

CURRICULUM VITAE



(Total five pages, Refrees on page 5)

1. **Family name:** AVCIOĞLU DÜNDAR
2. **First names:** BANU
3. **Current Address:** Güvenlik cad. 36-13, Aşağı Ayrancı, Ankara. 06540
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5. **Email:** banuavcioglu@gmail.com, banuavcioglu@yahoo.com
6. **Date of birth:** 1975
7. **Marital Status:** Married, one child
8. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Biotechnology Program, Middle East Technical University (ODTU/METU), Ankara, Turkey [2001- 2008]	Ph.D.
Biotechnology Program, Middle East Technical University (ODTU/METU), Ankara, Turkey [1997- 2000]	M.Sc.
Food Engineering Department, Middle East Technical University (ODTU/METU), Ankara, Turkey [1993- 1997]	B.Sc.

9. Language skills: (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	2	1
German	2	3	4

10. Membership of professional bodies:

The Research Association of Rural Environment and Forestry – RAREF (Kırsal Çevre ve Ormancılık Sorunları Araştırma Derneği-KIRSAL CEVRE)
www.kirsalcevre.org

9. Other skills: (e.g. Computer literacy, etc.)

Computer skills: Microsoft Excel, Microsoft Word, R (beginner)

10. Present position:

Research manager in a biotechnology firm (Biyans)

11. Years within the firm:

Third year

12. Professional experience

Date from Date to	Company	Position	Description
10/2011-	Biyans Biological Products Co. (http://www.biyans.com)	Research Manager and Training Coordinator	Working in biotechnological research and development projects
12/2010-10/2011	Full-time care for my baby		
01/06/2010-30/11/2010	Scholarship form TUBITAK	Post-doc researcher	Post-doc researcher in Ankara University Faculty of Agriculture Plant Protection Department and Biotechnology Institute
06/2010 - 10/2010	STGM	Member of evaluation committee	Evaluation of the proposed projects to the "Empowering Civil Participation at Local Level" Grant Scheme, which was a component within the project "Active Participation for Civil Society Development" implemented by STGM
03/2009-10/2009	STGM	Consultant	Monitoring of Grant Projects within the project "Supporting Civil Society Development and Civil Dialogue in Turkey" implemented by STGM
12/03/2007-12/06/2007	Scholarship form TUBITAK to work in WSU-USDA-ARS	Short term researcher	Short-term scholarship for Ph.D. research in plant molecular biology
20/06/2006-30/6/2006	STGM ((Sivil Toplum Geliştirme Merkezi- <i>Civil Society Development Center</i>) www.stgm.org.tr)	Independent Evaluator	Evaluation of projects applied to STGM related to "Strengthening Civil Society in Turkey: Supporting Networks, Capacity Building and participatory Local Projects."
07/2003-10/2003	Turkish Patent Institute	Patent Examiner	in International Affairs Department- work related to national and international legislation, international affairs on intellectual property rights (including patents, utility models, geographical indications), review of new patent legislation and European legislation of biotechnological inventions
04/2001-07/2003	Turkish Patent Institute	Patent Examiner	in Patent Department- work related to patent and utility model applications, review of new patent legislation and European legislation of biotechnological inventions, national representation of meetings related to international patent legislation
12/1997- 04/2001	Turkish Patent Institute (www.turkpatent.gov.tr)	Assistant Patent Examiner	in Patent Department- work related to patent and utility model applications, preparation of Speciality Area Dissertation on biotechnological inventions.

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15. Other relevant information (Publications, etc.)

BIOTECHNOLOGY-MOLECULAR BIOLOGY FIELD

Post-doc study and after: Isolation of acetylcholinesterase gene cDNA from Cottonworm (*Spodoptera littoralis*); assays for testing compounds for fungicide activity on plants/fruits, molecular identification of fungi, teaching molecular biology techniques within the current employer.

PhD Thesis: Expression Profiling in Response to *Ascochyta rabiei* Inoculations in Chickpea. Biotechnology Program, Middle East Technical University (METU), Ankara, Turkey 2008.

MSc Thesis: Screening of Soil Microorganisms to Isolate Xylanase Producers. Biotechnology Program, Middle East Technical University (METU), Ankara, Turkey 2000.

