

Hatice Bahar SAHIN

Asst. Prof. at Kadir Has University
Department of Bioinformatics and Genetics
Office D317 - Cibali Campus. 34083 Fatih / Istanbul - Turkey
+90 507 723 80 28 / +90 212 533 43 27 - 1424
hbahar.sahin@khas.edu.tr / ilkbahar@gmail.com
<http://sites.khas.edu.tr/bioinformatics/research/h-bahar-sahin/>

PERSONAL INFORMATION

Birth: 1982, Turkey
Gender: Female
Marital status: Single

PROFESSIONAL ACTIVITIES

2013 – now: **Asst. Prof.:** Kadir Has University, Department of Bioinformatics & Genetics, İstanbul, Turkey

2011 – 2013: **Postdoc:** Boğaziçi University, Department of Molecular Biology & Genetics, with **Dr. Arzu Çelik** İstanbul, Turkey

EDUCATION

2005 – 2009: **PhD:** Department of Developmental Biology, IGBMC, Université Louis Pasteur (Université Strasbourg I), France
Supervisor: **Dr. Angela Giangrande**
“*Drosophila* Fragile X Mental Retardation Protein and WAVE/SCAR Complex Interaction, its Role in Synapse Growth and Actin Modifying Pathways”
Defense: 9th December 2009

2000 – 2005: **BSc:** Bilkent University, Department of Molecular Biology & Genetics, Turkey

LECTURES GIVEN

At Kadir Has University:

- Biology (BIO102)
- Cell Biology and Genetics I & II and associated lab courses (BIO301 & BIO302)
- Neurobiology (BIO308)
- Recent Advances in Genetics (BIO403)
- Essential & Advanced Cell Biology (BIO531 & BIO631 - MS and PhD level)

PUBLICATIONS:

Sahin HB, Yelekci K. “**Biological Significance of HDAC8 Inhibition**”. Review - In preparation.

Sahin HB, Sayın S, Celik A. “**Salt Inducible Kinases as Novel Notch Modulators in *Drosophila* Retinal Development**”. Manuscript.

Bekpen C, Baker C, Hebert MD, Sahin HB, Johnson ME, Celik A, Mullikin JC, NISC Comparative Sequencing Program, Eichler EE. “**Functional Characterization of the Morpheus Gene Family**”. Manuscript – bioRxiv.

Abekhoukh S, Sahin HB, Grossi M, Zongaro S, Madrigal I, Kazue-Sugioka D, Raas-Rothschild A, Doulazmi M, Carrera P, Stachon A, Scherer S, Drula Do Nascimento MR, Arroyo I, Peter S, Smith IM, Milà M, Smith AC, Giangrande A, Caillé I, Bardoni B. “**New Insights into the Regulatory Function of CYFIP1 in the Context of WAVE- and FMRP-Containing Complexes**” *Dis Model Mech*. 2017 Apr 1;10(4):463-474

Sahin HB, Karatas OF, Specchia V, Tommaso SD, Diebold C, Bozzetti MP, Giangrande A. “**Novel Mutants of the *Aubergine* Gene.**” *Fly (Austin)*. 2016 Apr 11:0.

Bozzetti MP, Specchia V, Cattenoz P, Laneve P, Geusa A, Sahin HB, Di Tommaso S, Friscini A, Massari S, Diebold C, Giangrande A. “**The *Drosophila* Fragile X Mental Retardation Protein Participates in the piRNA pathway.**” *Journal of Cell Science*. 2015 Apr 23. pii: jcs.161810.

Sahin HB, Celik A. “***Drosophila* Eye Development and Photoreceptor Specification**”. *eLS*. DOI: 10.1002/9780470015902.a0001147. March 2013

Galy A, Schenck A, Sahin HB, Qurashi A, Sahel JA, Diebold C, Giangrande A. “**The Role of CYFIP Mediated Actin Remodeling in *Drosophila* Eye Morphogenesis**”. *Developmental Biology*, 2011 Nov 1;359(1):37-46. Epub 2011 Aug 22. As co-first author

Reeve S, Lin X, Sahin BH, Jiang F, Yao A, Liu Z, Zhi H, Li W, Broadie K, Giangrande A, Hassan B, Zhang Y. “**Mutational analysis establishes a critical role for the N terminus of Fragile X mental retardation protein FMRP**”. *The Journal of Neuroscience*, March 19, 2008, 28(12):3221–3226.

Qurashi A, Sahin HB, Carrera P, Gautreau A, Schenck A, Giangrande A. “**HSPC300 and its role in neuronal connectivity**”. *Neural Development* 2007 2:18. 25 September 2007.

PROJECTS

2011 April - 2013 March: National BAP project on "The Role of SIK3 Gene in Fruit Fly Model"

AWARDS & FELLOWSHIPS

2013 April:	Genetics Society of America (GSA) poster award, 54 th Annual <i>Drosophila</i> Research Conference
2011 April – 2013 March:	TUBITAK 2218 postdoc fellowship
2009 January - December:	FRM “Fin de thèse” PhD fellowship
2006 January - 2008 December:	INSERM/Region Alsace PhD fellowship
2001 September – 2005 May:	Honour/High honour student at Bilkent for 4 terms.
2000 September – 2005 May:	Awarded full scholarship by Bilkent University.

MEMBERSHIP

GSA - Genetics Society of America

<http://www.genetics-gsa.org/>

Turkish Molecular Biology Organization

http://molbioturk.org/Molekuler_Biyoloji_Dernegi/Hosgeldiniz.html

OTHER RESPONSABILITIES

- Member of Executive Committee, Engineering and Natural Sciences Faculty, Kadir Has University.
- Member of Executive Committee, Graduate School of Science and Engineering, Kadir Has University.
- Responsible of the faculty seminars of Engineering and Natural Sciences Faculty, Kadir Has University, 2015-2016 and 2016-2017.
- Organizer of “Bioinformatics and Genetics Workshop for High School Students” Kadir Has University: 29.03.2014, 18.04.2015, 09.07.2015, 22.07.2016
- Web admin of COST Action CM1103 “<http://neurodrugdesign.org/>”.
- Designer and admin of department website “<http://sites.khas.edu.tr/bioinformatics/>”.
- Responsible of public relationships, Department of Bioinformatics and Genetics.