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Işın Altinkaya  
*Curriculum Vitae*

## EDUCATION

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- **BSc; Biology** Hacettepe University, Ankara, Turkey  
*Faculty of Science, Department of Biology* 2015 - present

## LANGUAGE

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Turkish (*Native*)  
English (*Fluent, Hacettepe University Erasmus Exam Score: 94.5/100*)

## RESEARCH EXPERIENCE

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- **Fumagalli Lab** Imperial College London  
*Intern, Advisor: Dr. Matteo Fumagalli* July 2019 - September 2019
  - **Bioinformatics:** Developing HMMploidy and ANGSDgui.
- **Biogeography Research Laboratory** Hacettepe University  
*Intern, Advisor: Dr. Barış Özudoğru* February 2019 - present
  - **Genomic & Phylogenomic Analyses:** Using plant genomic data, RADSeq.
- **Laboratory of Comparative & Evolutionary Biology** Middle East Technical University  
*Intern, Advisor: Dr. Mehmet Somel* August 2018 - June 2019
  - **Genomic Data Analyses:** Using ancient DNA.
- **Laboratory of Evolutionary & Quantitative Genetics** Hacettepe University  
*Intern, Advisor: Dr. Ergi Deniz Özsoy* October 2015 - February 2019
  - **Biostatistics & Quantitative Genetics:** Analyses of *Drosophila melanogaster* DGRP lines.

## SKILLS

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**Programming languages:** Python, R, Bash, JavaScript

**Markup languages:** L<sup>A</sup>T<sub>E</sub>X, HTML&CSS

**Operating systems:** Unix/Linux

For more information on my programming skills and experiences please refer to my GitHub and Stack Overflow profiles.

## SELECTED COURSES (ATTENDED)

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Population Genetics, Middle East Technical University, 2018  
Population Genetics Simulations with R, Middle East Technical University, 2018  
Introduction to Game Theory, Anadolu University, 2017  
Evolutionary Genomics Winter School, Hacettepe University, 2017

## PRESENTATIONS

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*Biological Evolution*, Science and Future Magazine Science for Youth Seminar, 2018  
*Introduction to Population Genetics and Evolution*, Hacettepe University Evolution Workshops, 2017  
*Evolutionary Perspectives on Ecological Problems*, Turkey Meets Evolution: Bilkent University, 2016  
*Using Evolutionary Biology to Prevent the Extinction of Species*, 7th National Environment and Ecology Student Congress, 2016

## SELECTED SYMPOSIUM AND EVENTS

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12th Aykut Kence Evolution Conference (2018) (*as Organizer*)  
Science and Utopia Evolution Courses (2017) (*as Instructor*)  
Hacettepe University Evolution Workshops (2017) (*as Instructor*)  
Hacettepe University Evolution Workshops (2016) (*as Organizer*)  
Turkey Meets Evolution: Izmir (2012) (*as Organizer*)  
Tree of Evolution Bornova Anatolian High School Evolution Workshop (2012) (*as Organizer*)

## POPULAR PUBLICATIONS (IN TURKISH)

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Science and Utopia Magazine, Issue: 283, Examining the Thin Line Between Living and Non-Living Matter, with Dr. Martin Hanczyc  
Science and Utopia Magazine, Issue: 278, Education and Perceptions: Evolution in Turkey  
Atheist Magazine, Issue: 16, The Evolving Brain  
Atheist Magazine, Issue: 14, Evolutionary Perspectives on LGBTI+  
Atheist Magazine, Issue: 13, Understanding Evolution via Human Body  
Atheist Magazine, Issue: 12, Atheist Thinking under the Light of Evolution  
Articles at Tree of Evolution can be found at [www.evrimagaci.org](http://www.evrimagaci.org) by searching Işın Altınkaya.

## WRITING EXPERIENCE

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- **Science and Utopia Magazine**  
*Science Writer, Subject: Evolutionary Biology* June 2017 - May 2018
- **Popular Science (Turkey)**  
*Translator* February 2016 - May 2016
- **Tree of Evolution**  
*Writer, Editor, Coordinator; Subject: Evolutionary Biology* November 2015 - present

## SOCIETY MEMBERSHIPS

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Ecology and Evolutionary Biology Society of Turkey, 2017 - present  
International Society for Computational Biology Student Council Regional Student Group Turkey, 2018 - present

## SCHOLARSHIPS & AWARDS

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Atheist Alliance International Foundation Scholarship, 2016  
Atheist Alliance International Foundation Scholarship, 2017  
Erasmus+ Traineeship Grant, Imperial College London, July 2019 - September 2019

## REFEREES

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**Dr. Matteo Fumagalli**, [m.fumagalli@imperial.ac.uk](mailto:m.fumagalli@imperial.ac.uk), [imperial.ac.uk/people/m.fumagalli](http://imperial.ac.uk/people/m.fumagalli), Faculty of Natural Sciences, Department of Life Sciences, Silwood Park Campus, SL5 7PY, Ascot, Berks, UK  
**Dr. Barış Özüdoğru**, [barisoz@hacettepe.edu.tr](mailto:barisoz@hacettepe.edu.tr), [barisozudogru.com](http://barisozudogru.com), Department of Biology, Hacettepe University, 06800 Ankara Turkey  
**Dr. Mehmet Somel**, [msomel@metu.edu.tr](mailto:msomel@metu.edu.tr), [compevo.bio.metu.edu.tr](http://compevo.bio.metu.edu.tr), Department of Biology, Middle East Technical University, 06800 Ankara Turkey  
**Dr. Ergi Deniz Özsoy**, [edo@hacettepe.edu.tr](mailto:edo@hacettepe.edu.tr), Department of Biology, Hacettepe University, 06800 Ankara Turkey