

Asst. Prof. SEBİHA ÇEVİK KAPLAN

Personal Information

Office Phone: [+90 352 224 8800](tel:+903522248800) Extension: 7305

Email: sebiha.cevik@agu.edu.tr

Web: <https://avesis.agu.edu.tr/sebiha.cevik>

Address: ABDULLAH GÜL ÜNİVERSİTESİ, SÜMER KAMPÜSÜ, BARBAROS MAH. ERKİLET BULVARI, KOCASİNAN / KAYSERİ

Education Information

Doctorate, University College Dublin, Conway Institute, School Of Biomolecular And Biomedical Science, Ireland 2006 - 2011

Undergraduate, Haliç Üniversitesi, Fen-Edebiyat Fakültesi, Moleküler Biyoloji, Turkey 2000 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Using *Caenorhabditis elegans* to investigate the ciliary and molecular basis of Joubert syndrome-associated ARL-13 function and to uncover a novel ciliary role for kinesin-8, University College Dublin, Molecular Biology And Genetics, Biomolecular And Biomedical Science, 2011

Research Areas

Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Genomics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Abdullah Gül Üniversitesi, Yaşam ve Doğa Bilimleri Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2018 - Continues

Assistant Professor, Abdullah Gül Üniversitesi, Yaşam ve Doğa Bilimleri Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2015 - 2018

Academic and Administrative Experience

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

- Active Transport and Diffusion Barriers Restrict Joubert Syndrome-Associated ARL13B/ARL-13 to an Inv-like Ciliary Membrane Subdomain**
ÇEVİK KAPLAN S., Sanders A. A., Van Wijk E., Boldt K., Clarke L., Reeuwijk J. v.

PLOS GENETICS, no.9, pp.1003977, 2013 (Journal Indexed in SCI Expanded)

- II. **Endocytosis genes facilitate protein and membrane transport in *C. elegans* sensory cilia**
KAPLAN O. I. , DOROQUEZ D. B. , ÇEVİK KAPLAN S., BOWIE R. V. , CLARKE L., Sanders A. A.
CURRENT BIOLOGY, no.22, pp.451-460, 2012 (Journal Indexed in SCI Expanded)
- 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., GHOSSEUB 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)
- IV. **Joubert syndrome Arl13b functions at ciliary membranes and stabilizes protein transport in *Caenorhabditis elegans***
ÇEVİK KAPLAN S., Hori Y., KAPLAN O. I. , Kida K., Toivenon T., Foley-Fisher C.
JOURNAL OF CELL BIOLOGY, no.188, pp.953-969, 2010 (Journal Indexed in SCI Expanded)
- V. **An empirical framework for binary interactome mapping**
Simonis N., Rua J. I. , Carvunis A., Tasan M., Lemmens I., Hirozane-Kishikawa T., Hao T., Sahalie J. M. , Venkatesan K., Gebreab F., et al.
NATURE METHODS, no.6, pp.83-90, 2009 (Journal Indexed in SCI Expanded)
- VI. **Empirically controlled mapping of the *Caenorhabditis elegans* protein-protein interactome network**
Venkatesan K., Rua J. I. , Vazquez A., Stelzl U., Lemmens I., Hirozane-Kishikawa T., Hao T., Zenkner M., Xin ., Goh K., et al.
NATURE METHODS, no.6, pp.47-54, 2009 (Journal Indexed in SCI Expanded)
- VII. **Intraflagellar transport: from molecular characterisation to mechanism.**
ÇEVİK KAPLAN S., BLACQUE O. E. , KAPLAN O. I.
FRONTIERS IN BIOSCIENCE, no.13, pp.2633-2652, 2007 (Journal Indexed in SCI Expanded)
- VIII. **Towards a proteome-scale map of the human protein-protein interaction network**
Rua J. I. , Venkatesan K., Hao T., Hirozane-Kishikawa T., Dricot A., Li N., Dreze M., Berriz G. F. , Ayivi-Guedehoussou N., Gibbons F. D. , et al.
NATURE, pp.1173-1178, 2005 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Subcellular localization of the voltage-gated K⁺ channel EGL-36 , a member of the KV3 subfamily, in the ciliated sensory neurons in *C. elegans*.**
Cevik S., Kaplan O. I.
microPublication biology, vol.2021, 2021 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **Cilia Biogenesis**
ÇEVİK KAPLAN S.
Genie PI Meeting, 21 - 23 September 2017
- II. **Functional characterization of novel ciliary genes in *C. elegans***
Yenisert F., Ateş B., ÇEVİK KAPLAN S., KAPLAN O. İ.
International Molecular Biology Congress, 8 - 10 September 2017
- III. **The characterization of ARMC9, a Recently Identified Joubert Syndrome Gene, in Cilia Biogenesis**
Artan E., Çiçek E., KAPLAN O. İ. , ÇEVİK KAPLAN S.
International Molecular Biology Congress, 8 - 10 September 2017
- IV. **Hunt For Novel Genes Associated With Cilia Biogenesis/Ciliopathy**
ÇEVİK KAPLAN S., Çiçek E., Gümüştöpe İ., KAPLAN O. İ.

Innovation In Medicine Meetings 3, 11 - 13 May 2017

V. **C. elegans'ı Model Organizma Olarak Kullanarak Silyopati Hastalıklarının Araştırılması**
ÇEVİK KAPLAN S.

II. Yaşam ve Doğa Bilimleri Konferansı, Turkey, 23 - 25 February 2017

Edit Congress and Symposium Activities

Differential Requirements of Sequence Motifs and Ciliogenic/Ciliopathy Module Components in Restricting Joubert Syndrome-Associated ARL-13 to C. elegans Proximal Ciliary Compartments, Attendee, California, United States Of America, 2010

A homologue of Joubert syndrome-associated Arl13b regulates anterograde intraflagellar transport in C. elegans, Attendee, California, United States Of America, 2009

A homologue of Joubert syndrome-associated Arl13b regulates anterograde intraflagellar transport in C. elegans, Attendee, Dublin, Ireland, 2008

The GTPase Y37E3.5 is required for building normal Cilia Structure and Function, Attendee, Cork, Ireland, 2008

Citations

Total Citations (WOS):39

h-index (WOS):1