

# Beykoz Yaşam Bilimleri ve Biyoteknoloji Enstitüsü 2019 Raporu



**BVÜ Beykoz Yaşam Bilimleri ve Biyoteknoloji Enstitüsü**  
**Beykoz Kampüsü**  
**4000 m<sup>2</sup> kapalı alan, 17000 m<sup>2</sup> Campus**

# YABBE Öğr. Üyesi İstihdamı



- İş İlanları; Nature, TASSA websites
- Üç yıl; 2017, 2018, 2019,
- 1. adım; Seçici Komite(Criteria; education, training, publication records, presentation, overall compatibility to BILSAB)
- 2. adım, Skype Interview,
- 3. Adım, İstanbul'a davet
- 4. adım, karar verilmesi

# YABBE Öğr. Üyesi İstihdamı



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## Job Openings 2019



### HAYAT KİMYA IS LOOKING FOR A R&D MANAGER

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### ASSISTANT/ASSOCIATE AND FULL PROFESSORSHIP POSITIONS AT BEYKOZ INSTITUTE OF BIOLOGY AND BIOTECHNOLOGY BEZMIALEM VAKIF UNI

Beykoz Institute of Biology and Biotechnology (BILSAB) at Bezmialem Vakif University, is seeking to fill tenure-track faculty positions. Candidates with strong basic science and/or translational research in any of these broad areas of interests are encouraged to apply:  
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### ATILIM UNIVERSITY INVITES APPLICATIONS FOR FULL-TIME FACULTY POSITIONS

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# YABBE-Öğr Üyesi istihdamı

## 2019 Çalışmaları;

- Toplam müracaat;26
- Skype mülakatı; 6 aday,
- İstanbula davet ve Beykozda seminer, 3 aday, Eylül 2019,
- PhD; Univ. Western Australia; Human papilloma viruses,
- PhD; Max Plank Institute, Germany; Neuromodulation of chemosensory systems in *Drosophila melanogaster*,
- PhD; Univ Calgary, Canada; Protein kinases and their role in cancer cell motility,

# YABBE-Öğr. Üyeleri



**Ahmed Aly**



**Mehmet Z. Doymaz**



**Osman Akçakır**



**M. Aziz Hatiboğlu**



**Asif Khan**



**Matteen Rafiqi**



**Serdar Uysal**

# Aly Lab



# Aly Lab

- Dr. Ahmed S. Aly (Microbiology)
- Education; BSc; Ain Shams University,
- MSc & PhD; Ulm Univ. Heidelberg Univ.
- Post Doc; Biomedical Res. Ins. Seattle, WA, USA
- Faculty; Tulane Univ. Dept. Tropical Medicine, New Orleans, LA
- Field; Molecular Microbiology, Parasitology,
- 33 publications,
- 4 Patent,
- Biology, immunology and genetics of malarial parasites
- TÜBİTAK and BAP Projects on experimental malaria models,





# Bilimsel Üretim; Aly Lab



Papers Posters	Title	Authors	Journal/Meetings
1	'Phenotypic Analysis of Rodent Malaria Parasite Asexual and Sexual Blood Stages and Mosquito Stages''	<b>Ahmed S.I. Aly, Gozde Deveci, Ilknur Yilmaz,</b> Amanah Abraham, Aneesa Golshan, Robert J. Hart.,	<b>The Journal of Visualized Experiments</b> , 30 May, 2019.
2	"Hydrogen peroxide-induced oxidative stress upregulates ght5 gene belonging to hexose transporters in Schizosaccharomyces pombe"	<b>Kina Ü.Y.</b> , Palabıyık B.,	<b>CELLULAR AND MOLECULAR BIOLOGY</b> , vol.65, pp.41-45, 2019.
3	"Direct synthesis of tetrazine functionalities on polymer backbones",	Sipahioglu Kara S., Ates M.Y., <b>Deveci G.</b> , Cetinkaya A., Kahveci M.,	<b>JOURNAL OF POLYMER SCIENCE, PART A-POLYMER CHEMISTRY</b> , vol.56, pp.1-8, 2018.
4	"Highly sensitive and rapid characterization of the asexual development of blood stage malaria parasites via magneto-optical hemozoin quantification in mice."	Mária Pukáncsik, Petra Molnár Ágnes Orbán, Ádám Butykai, Lívia Marton, Beáta G. Vértessy, István Kézsmárki, <b>Mohd Kamil,</b> Amanah Abraham, and <b>Ahmed S. I. Aly</b>	<b>Biomolecules</b> , 7 October, 2019.
5	"Synthetic DNA vaccines which drive liver localized T cells provide significant protection from Plasmodium."	Sophia M Reeder, Emma L Reuschel, Kun Yun, Mamadou A Bah, Kevin Y Kim, Jacqueline Chu, Faraz I Zaidi, <b>Ilknur Yilmaz</b> , Robert J Hart, Benjamin Perrin, Ziyang Xu, Laurent Humeau, David Weiner, <b>Ahmed S. I. Aly</b> ,	<b>Vaccines (Accepted-In Press)</b> , 2020.

