity of Naşa Thermal Spring with Conventional and Molecular Methods, 15. European Congress on Biotechnology, İstanbul, 2012.
16. Aytar P., Toptaş Y., Sağol E., Oluklulu E., Aksoy D.Ö., **Çabuk A.**, Koca S., Koca H. Bidesulphurization as a Complement to Flotation for Cleaning Coal, XVII. International Coal Preparation Congress, İstanbul, 2013.
17. Ülker, D., Tuncer, D., Baker, Ş.B., Toptaş, Y., **Çabuk, A.**, Vural, B. Catalytic And Antibacterial Activity Of Multi-Responsive Microgels, Poster, 3rd International Symposium on Controlled/Living Polymerization, Antalya, 2014.
18. Toptas Y., Aytar P., Aksoy D.O., Oluklulu S., **Çabuk A.**, Koca S., Koca H. Biological and physical cleaning of Çayırhan lignites (Turkey), Poster presentation, BioMicroWorld 2015, Barcelona, 2015.
19. Aytar P., Aksoy D.O., Toptas Y., Oluklulu S., **Çabuk A.**, Koca S. Koca H. Investigation of Çayırhan lignite bidesulphurization of microorganisms isolated from coal itself, Poster presentation, BioMicroWorld 2015, Barcelona, 2015.
20. Şener B., Aytar Çelik P., Toptaş Y., Saraç T., Özçelik F., Anagün A.S., **Çabuk A.** Biosurfactant Production From an Isolate From Hydrocarbon Polluted Soil. 4th Conference on Microbial Diversity., Bari, İtalya, 24-26 October 2017.
21. Nural Yaman B., Deniz Sonmez G., Aytar Çelik P., Korkmaz F., Mutlu M.B., **Çabuk A.** Bacterial Diversity of Boron Mine Distrinct in Kırka, Turkey. 4th Conference on Microbial Diversity., Bari, İtalya, 24-26 October 2017.
22. Gedikli S., Mutlu M.B., **Çabuk A.** Prokaryotic Diversity of Çitgöl Thermal Spring. 4th Conference on Microbial Diversity, Bari, İtalya, 24-26 October 2017.
23. Nural Yaman B., Aytar Çelik P., Mutlu MB., **Çabuk A.** Microbial Diversity of Acidic Mine Drainage in Kahramanmaras, Turkey. BioMicroWorld2018, Torremolinos İspanya, 24-25 Mayıs 2018.

**B-4 Papers presented oral and published as fulltext at national congresses, symposium, panel discussions, workshops, scientific, artistic meetings**

1. Şaşmaz S., Gedikli S., Aytar P., Güngörmedi G., **Çabuk A.**, Ünal A., Kolankaya N. Lakkaz ve Lakkaz Aracılı Sistemler Kullanılarak Bazı Boyarmaddelerin Dekolorizasyonu- Sözlü bildiri, 16. Ulusal Biyoteknoloji Kongresi, Antalya, 2009.
2. Gedikli S., Aytar P., Çelikdemir M., Ünal A., Yamaç M., **Çabuk A.**, Kolankaya N. Çeşitli Makrofungus İzolatlarının Lakkaz Üretim Yetenekleri Açısından Değerlendirilmesi-Sözlü bildiri, 16. Ulusal Biyoteknoloji Kongresi, Antalya, 2009.
3. Aytar P., Gedikli S., Çelikdemir M., Uzuner S., Farizoğlu B., Şam M., **Çabuk A.** Bazı Beyaz Çürükçül Funguslarla Zeytin Karasuyundan Fenol Giderimi-Sözlü Bildiri, 16. Ulusal Biyoteknoloji Kongresi, Antalya, 2009.