Laboratory Experience: plant-fungus-bacteria nucleic acid isolation, various PCR methods, RT-PCR, Real-Time qRT-PCR, sequencing (radioactive) PAGE and agarose gel electrophoresis, cloning, sequence data analyzing, primer design, BLAST, molecular marker analysis, bacteria screening, enzymatic analysis, detached leaf assay, plant/fruit fungus infection assays.

Publications/Presentations

- Yurtkuran, Z., Altan B., Avcioglu DüNDAR, B. [*Domates, Biber ve Üzümde Uçucu Yağ Uygulamasının Depo Koşullarında Botrytis cinerea Enfeksiyonuna Karşı Etkisi.*] Effect of Volatile Oil Application against Botrytis cinerea Infection on Tomato, Pepper and Grape under Storage Conditions. FP38. V. Plant Protection Congress Turkey, 3-5 February 2014, Antalya. Page: 249 (poster)
- Avcioglu-DüNDAR, B., Gürkan, O. [*Pamuk Yaprak Kurdunun (Spodoptera littoralis) Asetilkolinesteraz Geni cDNA'sının Eldesi*] Isolation of acetylcholinesterase gene cDNA from Cottonworm (*Spodoptera littoralis*). PH010. 21th National Biology Congress. 3-7 September 2012, İzmir, Turkey. page:1326. (Poster)
- Avcioglu-DüNDAR, B., McPhee, K., Okubara, P., Akkaya, M. Comparison of Expression Levels of Ascochyta Blight (*Ascochyta rabiei*) Responding ESTs in Chickpea X Pathotype Interaction Couples. PH011. 21th National Biology Congress. 3-7 September 2012, İzmir, Turkey. page:1327. (Poster)
- Molla,D., Toksöz, S., Yurtkuran, Z., Avcioglu DüNDAR, B. [*Evcil Kanaryada (Serinus canaria domestica) DNA Eşey Tayini*] DNA-based Sex Determination in Domestic Canary *Serinus canaria domestica*. PH113. 21th National Biology Congress. 3-7 September 2012, İzmir, Turkey. page:1418. (Poster)
- Rajesh, P.N. Avcioglu, B., Nayak, S., Winter, P., Varshney, R., McPhee, K., Zhang, H., Muehlbauer, F., Chen, W. Integration of Additional Molecular Markers and Genetic Analysis of Ascochyta Blight Resistance In Chickpea. Poster no: P386. Plant & Animal Genomes XVI Conference. January 12-16, 2008. Town & Country Convention Center, San Diego, CA.
- Avcioglu-DüNDAR, Akkaya, M.S. [*Ascochyta rabiei* yanıklığı hastalığına karşı dirençlik mekanizmasında yer alan olası nohut genlerinin analizi] Analysis of putative chickpea

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- genes involved in resistance mechanism against *Ascochyta rabiei* blight disease. 15th Biotechnology Congress of Biotechnology Association, 28-31 October 2007, Antalya, Turkey] (Poster)
- Avcioglu-Dünder, B., Bayraktar, H., Dolar, S., Akkaya, M.S. [Nohut (*Cicer arietinum* L.) *Ascochyta rabiei* yanıklığı hastalığına karşı dayanıklılık mekanizmasında rol alan genlerin saptanması] Determination of genes involved in resistance mechanism of chickpea (*Cicer arietinum* L.) to *Ascochyta rabiei* blight disease. 14th Biotechnology Congress of Biotechnology Association, 31 August-2 September 2005, Eskisehir, Turkey. (Poster)
 - Avcioglu, B. Eyupoglu, B. Bakir, U. Production and characterization of xylanases of a *Bacillus* strain isolated from soil. World Journal of Microbiology and Biotechnology. vol. 21:65–68. 2005.
 - Avcioglu, B., Bakir, U. Toprak [*Mikroorganizmalarının Taranarak Ksilanaz Üreten Bacillus İzolasyonu, Kültür Koşullarının Belirlenmesi ve Enzimin Kısmi Karakterizasyonu*] Isolation of Xylanase Producing *Bacillus* by Screening Soil Microorganisms, Determination of Culturing Conditions and Partial Characterization of the Enzyme. 12th Biotechnology Congress, 17-21 September 2001, Balıkesir, Turkey. (Presentation)