# Bilimsel Üretim; Aly Lab



Tez Başlığı	Öğrenci	PhD/MSc
Generation and characterization of Novel suicidal malaria parasite liver stages as live attenuated malaria vaccines.	Ümit Yaşar Kına	PhD
Novel Malaria diagnostic and vaccine strategies for the blood stage egress protein SEA1	Gözde Deveci	PhD
Functional Characterization of the Malaria parasite Photolyase, as a novel drug and vaccine target	İlknur Yılmaz	MSc

# Akçakır Lab



# Akçakır Lab



- Dr. Osman Akçakır (Biotechnology)
  - Education; BSc. Uni. Toronto, Univ. Waterloo,
  - PhD. Univ. Illinois @ Urbana-Champaign
  - Post-Doc; Univ. Michigan, Ann Arbor, MI
  - Field; Physics, biophysics,
  - 5 publications,
  - 7 patent
- Development of diagnostic technologies based on optical characteristics of normal and cancerous cells,



# Doymaz Lab



# Doymaz Lab



- Mehmet Z. Doymaz (Microbiology)
- Education; Ankara Üniv,
- MSc, PhD; Univ. Tennessee,
- Post-Doc; Mount Sinai Med Sch.
- Fellowship; Univ. California Los Angeles
- Field; Temel ve Klinik Mikrobiyoloji,
- 43 publication,
- 18 Projecs
- Viral Immunology, diagnostics; Crimean-Congo Hemorrhagic Fever Virus



# Bilimsel Üretim; Doymaz Lab



Papers Posters	Title	Authors	Journal/Meetings
1	Hand, Foot, and Mouth Disease Caused by Coxsackievirus A6: A Preliminary Report from Istanbul.	Ceylan AN, Turel O, Gultepe BS, Inan E, Turkmen AV, Doymaz MZ.	Pol J Microbiol. 2019;68(2):165-171. doi: 10.21307/pjm-2019-016.
2	Comparison of antibacterial activities of polymyxin B and colistin against multidrug resistant Gram negative bacteria	Doymaz, MZ ve Karaaslan E.	Infect Dis. 2019 Sep;51(9):676-682.
3	Detailed Analysis of the Capacity of Crimean Congo Hemorrhagic Fever Virus (CCHFV) Nucleocapsid Protein (NP) to Induce Humoral and Cellular Immune Response.	Karaaslan, E, Çetin, MS, Hasanoğlu, S, Güney, F, Doymaz, MZ, Kılıç, AO	Manuscript in preparation
4	Assesment of predatory traits of <i>Bdellovibrio bacteriovorus</i> and <i>Agromyces ramosus</i> species on clinical pathogens	Kurtoğlu AV, Karaaslan, E, Doymaz, MZ.	14th Int. Conference on, Microbial Interactions & Microbial Ecology, August 19-20, 2019 , Vienna, Austria
5	Detailed Analysis of the Capacity of Crimean Congo Hemorrhagic Fever Virus (CCHFV) Nucleocapsid Protein (NP) to Induce Humoral and Cellular Immune Response.	Karaaslan, E, Çetin, MS, Hasanoğlu, S, Güney, F, Doymaz, MZ, Kılıç, AO	VII. European Congress of Virology, Rotterdam, Hollanda 2019.
6	Kırım Kongo Kanamalı Ateş Virüsü Kelkit Suşu Glikoprotein C' ye Karşı Oluşan Humoral İmmun Yanıtın incelenmesi	Güney, F, Doymaz, MZ,	VII. European Congress of Virology, , Rotterdam, Hollanda 2019.