**B-5 Papers presented oral and published as abstract text at national congresses, symposium, panel discussions, workshops, scientific, artistic meetings.**

1. İlhan S., **Çabuk A.** Porsuk Çayı'nın Mevsimsel Olarak Fiziksel, Kimyasal ve Mikrobiyolojik İncelenmesi, 15. Ulusal Biyoloji Kongresi, 48, Ankara, 2000.
2. **Çabuk A.**, İlhan S. İmmobilize Bakteriyal Biyokütle ile Atıksulardan Pb<sup>2+</sup> Giderimi, 16. Ulusal Biyoloji Kongresi, 37, Malatya, 2002.
3. İlhan S., Filik C., **Çabuk A.**, Çalışkan F. Metarrhizium anisopliae var. anisopliae Biyokütlesinin Nikel Biyosorpsiyon Kapasitesi Üzerine Ön İşlemlerin Etkisi, 17. Ulusal Biyoloji Kongresi, 5, Adana 2004.
4. **Çabuk A.**, Akar T., Tunalı S. "Bacillus sp. Kullanılarak Sulu Çözeltilerden Pb<sup>2+</sup> Uzaklaştırılması", 5. Ulusal Kromatografi Kongresi, 85, Eskişehir 2004.
5. **Çabuk A.**, Ünal A.T., Kolankaya N. "Beyaz Çürükçül Funguslarla Siyanür Biyodegradasyonu", 14. Ulusal Biyoteknoloji Kongresi, 124-127, Eskişehir 2005.
6. **Çabuk A.**, Tabak Ö., Alper N., Akar T., Tunalı S., Kolankaya N. "Trametes versicolor ATCC (200801)'dan Elde Edilen Eksopolisakkarit ile Pb (II) Uzaklaştırılması", 14. Ulusal Biyoteknoloji Kongresi, 136-140, Eskişehir 2005.
7. **Çabuk A.**, Tunalı S., Akar T., Gedikli S., Şaşmaz S., "Pinus nigra kozalaklarında immobilize Saccharomyces cerevisiae biyokütlesi ile Pb<sup>2+</sup> giderimi", 18. Ulusal Biyoloji Kongresi, Adnan Menderes Üniversitesi, Kuşadası, 2006.
8. Özel Y.K., Cin M., Gedikli S., Aytar P., **Çabuk A.** Ünal A., Kolankaya N., Beyaz çürükçül funguslar ile siyanür içeren atık suyun iyileştirilmesi, 9. Ulusal Ekoloji ve Çevre Kongresi, Nevşehir, 2009.
9. Kutlu F., Gedikli S., Aytar P., Çelikdemir M., **Çabuk A.** Katı substrat fermentasyonu ile lakkaz, lignin peroksidaz ve mangan peroksidaz üretimi, 9. Ulusal Ekoloji ve Çevre Kongresi, Nevşehir, 2009.
10. Tabak Ö., Aytar P., Gedikli S., Ünal A., **Çabuk A.** Kolankaya N, Trametes versicolor'dan elde edilen lakkaz enzimi ile bazı klorofenolik bileşiklerin deklorinasyonu, 9. Ulusal Ekoloji ve Çevre Kongresi, Nevşehir, 2009.
11. Aytar P., Gedikli S., Yıldırım S., Yardımcı E., Oduncu E., Farizoğlu B., **Çabuk A.**, Zeytin kara suyunun fenol gideriminde ardışık montmorillonit ile adsorpsiyon ve biyolojik işlemin kullanılması, Sözlü sunum, X. Ekoloji ve Çevre Kongresi, Çanakkale, 2011.
12. Çelikdemir M., Buruk Y., Burnak N., **Çabuk A.**, Biyosümfektan Üretici Bir İzolat İçin Plackett Burman İstatistiksel Analiz Yöntemi İle Besiyeri Bileşenlerinin Optimizasyonu, Sözlü Sunum, 21. Uluslararası katılımcı Ulusal Biyoloji Kongresi, İzmir, 2012.
13. Sunguroğlu C., Sezgin D.E., Aytar Çelik P., **Çabuk A.**, Hyaluronik Asit Sentaz Geninin Lactococcus lactis'de Ekspresyonu, Sözlü sunum, 18. Biyoteknoloji Kongresi, Konya, 2015.
14. Çakmak H., Güngörmedi G., Demirbilek M., Çelik P.A., **Çabuk A.** Pseudomonas aeruginosa'dan Rhamnolipid Üretimi ve Karakterizasyonu, Sözlü sunum, 18. Biyoteknoloji Kongresi, Konya, 2015.
15. Korkmaz F., Sönmez G.D, Aytar Çelik P., **Çabuk A.**, Mutlu M.B., Yüksek Bor İçerikli Maden Toprağının Mutajenite ve Genotoksisitenin Ames/Salmonella, Muta-Chromoplate ve RAPD-

PCR Yöntemleriyle Araştırılması, Sözlü sunum, 18. Biyoteknoloji Kongresi, Konya, 2015.