EXPERIENCES IN NGO FIELD

Publications/Presentations

- Anonymous, 2013. [*Bir Kırsal Çevre Öyküsü, Şimşirlerin Başına Gelenler... Şimşir Ormanlarına Ne Oldu?*] A Rural Environment Story: What happened to Boxes (*Buxus sempervirens*)? What happened to Box Forests. Editors: Avcioglu B, Şenel İ., Demirtaş, A. (Book).
- Avcioglu, B. [*Türkiye'deki Tabiatı Koruma Alanlarının Özellikleri ve Başlıca Sorunları*] Characteristics and Main Problems of Nature Protection Areas in Turkey. Symposium of Protected Natural Areas. Faculty of Forestry, Suleyman Demirel University, 8-10 September 2005, Isparta. Turkey] (Poster)
- Experiences of RAREF in Camili – Macahel. In-job Training of the General Directorate of National Parks, Hunting and Wild Life. 2-5 April 2002, Bursa, Turkey. (presentation)

Participated in Projects

- Project named Promotion and Conservation of *Buxus sempervirens* Forest in Firtına Valley, Rize (UNDP GEF SGP, 2012- 2013)
- Project named Method Identification and Dissemination of Multi-Purpose Energy Forestry Applications (UNDP GEF SGP, 2008-2010)
- Project named Publication In Regard to Determination and Prevention of Economic, Social, Cultural and Technical Reasons Which May Give Harm to High-Mountain Ecosystems in the East Black Sea Region (2005-2006) (Critical Ecosystem Partnership Fund-CEPF)
- Project named "Presentation of Nature Reservation areas in Turkey on Local, National, and International Levels, and Granting Public Participation Protection of Gene Resources (The Case of Gevne Valley)" (UNDP GEF / SGP, 1998-2000)

Others

- Turkey National Grant Reviewer for the WWF Project “Strengthening Conservation Alliances through Critical Ecosystem Fund Coordination in the Caucasus” (CEPF)

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- Expert in genetic resources committee of the Molecular Life Science And Technologies (MLST) Foresight Project of The Turkish Academy of Sciences (TÜBA) -2003.

PATENT FIELD

Publications/Presentations

- Avcıoğlu-Dündar, B. [*Tarımsal Açıdan Önemli Bitki Genetik Kaynaklarının Kayıt Altına Alınması* Hakkındaki Çalışmanın Değerlendirilmesi. Kırsal Çevre Yıllığı.] Review of Works for Registration of Plant Genetic Resources Important for Agriculture. Rural Environment Annual. 2008. p: 43-61
- Avcıoğlu-Dündar, B. Is life patentable? Living Beings and Industrial Property. Nezahat Gökyiğit Botanical Garden. 25 November 2009. İstanbul, Turkey] (Seminar)
- Avcıoğlu, B. [Biyoteknolojik Buluşlar ve Genetik Kaynaklar] Biotechnological Inventions and Genetic Resources. Congress of Recent Developments in Industrial Rights in European Union and Turkey. The Research Centre of Intellectual and Industrial Property (FISAUM). 10 October 2003. Ankara, Turkey (ISBN:975-482-682-X). p: 107-124
- Avcıoğlu, B. [*Genler ve Canlılar Patentlenebilir mi? Biyoteknolojik Buluşların Patentle Korunmasında Türkiye'deki Uygulama*] Are genes and living beings patentable? Implementation related with Patent Protection of Biotechnological Inventions in Turkey). (2002), Turkish Patent Institute Bulletin. Year: 1, No:4, p: 17-20.
- Avcıoğlu, B. Biotechnological Inventions. Speciality Area Dissertation. January, 2001, Turkish Patent Institute, Ankara, Turkey

REFEREES

- **Professor Dr. Mahinur S. Akkaya**
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- **Professor Dr. Kevin McPhee**
(supervisor in WSU-USDA-ARS Grain Legume Genetics and Physiology Research Unit).
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