

Personal Information

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Education Information

Doctorate, The University of Tennessee, Knoxville, Biyokimya, United States Of America 1999 - 2004

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1997 - 1999

Undergraduate Minor, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1995 - 1997

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1993 - 1997

Dissertations

Doctorate, Identification of Ligand-Receptor Interactions between *Saccharomyces cerevisiae* α -factor Pheromone Receptor (Ste2p) and its tridecapeptide Ligand, University of Tennessee, Knoxville, Arts and Sciences , Biochemistry, Cellular and Molecular Biology, 2004

Postgraduate, ISOLATION AND OPTIMIZATION OF GROWTH CONDITIONS OF THERMOPHILIC BACTERIA FROM TURKISH SOILS AND HOT SPRINGS, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 1999

Research Areas

Life Sciences, Biological Spectroscopy, Cell Membrane and Liposomes, Molecular Biophysics, Neurobiophysics, Structural Biophysics, Biochemistry, Biochemical Toxicology, Biomolecules, Enzymology, Molecular Biochemistry, Proteomics, Structural Biology, Bioinformatics, Biological Information, Biological Modelling, Biotechnology, Biomaterial, Biosensor, Genomics, Protein Engineering, Neurochemistry, Biochemistry, Amino Acids, Biophysical Chemistry, Biological Membranes, Biosynthesis, Biotransformations, Enzyme Kinetics, Protein Chemistry, Chemistry of Aromatic Compounds, Natural Sciences

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2013 - Continues

Academic and Administrative Experience

Assistant Manager of Research and Application Center, Middle East Technical University, Presidency Office, Presidency Office, 2016 - Continues

Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji (YI) (Tezli), 2015 -

2017

Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2010 - 2013

Courses

Molecular Modeling and Protein Structure Prediction , Undergraduate, 2021 - 2022

Biochemistry, Undergraduate, 2020 - 2021

Advising Theses

Son Ç. D. , Cevheroğlu O., A Brighter Method to Illuminate the Dark Side of Adhesion G Protein-Coupled Receptors: Detection of the ADGRG1 Dimers by Bioluminescence Resonance Energy Transfer (BRET), Postgraduate, M.MURAT(Student), 2021

Son Ç. D. , Phosphorylation independent activation of Beta Arrestin 2 and Beta Adrenoceptor Type 2 by means of small molecules, Postgraduate, A.AKYOL(Student), 2021

Son Ç. D. , Baloğlu F. K. , INVESTIGATION OF PHYSICAL INTERACTION BETWEEN $G_{\alpha i}$ AND $G_{\alpha s}$ PROTEINS VIA FRET IN LIVE CELLS, Postgraduate, S.TUĞÇE(Student), 2021

Son Ç. D. , İlgü M., Aptamer selection against cadaverine/lysine antiporter (CADB) purified in mild detergent, Postgraduate, N.KARA(Student), 2021

Son Ç. D. , İlgü M., Systematic evolution of novel 2'-F-PY RNA aptamers targeting the membrane protein l-arginine/agmatine antiporter purified in mild detergent, Postgraduate, N.FATHI(Student), 2021

Bek A., Son Ç. D. , Behavior of neuro-2a cells on femtosecond laser structured silicon substrates, Postgraduate, S.MINGU(Student), 2020

SON Ç. D. , Optimization of CRISPR/CAS9 gene editing in potato, Postgraduate, D.Özköse(Student), 2020

Son Ç. D. , Özçubukçu S., INVESTIGATION OF $G_{\alpha i}$ 1 PROTEIN HOMODIMERIZATION IN LIVE CELLS USING FÖRSTER RESONANCE ENERGY TRANSFER (FRET) AND BIMOLECULAR FLUORESCENCE COMPLEMENTATION ASSAY (BiFC), Postgraduate, Ö.ATAY(Student), 2019

Son Ç. D. , Can T., PREDICTION OF TRANSMEMBRANE REGIONS OF G PROTEIN-COUPLED RECEPTORS USING MACHINE LEARNING TECHNIQUES, Postgraduate, M.ÇELEBİ(Student), 2019

Son Ç. D. , Analysis of interactions between beta-2 adrenergic receptor & beta arrestin-2 using förster resonance energy transfer (fret) method in live cells, Postgraduate, H.EVCİ(Student), 2019

Son Ç. D. , Gözen A. G. , Expression of the genes encoding important transport system proteins in silver resistant Escherichia coli mutants, Postgraduate, G.UYANIK(Student), 2019