16. Toptaş Y., Öz Aksoy D., Aytar Çelik P., Koca S., Koca H., **Çabuk A.** Biyomadencilik uygulamalarında kullanılacak endüstriyel mikroorganizmalar, Sözlü Sunum, 23. Ulusal Biyoloji Kongresi, Gaziantep, 2016.
17. Çakmak H., Güngörmedi G., Dikmen G., Aytar Çelik P., **Çabuk A.** Ramnolipid Üretiminde Farklı Solvent Ekstraksiyon Stratejileri. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.
18. Yiğit E., Nural Yaman B., Gedikli S., Aytar Çelik A., **Çabuk A.** Bor Tolerant Mikroorganizmalardan Proteaz Üretimi. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.
19. Gedikli S., Aytar Çelik P., Demirbilek M., Denkbaş E.B., Mutlu M.B., Bütün V., **Çabuk A.** Termal Kararlılığa Sahip Biyopolimer Üretimi., Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.
20. Güngörmedi G., Gedikli S., Demirbilek M., Toptaş Y., Sezgin D.E., Aytar Çelik P., Denkbaş E.B., Bütün V., **Çabuk A.** Deneysel Tasarım ile Mikrobiyal Hyaluronik Asit Üretim Koşullarının Optimizasyonu. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.
21. Korkmaz F., Aytar Çelik P., Deniz Sönmez G., Mutlu M.B., **Çabuk A.** Bor Maden Drenaj Suyunun Toksisitesi ve Potansiyel Risk Değerlendirmesi. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.
22. Toptaş Y., **Çabuk A.** Asidodofilik Bakterilerin Kömür Biyodesülfürizasyonunda Kullanımı. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.
23. Karakaş S., Korkmaz F., Aytar Çelik P., **Çabuk A.** Bor İçeriği Yüksek Toprak Örneğinin Fitotoksik, Genotoksik ve Sitogenetik Etkileri. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.
24. Şener B., Öz Aksoy D., Aytar Çelik P., Toptaş Y., Koca S., Koca H., **Çabuk A.** Kömür Kükürt Gideriminde Döner Tambur Tipi Biyoreaktör Uygulamaları. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.

#### **B-6 Papers presented poster at national congresses, symposia, panel discussions, workshops, scientific, artistic meetings**

1. İlhan, S., Filik, C., **Çabuk A.** Yaş ve Kuru Fungus Miselleriyle Kurşun Biyosorpsiyonu Üzerine pH'nın Etkisi, 12. Biyoteknoloji Kongresi, 48, Balıkesir 2001.
2. **Çabuk, A.**, İlhan, S. İmmobilize *Bacillus subtilis* ile Sıkıştırılmış Yatak Biyoreaktörde Cu<sup>2+</sup> Giderimi ve Geri Kazanımı, 13. Biyoteknoloji Kongresi, 129, Çanakkale 2003.
3. **Çabuk A.**, Tunalı S., Akar T. "Bakteriyal Biyokütle ile Cu<sup>2+</sup> Biyosorpsiyonu için Optimum Koşulların Belirlenmesi", 5. Ulusal Kromatografi Kongresi, 145, Eskişehir 2004.
4. Akar T., **Çabuk A.**, Kotluk Z., Tunalı S., "Serbest ve İmmobilize *Saccharomyces cerevisiae* Hücreleri ile Ağır Metal İyonlarının Uzaklaştırılması", 1. Ulusal Afinité Teknikleri Kongresi, 67, Ankara, 2005.
5. **Çabuk A.**, Kotluk Z., Şaşmaz S., Tunalı S., Akar T. "*Saccharomyces cerevisiae* Hücrelerinin Katı ve Sıvı Besiyerinde Cu<sup>2+</sup> Dirençliliği ve Biyosorpsiyon ile İlişkilendirilmesi", 14. Ulusal Biyoteknoloji Kongresi, 528, Eskişehir 2005.



