

# Esra ALTUN

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## Personal Information

Birthday and Place : 08.10.1992 / Istanbul  
Marital Status : Single  
Language Skills : English (C1) // Deutsch (A1)  
Driver Licence : B Class  
Hobbies : Archery (School Team), Skiing, Swimming, Skating, Bicycles, Books, Movies, Music, Social Media, Literature, History, Documentary

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## Education

January 2015 – Present **M.Sc.** Institute of Science and Technology, Metallurgical and Materials Engineering, Marmara University, Istanbul, Turkey

September 2010 – June 2014 **B.Sc.** Faculty of Science and Letters, Biology, Marmara University, Istanbul, Turkey

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## Working Experience

**January 2015 – Present**      **Research Asistant, Assistant of Dr. GUNDUZ**  
**Advanced Nanomaterials R&D Laboratory**  
**Metallurgical and Materials Science**  
**Marmara University**

**June – July 2012**              **Medigold Hospital / Istanbul**  
**Microbiology Research Laboratory – Summer Internship**

- Clinical microbiological applications with bacteria, microorganism, tissue and blood cultures.
  - Immunohematological and serological tests.
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## Publications and Congress Attended

- **Poly ( $\epsilon$ -caprolactone) / Bacterial Cellulose Nanofiber Composite: Preparation, Characterization and Biocompatibility in Biomimic Tissue Engineering Applications**, Oral Presentation, 28th Symposium and Annual Meeting of the International Society for Ceramics in Medicine, Charlotte, USA (18-21 October 2016)
- **Nanocapsule Chocolate with Vitamins and Minerals**, Poster Presentation, 4<sup>th</sup> International Food R&D Brokerage Event Izmir, Turkey (23-24 May 2016)
- **Nanobiotextile Production from Bacterial Cellulose Beside of the Cotton Source Cellulose**, UTIB 8th R&D Project Brokerage Event (12-13 May 2016) Bursa, TURKEY
- **Production of the Polyurethane/ Zeolite Nanocomposites with Electrospinning Method for Biomedical Engineering Applications**, Poster Presentation, Annual Conference & Expo on Biomaterials (Biomaterials 2016) London, UK (14-16 March 2016)
- **Production of a New Bioinspired Neuro-regeneration Structure**, Oral Presentation, Annual Conference & Expo on Biomaterials (Biomaterials 2016) London, UK (14-16 March 2016)
- **A Novel Study: The Mechanical Properties of Marine Sources Derived Hydroxyapatite (HAp) – Polycaprolactone (PCL) Biocomposites**, Poster Presentation, 1st International Pharmacogenomics Istanbul Summit Istanbul, Turkey (28 November 2015)
- **Production of Bacterial Cellulose Nanofibers for Tissue Engineering Applications**, Poster Presentation, Bioceramics27: 27TH SYMPOSIUM AND ANNUAL MEETING OF THE INTERNATIONAL SOCIETY FOR CERAMICS IN MEDICINE Bali, Indonesia (27-29 October 2015)
- **Bacterial Cellulose Antimicrobial Food Packaging Which Obtained From Food Waste and New Generation Biosensor Food Packaging via Microchip - EHDA Methods**, III. Food AR-GE Brokerage Market (21-22 April 2015), Izmir, Turkey, 3<sup>rd</sup>

## **Projects and Certificates**

- 18th and 19th National Biology Student Congress Social Activities Officer
  - 18th and 19th National Biology Student Congress Participant Certificate
  - Good Manufacturing Practices (GMP), Good Laboratory Practice (GLP), Good Hygiene Practices (GHP) Certificates. IEMA, September 2014
  - Endnote Bibliography Program Training, Participation Certificate. February 2016
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## **Computer Skills**

- MS Windows, MS Office; Excel, Word, Power Point, Adobe Acrobat ProDC
  - OLYMPUS analysIS FIVE
  - APPLE IOS
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## **Device Skills**

- Optical microscope,
  - Fluorescence microscope,
  - Nova 2200e Surface Area and Pore Size Analyzer
  - Real Time PCR,
  - Spectrophotometer,
  - X-Ray Diffractometer (XRD),
  - Fourier Transform Infrared Spectroscopy (FTIR),
  - Electrospinning Device,
  - EHDA Device
  - Scanning Electron Microscope (SEM)
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## **Courses**

- English Course, Oxford House College, (January 2013 – May 2013) (160 Hours)
  - Violin Course, Besiktas Arts Center, (September 2011- December 2011)
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## **References**

- Available upon request.