# Bilimsel Üretim Doymaz Lab



Tez Başlığı	Öğrenci	PhD/MSc
'The non-structural proteins of Crimean-Congo hemorrhagic fever virus and their role in humoral immunity	Elif Karaaslan	Doktora
The expression of Gc glycoprotein of Crimean-Congo hemorrhagic Fever Virus in eucaryotic expression system	Filiz Güney	Yüksek Lisans
'Production of virus-like particles for Crimean-Congo Hemorrhagic Fever Virus	Nesibe Çetin	Doktora
'Investigation of Hazara virus as Model organism for Crimean-Congo Hemorrhagic Fever Virus'.	Merve Kalkan	Doktora



# Hatibođlu Lab



# Hatibođlu Lab



- M. Aziz Hatibođlu (Molecular Biology)
- Education; Ankara University, Medical School,
- Residency; Okmeydanı E.A. Hastanesi , Nöroşirurji Kliniđi,
- Fellowship; University of Texas, M.D. Anderson Cancer Center,
- 52 publications,

## Field;

- Neuro-oncology, clinical neurosurgery
- Glial tumors; treatment, diagnostics, pathogenesis, biomarkers



# Bilimsel Üretim; Hatibođlu Lab



Papers Published	Title	Authors	Journal
1	Thymoquinone enhances the effect of Gamma Knife in B16-F10 melanoma through inhibition of p-STAT3	Hatiboglu, Mustafa Aziz, Abdurrahim Kocyigit, Eray Metin Guler, Kerime Akdur, Imran Khan, Arife Nalli, Ersin Karatas, and Saffet Tuzgen	World Neurosurgery
2	Gamma knife radiosurgery compared to whole brain radiation therapy enhances immunity via immunoregulatory molecules in patients with metastatic brain tumours	Hatiboglu, Mustafa Aziz, Abdurrahim Kocyigit, Eray Metin Guler, Arife Nalli, Kerime Akdur, Ayten Sakarcn, Erdinc Ozek, Omer Uysal, and Alpaslan Mayadagli.	British Journal of Neurosurgery
3	Herbal Medicine for Glioblastoma: Current and Future Prospects	Imran Khan, Sadaf Mahfooz, Mustafa Aziz Hatiboglu	Medicinal Chemistry
Submitted	Title	Authors	Journal
1	Hypo-fractionated Gamma Knife radiosurgery regulates expressions of miR-17 and miR-124 in patients with recurrent glioma	Imran Khan, Arife Nalli, Kerime Akdur, Yusuf Cicek, Sadaf Mahfooz, Elif Burce Elbasan, Ayten Sakarcn, Sahbettin Selek, Fahri Akbas and Mustafa Aziz Hatiboglu	Journal of Neuro-Oncology

# Bilimsel Üretim; Hatibođlu Lab



	Title	Author	Meeting
1	The Immuno-Oncology 2019 World Congress. 'Expressions of Immune-Related Tumor Suppressor MicroRNAs in Glioma Patients Undergoing Hypo-Fractionated Radiotherapy	Imran Khan, ArifeNalli, Kerime Akdur, Yusuf Cicek, Sadaf Mahfooz, Ayten Sakarcan, Fahri Akbas and Mustafa Aziz Hatiboglu	Immuno-Oncology 2019 World Congress (Immuno-Oncology2019) 23-24 May 2019, in Barcelona, Spain
2	Thymoquinone enhances the sensitivity of B16-F10 melanoma cell line to Gamma Knife radiosurgery	Hatiboglu, Mustafa Aziz, Abdurrahim Kocyigit, Eray Metin Guler, Kerime Akdur, Imran Khan, Arife Nalli, Ersin Karatas, and Saffet Tuzgen	14th Meeting of the European Association of Neuro-Oncology (EANO 2019) September 19-22, 2019 in Lyon, France

# Rafiqi Lab



# Rafiqi Lab



- Matteen Rafiqi (Mol. Biology)
- Education; SK University of Ag. Sci & Tech ,
- MSc-PhD; Vaginen Univ. Max Planck Ins. Univ. Chicago,
- Post Doc; McGill Univ.
- Field; Developmental Biology,
- 13 publications,
- Developmental and evolutionary biology endosymbiosis, interactions of microbiom and host.