6. Kızılcık M., Yamaç M., **Çabuk A.** Bazı Makrofungus İzolatlarının Farklı Besiyerlerinde Eksopolisakkarit Üretim Potansiyeli, 14. Ulusal Biyoteknoloji Kongresi, 566, Eskişehir, 2005.
7. Akar, T., **Çabuk, A.**, Tunalı, S. *Bacillus* sp. Biyokütlesi ile Pb<sup>2+</sup> ve Cu<sup>2+</sup> İyonlarının Biyosorpsiyon Mekanizmasının Araştırılması, 19. Ulusal Kimya Kongresi, 443, Aydın, 2005.
8. **Çabuk A.**, Yamaç M., Öztürk N., Erkara İ.P. *Vitex agnus-castus* L. Ekstrelerinin Antimikrobiyal Aktivitesi, 18. Ulusal Biyoloji Kongresi, 221-222, Aydın, 2006.
9. **Çabuk A.**, Tunalı S., Akar T., Yamaç M. *Ganoderma carnosum* Pat. Fungal Biyokütlesi ile Pb<sup>2+</sup> Giderimi, 18. Ulusal Biyoloji Kongresi, 230-231, Aydın, 2006.
10. **Çabuk A.**, Akar T., Tunalı S., Tabak Ö. Silika Jelde İmmobilize *Bacillus* sp. ATS-2 Biyokütlesi ile Sıkıştırılmış Yatak Biyoreaktörde Pb<sup>2+</sup> Giderimi, 18. Ulusal Biyoloji Kongresi, 231, Aydın, 2006.
11. Akar T., Tunalı S., **Çabuk A.** *Aspergillus parasiticus* Biyokütlesi ile Sulu Çözeltilerden Pb<sup>2+</sup> İyonunun Biyosorpsiyonu, 3. Ulusal Analitik Kimya Kongresi, 199, Çanakkale, 2006.
12. Kaynak Z., Tunalı S., Akar, T., **Çabuk A.**, Demir, T.A., Gedikbey, T. *T. versicolor* Tutturulmuş Kil ile Cu<sup>2+</sup> İyonlarının Adsorpsiyon Şartlarının Araştırılması, 3. Ulusal Analitik Kimya Kongresi, 50, Çanakkale, 2006.
13. Kaynak Z., Tunalı S., Akar T., Çabuk A., Tabak Ö., Demir T.A., Gedikbey T., *T. versicolor* Tutturulmuş Kil ile Cu<sup>2+</sup> İyonlarının Sulu Çözeltilerden Uzaklaştırılmasında Atomik Absorpsiyon Spektroskopisinin Kullanımı, 10. Ulusal Spektroskopi Kongresi, 130, İzmir, 2007.
14. Aytar P., **Çabuk A.**, *Phanerochaete chrysosporium* ile linyit kömüründen kükürt giderimi, 7. Ulusal Ekoloji ve Çevre Kongresi, Malatya, 2007.
15. Tunalı Akar S, Akar T, **Çabuk A.** *Decolorization of a textile dye, Reactive Red 198 (RR198), by Aspergillus parasiticus* fungal biosorbent, XXII. Ulusal Kimya Kongresi, Kıbrıs, 2008.
16. Akar T., **Çabuk A.**, Tunalı S. FTIR, SEM/EDX Teknikleri Kullanılarak *Aspergillus parasiticus* Biyokütlesi ile Kurşun(II) İyonlarının Biyosorpsiyon Mekanizmasının Araştırılması 4. Ulusal Afinite Teknikleri Kongresi, Muğla, 2008.
17. Aytar P., **Çabuk A.** *Trametes versicolor* ile Linyit Kömüründen Kükürt Giderimi, 19. Ulusal Biyoloji Kongresi, Trabzon, 2008.
18. Gedikli S., Aytar P., Güngörmedi G., Benli E., **Çabuk A.** Lakkaz enzimi ile kot boyar maddesinin biyolojik yıkımı, 9. Ulusal Ekoloji ve Çevre Kongresi, Nevşehir, 2009.
19. Aytar P., Gedikli S., Çelikdemir M., Şam M., Ünal A., **Çabuk A.**, Kolankaya N. *Trametes versicolor*'dan elde edilen lakkaz ile düşük kaliteli linyit kömürlerinden kükürt uzaklaştırılması, 16. Ulusal Biyoteknoloji Kongresi, Antalya, 2009.
20. Özel Y.K., Gedikli S., Aytar P., Çelikdemir M., Ünal A., **Çabuk A.**, Kolankaya N. Çeşitli makrofungus izolatlarının siyanür yıkım yeteneklerinin araştırılması, 16. Ulusal Biyoteknoloji Kongresi, Antalya, 2009.
21. Özel Y.K., Gedikli S., Aytar P., **Çabuk A.**, Ünal A., Kolankaya N. *Trametes versicolor*, *Phanerochaete chrysosporium* ve *Pleurotus sajorçaju* biyokütleleri ile kurşun, nikel ve çinko biyosorpsiyonu, 20. Ulusal Biyoloji Kongresi, Denizli, 2010.
22. Güngörmedi G., Şaşmaz S., Aytar P., Gedikli S., Ünal A., **Çabuk A.**, Kolankaya N. *Trametes*

