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Işın Altinkaya
Curriculum Vitae

EDUCATION

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

LANGUAGE

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

RESEARCH EXPERIENCES

- **Fumagalli Lab** Imperial College London
Intern, Advisor: Dr. Matteo Fumagalli July 2019 - present
 - **Bioinformatics:** Developing HMMploidy and ANGSDgui.
- **Biogeography Research Laboratory** Hacettepe University
Intern, Advisor: Dr. Barış Özüdoğru February 2019 - present
 - **Genomic & Phylogenomic Analyses:** Using plant genomic data, RADSeq.
- **Laboratory of Comperative & 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

Programming languages: Python, R, Bash, JavaScript
Markup languages: L^AT_EX, HTML&CSS
Operating systems: Unix/Linux
For programming experiences please visit my GitHub and Stack Overflow profiles.

SELECTED COURSES (ATTENDED)

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

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

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)

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 by searching Işın Altınkaya.

WRITING EXPERIENCES

- **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

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

REFEREES

Dr. Matteo Fumagalli, m.fumagalli@imperial.ac.uk, 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, www.barisozudogru.com, Department of Biology, Hacettepe University, 06800 Ankara Turkey
Dr. Mehmet Somel, msomel@metu.edu.tr, compevo.bio.metu.edu.tr, Department of Biology, Middle East Technical University, 06800 Ankara Turkey
Dr. Ergi Deniz Özsoy, edo@hacettepe.edu.tr, Department of Biology, Hacettepe University, 06800 Ankara Turkey