# Bilimsel Üretim, Rafiqi Lab



Other Activities (Patents/Seminars/Awards)	Title	Author	Organization/Place
1	Seminars for computational ecology and evolution	Organizer: Efe Sezgin	İzmir Yüksek Teknoloji Enstitüsü, İzmir
2	Ecology and Evolutionary Biology Symposium-EEBST	Organizer: The Ecology and Evolutionary Biology Society of Turkey	Ankara University, Ankara, Turkey
3	Ecology and Evolutionary Biology Symposium-EEBST	Organizer: The Ecology and Evolutionary Biology Society of Turkey	Dokuz Eylül University, İzmir, Turkey
4	IV San Sebastian/Bordeaux Workshop on Philosophy of Biology, Medicine, and Cognitive Science: The causality of development.	Organizer: IAS Research on Life, Mind and Society.	University of the Basque Country, San Sebastian Spain.

# Uysal Lab





# Uysal Lab



- Serdar Uysal (Biotechnology)
- Education; Marmara Üniv, İstanbul Teknik,
- PhD; Univ. Chicago,
- Post-Doc; Harvard Univ.
- Field; Protein Biochemistry, Biotechnology
- 11 publications,
- 4 Project
- Production of industrial enzymes by recombinant DNA and biotechnology methods



# M. Asif Khan

- Dr. Muhammad Asif Khan (Johns Hopkins-Perdana Üniv.)
- Education; Biotechnology BSc, National University of Singapore ,
- MSc & PhD; Bioinformatics, National University of Singapore,
- Field; Bioinformatics
- 51 yayın,
- 9 Proje
- **2232 TÜBİTAK Leader Investigator Program**
- Data warehousing for biology,
- Vaccine Informatics
- Venom Informatics,
- Viral Informatics,
- Immunoinformatics,



# YABBE-6550 Müracaatı



- Türkiye'de halen 4 tane mükemmeliyet merkezi var,
- Muhtemelen 10 civarında ilave müracaat,
- TÜBİTAK tarafından verilen statü,
- YABBE bu programa 21.12.2017 tarihinde başvurdu,
- 3 Ekim 2019'da 1. saha ziyareti,
- YABBE müracaatının değerlendirilmesi,
- YABBE 'ye yarı özerk bir yönetim,
- Giderlerin devletçe sağlanması,
- Enstitü için uzun vadede süreklilik ve arzu edilen seçkin bir statü.

# YABBE-6550 Müracaatı



# YABBE Cihazları

LCMS	Inverted Phase Contrast Microscope with Microinjection	Confocal Mikroskop	Incubators-Light and Humidity Controlled-	Flow Cytometry Sorter Cihazı	Live Cell Imaging System
Fermentör Paralel	İnverted Araştırma Mikroskobu	FPLC (x2)	Su Banyoları (x8)	Shaker Büyük Tip (x3)	Otomated Elisa Readers and Washers
Derin Dondurucu -150 (x2)	Işık Mikroskobu (x2)	Ultracentrifuge	Thermal Cyclers (x2)	Mini Midi Large Elektroferez ve ve Blotlama Sistemleri ve Güç Kaynağı (x8)	Nucleofector
Santrifüj Masa üstü Soğutmalı (x4)	Derin dondurucu -80 Küçük	Super Centrifuge (x2)	High pressure homogenizer)	Jel ve Blot Görüntüleme Cihazı	Cross Flow Filtration System
UV Spektrofotometre	Derin dondurucu -20	CO2 incubator (x4)	Autoclave (Endüstriyel)	Santrifüj Masaüstü-Mikro Soğutmalı (x8)	Binoküler Diseksiyon Mikroskobu (x4)
Laminar Flow -2 HEPA	Laboratuvar Buzdolabı +4 Cam Kapılı 1000 litre(İki Kapılı) (x4)	CO2 İnkubatör- Oksijen Kontrollü	Yıkama Dezenfeksiyon Cihazı	Fermentör 5 litrelik	Isıtıcı karıştırıcı tabla (Hot plate stirrer)
Laminar Flow -3 HEPA	Laboratuvar Buzdolabı +4 (x4)	Shaker İnkubatörler (x3)	Su Artırma Cihazları (x8)	Shaker Mini	Çok amaçlı tüp çevirici (Multi-Purpose Tube Rotator)
Derin dondurucu -80 Büyük (x4)	Çalkalayıcı CO2'li	Real Time PCR Cihazı (x2)	Buz Makinası (x4)	Araştırma Mikroskobu (x4)	Açılı orbital çalkalayıcı (Angular orbital shaker)