*versicolor* biyokütlesi ile Reaktif Red 198 boyarmaddesinin biyosorpsiyonu, 20. Ulusal Biyoloji Kongresi, Denizli, 2010.

23. Çelikdemir M., Gedikli S., Aytar P., Ünal A., **Çabuk A.**, Kolankaya N. Mikrodalganın Maya ve Bakteri Hücrelerinin Canlılığı üzerine etkisi, 20. Ulusal Biyoloji Kongresi, Denizli, 2010.
24. Girgin M., Özçelik B., Gedikli S., Aytar P., Ünal A., **Çabuk A.**, Kolankaya N. İmmobilize *Saccharomyces cerevisiae* hücrelerinin Dylon Navy 17 biyosorpsiyonunda Kullanılabilirliği, 20. Ulusal Biyoloji Kongresi, Denizli, 2010.
25. Gedikli S., Aytar P., Ünal A., Yamaç M., **Çabuk A.**, Kolankaya N. *Trametes versicolor* lakkazı ile 4-klorofenol ve 2,4,5-triklorofenolden klor uzaklaştırılması, 20. Ulusal Biyoloji Kongresi, Denizli, 2010.
26. Gedikli S., Aytar P., Özel Y.K., Çelikdemir M., Güngörmedi G., **Çabuk A.** Asidik maden drenajından izole edilen fungal biyokütle ile Blue 72, Orange 13 ve Violet 1 tekstil boyarmaddelerinin renk gideriminin araştırılması, Poster sunum, X. Ekoloji ve Çevre Kongresi, Çanakkale, 2011.
27. Çelikdemir M., **Çabuk A.** Hidrokarbon kirliliği olan topraklardan izole edilen mikroorganizmaların biyosüfektan üretim yeteneklerinin araştırılması, Poster sunum, X. Ekoloji ve Çevre Kongresi, Çanakkale, 2011.
28. Toptaş Y., Uğur N., Çiper P.B., **Çabuk A.** Hatay iline ait zeytinyağların antibakteriyel aktivitesinin araştırılması, Poster sunum, X. Ekoloji ve Çevre Kongresi, Çanakkale, 2011.
29. Cengiz G., Toptaş Y., **Çabuk A.**, Şam M. Manyetik nanopartikül (Fe<sub>3</sub>O<sub>4</sub>) yüklü *Trametes versicolor* biyokütlesi ile Reaktif Blue 13, Yellow 85, Violet 1 boyarmaddelerinin biyosorpsiyonu, Poster Sunum, 21. Uluslararası katılımcı Ulusal Biyoloji Kongresi, İzmir, 2012.
30. **Çabuk A.**, Gedikli S., Aytar P., Çelikdemir M. Kimyasal olarak modifiye edilmiş fungal biyosorbentle reaktif tekstil boyarmaddelerinden renk giderimi, Poster sunum, 21. Uluslararası katılımcı Ulusal Biyoloji Kongresi, İzmir, 2012.
31. Aytar P., Bozkurt D., Erol S., Özdemir M., **Çabuk A.** Asidik maden drenajından izole edilen *Penicillium ochrochloron* ile bazı asidik tekstil boyar maddelerin gideriminin optimizasyonu, Poster sunum, 22. Ulusal Biyoloji Kongresi, Eskişehir, 2014.
32. Gedikli S., Aytar S., Buruk Y., Apohan E., **Çabuk A.**, Yesilada Ö., Burnak N. *Trametes versicolor* ile lakkaz üretimi ve renk giderimi: Taguchi ve Box Behnken Yöntemlerinin Uygulanması, Poster sunum, 22. Ulusal Biyoloji Kongresi, Eskişehir, 2014.
33. Toptaş Y., Erdönmez O., Katar Ş., Kavak D., **Çabuk A.** Kimyasal Olarak Modifiye Edilmiş *Saccharomyces cerevisiae* biyokütlesi ile kurşun giderimi, Poster sunum, 22. Ulusal Biyoloji Kongresi, Eskişehir, 2014.
34. Yardımcı E., **Çabuk A.** Potansiyel termofilik proteaz üreticisi izolat ile üretim koşullarının optimizasyonu, Poster sunum, 22. Ulusal Biyoloji Kongresi, Eskişehir, 2014.
35. Yıldırım S., **Çabuk A.** Hidrokarbon kirliliği bulunan topraklardan izole edilen mikroorganizmalardan mikrobiyal pigment üretimi, Poster sunum, 22. Ulusal Biyoloji Kongresi, Eskişehir, 2014.
36. Gungormedi G., Çakmak H., Sunguroğlu C., Mutlu M.B., **Çabuk A.** Halofilik Arke ve Bakterilerin Poli-β-hidroksibütirat Üretim Yeteneklerinin Belirlenmesi, Poster sunum, 22. Ulusal Biyoloji Kongresi, Eskişehir, 2014.