SON Ç. D. , YANIK T., ANALYSIS OF CANDIDATE COCAINE AND AMPHETAMINE REGULATED TRANSCRIPT (CART) GENES:CHANGES IN ERK PHOSPHORYLATION IN N2a CELLS, Postgraduate, A.ÖZKILIÇ(Student), 2019

SON Ç. D. , Investigation of $G_{\alpha i}$ 1 protein homodimerization in live cells using förster resonance energy transfer (FRET) and biomolecular fluorescence complementation assay (BiFC), Postgraduate, Ö.Atay(Student), 2019

Son Ç. D. , Gözen A. G. , Expression of genes encoding fundamental copper homeostasis proteins in copper resistant Escherichia coli mutants, Postgraduate, T.UYANIK(Student), 2019

ÖZEN C., SON Ç. D. , Nucleic acid based in-vitro diagnostic device, Doctorate, O.BALCI(Student), 2018

Son Ç. D. , Visualization of interactions between fluorescently tagged G protein α_{11} , $\alpha_{12/13}$ subtypes and adenosine 2A, dopamine 2 or homodimer adenosine 2A/2A receptors, Postgraduate, I.BEGÜM(Student), 2018

SON Ç. D. , Visualization of interactions between fluorescently tagged G protein α_{11} , $\alpha_{12/13}$ subtypes and adenosine 2A, dopamine 2 or homodimer adenosine 2A/2A receptors, Postgraduate, I.BEGÜM(Student), 2018

SON Ç. D. , Nucleic acid gated nanopore delivery of antibiotics, Doctorate, M.KAVRUK(Student), 2018

Son Ç. D. , Molecular investigation of therapeutical effects of γ tocotrienol conjugation therapy with doxorubicin on hepatocellular carcinoma cell line HEPG2, Postgraduate, İ.ÖZYURT(Student), 2017

SON Ç. D. , Molecular investigation of therapeutical effects of γ tocotrienol conjugation therapy with doxorubicin on hepatocellular carcinoma cell line HEPG2, Postgraduate, İ.ÖZYURT(Student), 2017

SON Ç. D. , Molecular investigation of therapeutical effects of γ -tocotrienol conjugation therapy with doxorubicin on hepatocellular carcinoma cell line HePG2, Postgraduate, İ.Özyurt(Student), 2017

SON Ç. D. , ÇEKMECELİOĞLU D., Pectinase production using apple pomace as carbon source by mixed culture fermentation, Postgraduate, C.KUVVET(Student), 2016

SON Ç. D. , ÖZÇUBUKÇU S., Optimization of internal tagging of inhibitory G-proteins for investigating their interactions with dopamine receptor D2 via fret method, Postgraduate, G.ÖZCAN(Student), 2016

SON Ç. D. , İZGÜ K. F. , Thermostabilization of Panomycocin, a novel exo-beta-1,3-glucanase isolated from *Pichia anomala* NCYC 434, by using excipients and computational methods, Postgraduate, M.TİLAHUN(Student), 2015

SON Ç. D. , More than just a dimer: detection of g protein-coupled receptor oligomers using fluorescent protein reassembly of Ste2p, a yeast pheromone receptor, Doctorate, O.CEVHEROĞLU(Student), 2015

SON Ç. D. , Detection of homo/hetero-dimerizations between adenosine A2A, dopamine D2 and NMDA receptors by use of FRET and BiFC assays, Postgraduate, S.ÇELEBİÖVEN(Student), 2014

SON Ç. D. , Identifying the putative G protein coupled receptor/s candidates of cocaine and amphetamine regulated transcript (CART) peptide, Postgraduate, M.KASAP(Student), 2014

SON Ç. D. , NALBANT ESENTÜRK E., Design and characterization of 5-l autoclavable batch-culture bioreactor /, Postgraduate, Ş.Ünsal(Student), 2014

SON Ç. D. , NALBANT ESENTÜRK E., Design and characterization of 5-L autoclavable batch-culture bioreactor, Postgraduate, Ş.ÜNSAL(Student), 2014

SON Ç. D. , In vivo detection of yeast alpha mating pheromone receptor Ste2p homodimerization by FRET, Postgraduate, G.BULUT(Student), 2014

SON Ç. D. , In vivo detection of GPCR dimerizations in *Saccharomyces cerevisiae* using FRET and BiFC, Postgraduate, B.ÜSTÜNKAYA(Student), 2014

ÖZÇUBUKÇU S., SON Ç. D. , Asymmetric synthesis of beta-hydroxy phosphonates via benzaldehyde lyase catalyzed cross acyloin reactions, Postgraduate, C.Kazancı(Student), 2014