## YABBE-Aktiviteler-2019-2020 Akademik Açılış Töreni



**BVÜ 2019-2020 Akademik Açılış töreni Teknoloji ve Sanayi Bakanı**

**Sayın Mustafa Varank'ın katılımı ile YABBE'de gerçekleştirildi**

# YABBE Aktiviteleri

- 13 Temmuz 2019 tarihinde Hürriyet Gazetesi'nden Vahap Munyar, Sabah'tan Şeref Oğuz, TRT'den İsmet Berkan'ın katıldığı basın toplantısı ile Enstitü tanıtımı yapıldı.



# Bilimsel Danışma Kurulu



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## Scientific Advisory Board



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Director, Swiss Institute of Allergy  
and Asthma Research  
(SIAF), University of Zurich



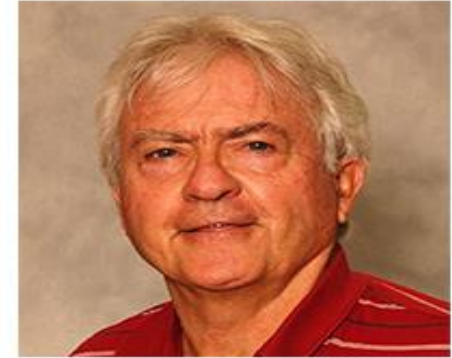
**Adolfo García-Sastre Ph.D.**

Professor, Department of  
Microbiology Fishberg Professor,  
Department of Medicine, Division of  
Infectious Diseases  
Director, Global Health and Emerging  
Pathogens Institute Icahn School of  
Medicine at Mount Sinai



**Javad Parvizi M. D.**

Professor of Orthopedics  
Vice Chairman of Research, Thomas  
Jefferson University Hospital Director  
of Clinical Research, Rothman  
Orthopaedic Institute



**Barry T. Rouse Ph.D.**

Lindsay Young Distinguished  
Professor of Microbiology  
College of Arts & Sciences and  
Veterinary Medicine



# Bilimsel Danışma Kurulu



İlk Toplantı, 7-8 Aralık 2019, Beykoz'da yapıldı. Raporların gönderilmesi süreci devam ediyor.



# YABBE Aktiviteleri



'Axolotl's favorite quote: to regenerate or to regenerate; that is the question' Dr. Öğr. Üyesi Turan Demircan, Medipol Üniversitesi	Konferans, 10.01.2019
'Drosophila melanogaster as a model system to study genes that cause Parkinson's disease' Dr. Sven Villain University Of Leuven, Belgium	Konferans, 27.06.2019
"Molecular mechanisms of neuronal synapse development and plasticity". Dr. Tabrez Siddiqui, Univ Manitoba, Canada	Konferans, 14.10.2019
"The role of neuromodulation on decision making" Dr. Habibe Uçpınar, Bilkent University,	Konferans, 16.09.2019
"Regulation of cell motility and contractility by protein kinases: A focus on zipper-interacting protein kinase". Dr. Abdelhameed Al-Ghabkari, Univ. Calgary, Canada	Konferans, 20.09.2019