37. Ülker D., Tuncer C., Baker Ş.B., Toptaş Y., **Çabuk A.**, Bütün V. Çoklu Çevre Duyarlı Mikrojjeller ile Katalitik Etkinlik ve Antibakteriyel Etkinlik Çalışması, Kuşadası 2015.
38. Birhanlı E., Yeşilada Ö., **Çabuk A.** Yeni İzole Edilmiş Mikroorganizmalarla Reaktif Mavi 171'in Renginin Giderimi, Poster sunum, 18. Biyoteknoloji Kongresi, Konya 2015.
39. Bozkurt D., Aytar Çelik P., Sönmez G.D., Mutlu M.B., Korkmaz F., **Çabuk A.** Bor İçeren Çevresel Örneklerden Bakteri İzolasyonu ve Elde Edilen İzolatların Bor Toleranslarının Belirlenmesi, Poster sunum, 18. Biyoteknoloji Kongresi, Konya 2015.
40. Erol S., Katar Ş., Aytar Çelik P., **Çabuk A.**, Özdemir M. Tekstil Endüstrisinde Kullanılan Reaktif Boyarmaddelerin Adsorpsiyon Kinetiğinin İncelenmesi, Poster sunum, 18. Biyoteknoloji Kongresi, Konya 2015.
41. Katar Ş., Erol S., Aytar Çelik P., Özdemir M., **Çabuk A.** Asidik Maden Drenajından İzole Edilen *Taloromyces* sp. ile Bazı Asidik Reaktif Boyarmaddelerin Biyosorpsiyonu, Poster sunum, 18. Biyoteknoloji Kongresi, Konya 2015.
42. Toptaş Y., Aytar Çelik P., Gedikli S., Güngörmedi G., Sudağıdan M., Çökmüş C., **Çabuk A.**, Öktem H.A. Sivas Kangal Bölgesi Linyitlerinin Biyolojik Olarak İyileştirilebilirliği, Poster sunum, 18. Biyoteknoloji Kongresi, Konya 2015.
43. Güngörmedi G., Gedikli S., Toptaş Y., Aytar Çelik P., **Çabuk A.**, Öktem H.A. Mezofilik ve Termofilik Bakterilerden elde edilen Proteazın Deterjan Uygulamalarındaki Kullanılabilirliği, Poster sunum, 18. Biyoteknoloji Kongresi, Konya, 2015.
44. Gedikli S., Toptaş Y., Çelik PA., Güngörmedi G., **Çabuk A.**, Öktem H.A. Mikrobiyal Gübre Potansiyeli Olan Bakterilerin Eldesi, Poster sunum, 18. Biyoteknoloji Kongresi, Konya, 2015.
45. Birhanlı E., Yeşilada Ö., **Çabuk A.** Çeşitli Tekstil Boyalarının Yeni İzole Edilmiş *Bacillus megaterium* İle Renginin Giderimi, Poster Sunum, 23. Ulusal Biyoloji Kongresi, Gaziantep, 2016.
46. Gedikli S., Güngörmedi G., Demirbilek M., Toptaş Y., Sezgin DE., Aytar Çelik P., Denkbaş EB., Bütün V., **Çabuk A.** Hyaluronik Asitin Fiziksel Koşullardaki Kararlılığı. Uluslararası Katılımlı 19. Biyoteknoloji Kongresi, Eskişehir, Türkiye, 01-03 Aralık 2017.

