

## Asst. Prof. OKTAY İSMAİL KAPLAN

### Personal Information

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### Education Information

Doctorate, University College Dublin, Conway Institute, Ireland 2007 - 2011

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Using *C. Elegans* to Investigate Ciliary Protein Transport Into Cilia, University College Dublin, Conway Institute, School Of Biomolecular & Biomed Science, 2011

### Research Areas

Health Sciences, Medicine, Fundamental Medical Sciences, Medical Biology

### Academic Titles / Tasks

Assistant Professor, Abdullah Gül Üniversitesi, Yaşam ve Doğa Bilimleri Fakültesi, Biyomühendislik Bölümü, 2018 - Continues

Assistant Professor, Abdullah Gül Üniversitesi, Yaşam ve Doğa Bilimleri Fakültesi, Biyomühendislik Bölümü, 2017 - 2018

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Environmental responsiveness of tubulin glutamylation in sensory cilia is regulated by the p38 MAPK pathway**  
Kimura Y., Tsutsumi K., Konno A., Ikegami K., Hameed S., Kaneko T., Kaplan O. I., Teramoto T., Fujiwara M., Ishihara T., et al.  
SCIENTIFIC REPORTS, vol.8, 2018 (Journal Indexed in SCI)
- II. **G-quadruplex prediction in E. coli genome reveals a conserved putative G-quadruplex-Hairpin-Duplex switch**  
KAPLAN O. İ., Berber B., Hekim N., Doluca O.  
NUCLEIC ACIDS RESEARCH, vol.44, no.19, pp.9083-9095, 2016 (Journal Indexed in SCI)
- III. **The AP-1 clathrin adaptor facilitates cilium formation and functions with RAB-8 in C. elegans ciliary membrane transport**

Kaplan O. İ. , MOLLA-HERMAN A., Cevik S., GHOSOUB R., Kida K., KIMURA Y., Jenkins P., Martens J. R. , SETOU M., BENMERAH A., et al.  
JOURNAL OF CELL SCIENCE, vol.123, no.22, pp.3966-3977, 2010 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **CRISPR Teknikleri ve Biyoteknoloji Alanında Uygulamaları**  
KAPLAN O. İ. , BERBER B., Aydın C., TASTAN C., YILANCIOĞLU K.  
Uluslara İVEK Bio Kongresi, 26 - 28 November 2018
- II. **CRISPR Teknolojileri ve Uygulamaları**  
KAPLAN O. İ.  
V. Uluslararası Katılımlı Deneysel Hematoloji Kongresi, 27 - 29 April 2018
- III. **The characterization of ARMC9, a Recently Identified Joubert Syndrome Gene, in Cilia Biogenesis**  
ARTAN E., ÇİÇEK E., KAPLAN O. İ. , ÇEVİK KAPLAN S.  
International Molecular Biology Congress, 8 - 10 September 2017
- IV. **Functional characterization of novel ciliary genes in C. elegans**  
YENİSERT F., ATEŞ B., ÇEVİK KAPLAN S., KAPLAN O. İ.  
International Molecular Biology Congress, 8 - 10 September 2017
- V. **Hunt For Novel Genes Associated With Cilia Biogenesis/Ciliopathy**  
ÇEVİK KAPLAN S., ÇİÇEK E., GÜMÜŞTOP İ., KAPLAN O. İ.  
Innovation In Medicine Meetings 3, 11 - 13 May 2017
- VI. **Uncovering Molecular Barriers to Direct Cell Reprogramming in C elegans**  
KAPLAN O. İ.  
20 th International C. elegans Meeting, 24 - 28 June 2015
- VII. **A forward genetic screen for factors that limit conversion of somatic and germ cells into a Glutamatergic neuron like cell in C elegans**  
KAPLAN O. İ.  
European C. elegans Meeting, Berlin, Germany, 15 - 17 May 2014

## Citations

Total Citations (WOS):58

h-index (WOS):2