# YABBE Aktiviteleri



## SEMINAR

**Abdulhameed Al-Ghabkari, PhD**  
University of Calgary

Dr. Al-Ghabkari is a Postdoctoral Fellow in Department of Oncology, University of Calgary, Calgary, AB, Canada. He got his undergraduate degree in Biotechnology and Genetic Engineering from the Jordan University of Science and Technology (JUST), he obtained a master's degree in Applied Biological Sciences from the same University. Herein, he started to investigate the molecular aspects of human cancer disease and his thesis research focused on the evaluation of the prognostic and the diagnostic value of the key protein regulators of bladder cancer disease. He has advanced this knowledge through working as a laboratory scientist at JUST and his core studies were performed at the Department of Pathology and Princess Haya Biotechnology Center (PHBC) where he gained an extensive training in Immunohistochemistry, pharmacogenomics, human genetics, molecular biology and protein biomarkers discovery. He was offered a full scholarship from the University of Calgary to pursue his PhD studies at the Cumming School of Medicine, Department of Biochemistry and Molecular Biology. He worked under the supervision of Dr. Justin MacDonald to examine biochemical and molecular mechanisms that govern Zipper-interacting protein kinase (ZIPK) activities in various physio-pathological conditions related to smooth muscle contractile dysfunction. He has developed a unique experience in DNA cloning, site-directed mutagenesis, production of recombinant proteins, protein purification, immunostaining, cell culture and microscopy at the University of Calgary in the Department of Oncology with Dr. Anu Narendran.

Conference Date: September, 20 2019 / 14:00 - 16:00  
Place: BVU, Beykoz Yaşam Bilimleri ve Biyoteknoloji Enstitüsü  
Yahkoby Mahallesi, Ali İhsan Kalmaz Sokak No:20  
Beykoz, İstanbul  
\*Shuttle service to Beykoz will leave at 13:00 from Fatih Campus



> REGULATION OF CELL MOTILITY AND CONTRACTILITY BY PROTEIN KINASES: A FOCUS ON ZIPPER-INTERACTING PROTEIN KINASE

> SEMINAR: Abdulhameed Al-Ghabkari, PhD from University of Calgary, Calgary, AB, Canada



## SEMINAR

**Dr. Adil Idris**  
Griffith University, Australia

Dr Idris currently a Research Fellow at the Menzies Health Institute of Queensland, Griffith University working on finding novel therapeutics against human papilloma virus (HPV)-driven cancers, specifically head and neck cancers. His current research focuses on combining HPV oncogene editing approaches and the use of nucleic acid-based immune activators to kill HPV-positive head and neck cancers. His current research program represents a body of work investigating targets that could lead to new therapeutic approaches for the treatment of head and neck cancers which are amongst the most prevalent immune responses to pathogen DNA (Science, 2009) that has led to the seminal discovery of the AIM2 inflammasome. Furthermore, his research group was first to report the central role of HPV E7 oncogene in head and neck cancer survival (Oral Oncology, 2018) and its ability to block the critical DNA sensing pathway, cGAS-STING, in head and neck cancer cells (Microbial Pathogenesis, 2019). He was awarded the highly competitive Australian Awards 2018 Endeavour Research Fellowship to conduct work on HPV E7 carcinogenesis at one of the world's top five cancer institute, Princess Margaret Cancer Centre, Canada.

Conference Date: September 06, 2019 / 14:00-15:00  
Place: BVU, Beykoz Yaşam Bilimleri ve Biyoteknoloji Enstitüsü  
Yahkoby Mahallesi, Ali İhsan Kalmaz Sokak No:20  
Beykoz, İstanbul  
\*Shuttle service to Beykoz will leave at 13:00 from Fatih Campus



> SEMINAR: DR. ADI IDRIS From Griffith University, Research Fellow at the Menzies Health Institute of Queensland

> DR. ADI IDRIS Griffith University, Australia



## SEMINAR

**Habibe Uçpunar, PhD**  
Bilkent University

Dr Habibe Uçpunar Studied Genetics and Bioengineering in Sarajevo. Following that got the PhD fellowship from the International Max Planck Research School of U Sciences that enabled her to skip the masters with a fast-track program. She completed the PhD in 2017, the Max Planck Institute of Neurobiology in Munich, Germany. She studied the neuromodulatory group of Prof. Dr. Ilona Grunwald Kadow. During the PhD period, she studied the neuromodulatory group on chemosensory systems and how does it change the perception. After completing the PhD work she continued in the same laboratory for a short term to work on age-dependent degeneration of olfactory circuits. Her doctoral and post-doctoral studies published in journals PLoS Biology and Elife. Since 2018, she works as an instructor in the Neuroscience Graduate Program of Bilkent University.