#### 10- TEACHING ACTIVITIES (Last 3 years)

Academic Year	Term	Lessons	Week Hours		Student
			Theoretical	Practical	
2016-2017	Fall	General Biology I	5		29
		Microbial Ecology	2	2	4
		Applied Biotechnology I	2	2	2
		Industrial Microorganism and Seconder Metabolits	3		2
		Specialization course (Msc)	3		1
		Specialization course (PhD)	3		1
		Specialization course (PhD)	3		2
	Spring	Bioeconomy	3		6
		Biotechnology II	2		10

		<b>Applied Biotechnology II</b>	2	2	1
		Specialization course (Msc)	3		1
		Specialization course (Msc)	3		1
		Specialization course (PhD)	3		2
		Specialization course (PhD)	3		1
<b>2017-2018</b>	Fall	<b>Bioeconomy</b>	3		6
		<b>Microbial Metabolism</b>	2		4
		<b>Applied Biotechnology I</b>	2	2	1
		<b>Biotechnology and Intrapreneurship</b>	3		2
		<b>Microbial Polymers</b>	3		4
		<b>Research Design, Funding and Intellectual Property Rights</b>	3		1
		Specialization course (Msc)	3		1
		Specialization course (Msc)	3		1
		Specialization course (PhD)	3		2
		Specialization course (PhD)	3		1
	Spring	<b>Biotechnology II</b>	2		30
		<b>GDO and Biosafety</b>	2		5
		<b>Microbial Biotechnology</b>	3		8
		<b>Research Design, Funding and Intellectual Property Rights</b>	3		4
		<b>Applied Biotechnology II</b>	2	2	1
		Specialization course (Msc)	3		1
Specialization course (PhD)		3		2	
Specialization course (PhD)		3		1	
<b>2018-2019</b>	Fall	<b>Archaeal Biology</b>	2		4
		<b>Biology Analysis</b>	2	2	1
		<b>Microbial Polymers</b>	3		3
		<b>Research Design, Funding and Intellectual Property Rights</b>	3		1
		Specialization course (Msc)	3		1
		Specialization course (PhD)	3		3
		Specialization course (PhD)	3		1

## 11- AWARDS/SCHOLARSHIPS

1) TÜBİTAK-BAYG Yurtiçi Doktora Lisansüstü Burs Programı

## 12- PATENTS

1) **Çabuk A.**, Güngörmedi, G., Denkbaş, E.B., Çınar, S., Demirbilek, M., Mutlu, M.B., "Poli-β-hidroksibütirat Sentezi İçin Bir Yöntem", Türk Patent Enstitüsü, Baş. No: 2013/15639, Tescil Tarihi: 22.12.2017.

2) **Çabuk A.**, Şener B., Öz Aksoy D., Aytar Çelik P., Koca S., Koca H., Toptaş Y. "Yüksek Kül ve Kükürt İçerikli Linyitlerde Kül ve Kükürt Azaltma Yöntemi ve Bu Yöntemle İyileştirilmiş Kömür Özellikleri", Baş. No:2017/18967 Başvuru Tarihi: 28.11.2017.

### 13- ADMINISTRATIVE GOAL

- 1) Eskişehir Osmangazi University, Science Research and Application Center, Assistant Director 2008-2011.
- 2) Eskişehir Osmangazi University, Institute of Science and Technology, Deputy Director, 2009-2016.
- 3) Eskişehir Osmangazi University, Institute of Science, Biotechnology and Biosafety Department, Head (Founder), 2012- Ongoing.
- 4) Eskişehir Osmangazi University, Continuing Education Center Advisory Board Membership, 2013- 2016.
- 5) Eskişehir Osmangazi University, Technology Transfer Office Research and Application Center, Director (Founder), 2013- 2018.
- 6) Eskişehir Osmangazi University Central Research Laboratory Application and Research Center Board Member, 2015- 2017.
- 7) Republic of Turkey Ministry of Science, Industry and Technology, Public-University-Industry Cooperation Eskişehir Province Representative, 2016- present.
- 8) Eskişehir Osmangazi University, University Executive Board Member, 2016- 2017.
- 9) Eskişehir Osmangazi University Vice Rector, 2017- 2019
- 10) Eskişehir Osmangazi University, Head of Scientific Research Projects Commission, 2017- 2019.
- 11) Eskişehir Osmangazi University, Head of Quality Commission, 2017- 2019
- 12) Eskişehir Osmangazi University, Head of Academic Activity Commission, 2017- 2019.
- 13) Eskişehir Osmangazi University, Institute of Science, , Basic and Industrial Microbiology Department Head, 2018- Ongoing

### 14- OTHER ACTIVITIES

1. Member of the Organizing Committee, National Biosafety and Biodiversity Issues Panel, Eskişehir, 11 April 2013.
2. Member of the Organizing Committee, Graduate Education Symposium of the Graduate School of Natural and Applied Sciences (FENBİLKON-5), 16-18 May 2013.
3. Panelists, **Çabuk A.**, Mutlu MB. Classic and Molecular Methods Used in Determination of Bacterial and Archaeal Diversity Panel: Turkey's Microbial Diversity, 20th National Biology Congress, Denizli, 2010.

4. Congress Secretary, 22nd National Biology Congress, Eskişehir, 23-27 June 2014.
5. Member of Science and Organizing Committee, 18th National Biotechnology Congress, 18-20 December 2015.
6. Member of the Scientific Committee, 23rd National Biology Congress, Gaziantep, 01-05 September 2016.
7. Invited Speakers, Entrepreneurship Ecosystem in Food, Environment and Industrial Biotechnology in Turkey, Vision Summit Program in Biotechnology, Inc. GTÜ-TTM. 22 September 2017.
8. Member of Science and Organizing Committee, 19th National Biotechnology Congress with International Participation. 01-03 December 2017.
9. Session Chair, Multidimensional Innovation in Nursing ", 1st International Congress on Innovative Nursing, Istanbul, 4-5 May 2018.

#### **15. MEMBERSHIPS FOR SCIENTIFIC ASSOCIATION**

1. Biotechnology Association
2. Biologists Association
3. European Biotechnology Federation

#### **16. CITATIONS**

Atif Sayısı : 1798 (02.05.2020)

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