> THE ROLE OF NEUROMODULATION ON DECISION MAKING

> HABIBE UCPUNAR, PHD from Bilkent University, Interdisciplinary Neuroscience Graduate Program and Psychology Department



Konferans Tarihi: September, 16, 2019  
14:00 - 16:00  
Yer: BVU, Beykoz Yaşam Bilimleri ve Biyoteknoloji Enstitüsü  
Yahkoby Mahallesi, Ali İhsan Kalmaz Sokak  
Beykoz, İstanbul



## BEYKOZ CONFERENCES-V

**Tabrez Siddiqui, PhD**  
U of Manitoba & Principal Investigator, Neuroscience Research at Kleyesen Institute for Advanced Medicine

Ana Metin olan yere: Dr Siddiqui is an Asst. Prof. at U of Manitoba & Principal Investigator, Neuroscience Research at Kleyesen Institute for Advanced Medicine. Dr. Siddiqui's laboratory is interested in learning how nerve cell connections known as "synapses" form and function in the developing and adult brain. They combine multiple interdisciplinary methods ranging from biochemical and biophysical approaches to cellular, molecular and genetic studies, particularly regional and temporal manipulation of synaptic genes in mice brains. They are also developing behavioral studies in mouse models of autism and schizophrenia.

> MOLECULAR MECHANISMS OF NEURONAL SYNAPSE DEVELOPMENT AND PLASTICITY.

> TABREZ SIDDIQUI, PHD U of Manitoba & Principal Investigator, Neuroscience Research at Kleyesen Institute for Advanced Medicine



Conference Date: October, 14 2019 / 14:00 - 16:00  
Place: BVU, Beykoz Yaşam Bilimleri ve Biyoteknoloji Enstitüsü  
Yahkoby Mahallesi, Ali İhsan Kalmaz Sokak No:20  
Beykoz, İstanbul  
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# YABBE Aktiviteleri



BEYKOZ INSTITUTE OF LIFE SCIENCES AND BIOTECHNOLOGY

## HIGHSCHOOL SUMMER SCHOOL

*Discover your Scientific Interests at the Highschool Summer School with the Institute Privilege!*

Course Date **1 – 12 July 2019**  
Application Deadline **June 3, 2019**

[www.bezmialem.edu.tr](http://www.bezmialem.edu.tr)

A photograph of the Bezmialem Vakif University building, a large, multi-story structure with a central entrance and a wide staircase leading up to it. The building is surrounded by a courtyard with black lampposts and greenery.

Türkiye'nin İlk Sağlık Üniversitesi

# YABBE Aktiviteleri



# Laboratuvarlar & Cihazlar; GMP





# 2020-YABBE Planları

1. Akademik kadronun tamamlanması,
2. Dr Asif Khan'ın Araştırma Programının Kurulmasının sağlanması,
3. Avrupa Birliği Projelerine hız verilmesi,
4. GMP ve Deney Hayvanları Ünitelerinin aktifleştirilmesi,
5. 6550 Müracaatının Gerekliliklerinin tamamlanması,
  - Stratejik planın yapılması,
  - Yönetmelik dökümantasyonunun tamamlanması,
6. SAB Raporunun Gerekliliklerinin tamamlanması,
7. Sosyal Medya/Tanınırlık/Web Sitesi Eksikliklerinin tamamlanması,
8. MSc-PhD Programı Müracaatı,
9. Bütünleşik MD-PhD Programı,



# Sonuç



- YABBE resmi olarak 2014 yılında kuruldu,
- Altyapısını Mayıs 2018'de tamamladı,
- Halen 7 tam zamanlı öğretim üyesi ve yaklaşık 30 araştırma personeli,
- Önümüzdeki yıllarda; somut araştırma ve eğitim sonuçları üretmesi gerektiği,

# Teşekkürler