SON Ç. D. , Comparison of fluorescent protein labelled and wild type NMDA receptor distribution, Postgraduate, Ş.ŞEYDA(Student), 2013

ÖZEN C., SON Ç. D. , Labeling and optimization of organelle marker for co-localization with yeast GPCR dimers, Postgraduate, İ.SÜDER(Student), 2013

SON Ç. D. , ÖZEN C., Labeling and optimization of organelle markers for co-localization with yeast GPCR dimers, Postgraduate, İ.Süder(Student), 2013

SON Ç. D. , The functional assessment of fluorecently tagged adenosine a2a and dopamine D2 receptors and qualitative analysis of dimerization of adenosine A2A and dopamine D2 receptor by using fret, Postgraduate, S.AKKUZU(Student), 2013

SON Ç. D. , The Functional assessment of fluorescently tagged adenosine A2A and dopamine D2 receptors and qualitative analysis of dimerization of adenosine A2A and dopamine D2 receptor by using FRET, Postgraduate, S.Akkuzu(Student), 2013

Son Ç. D. , Yanik T., Kumaş, Gözde Title Detecting g-protein coupled receptor interactions using enhanced green fluorescent protein reassembly, Postgraduate, G.Kumaş(Student), 2012

SON Ç. D. , Optimization of FRET method to detect dimerization of dopamine D2 and adenosine A2A receptors in live cells, Postgraduate, G.Ünlü(Student), 2011

SON Ç. D. , Optimization o fret method to detect dimerization of dopamin D2 and adenosine A2A receptors in live cells, Postgraduate, G.ÜNLÜ(Student), 2011

Designed Lessons

Son Ç. D. , Molecular Modeling and Protein Structure Prediction , Undergraduate, 2010 - 2011

Son Ç. D. , Principles of Fluorescence Spectroscopy and Microscopy, Doctorate, 2010 - 2011

Research Infrastructure Information

Son Ç. D. , Structural Biology Laboratory, June 2010

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

- I. **SMN loss dysregulates microtubule-associated proteins in spinal muscular atrophy model**
Zobaroğlu Özer P., Koyunoğlu D., SON Ç. D. , Erdem-Yurter H. E. , BORA G.
Molecular and Cellular Neuroscience, vol.120, 2022 (Journal Indexed in SCI Expanded)
- II. **Ste2p Under the Microscope: the Investigation of Oligomeric States of a Yeast G Protein-Coupled Receptor**
Cevheroğlu O., Murat M., Mingu-Akmete S., Son Ç. D.
JOURNAL OF PHYSICAL CHEMISTRY B, vol.125, no.33, pp.9526-9536, 2021 (Journal Indexed in SCI)
- III. **Allergen fragrance molecules: a potential relief for COVID-19**
Aydin A. D. , Altinel F., Erdogmus H., SON Ç. D.
BMC COMPLEMENTARY MEDICINE AND THERAPIES, vol.21, no.1, 2021 (Journal Indexed in SCI)
- IV. **Oligomerization and cell surface expression of recombinant GABA(A) receptors tagged in the delta subunit**
Ofiaz F. E. , SON Ç. D. , Arslan A.
JOURNAL OF INTEGRATIVE NEUROSCIENCE, vol.18, no.4, pp.341-350, 2019 (Journal Indexed in SCI)
- V. **Three dimensional structure prediction of panomycocin, a novel Exo-β-1,3-glucanase isolated from Wickerhamomyces anomalus NCYC 434 and the computational site-directed mutagenesis studies to enhance its thermal stability for therapeutic applications.**
Muhammed M., Son Ç. D. , Izgü F.
Computational biology and chemistry, vol.80, pp.270-277, 2019 (Journal Indexed in SCI)
- VI. **GPCR-G alpha protein precoupling: Interaction between Ste2p, a yeast GPCR, and Gpalp, its G alpha protein, is formed before ligand binding via the Ste2p C-terminal domain and the Gpalp N-terminal domain**
Cevheroglu O., Becker J. M. , Son Ç. D.
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, vol.1859, pp.2435-2446, 2017 (Journal Indexed in SCI)
- VII. **The yeast Ste2p G protein-coupled receptor dimerizes on the cell plasma membrane**
Cevheroglu O., Kumas G., Hauser M., Becker J. M. , Son Ç. D.
BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, vol.1859, pp.698-711, 2017 (Journal Indexed in SCI)
- VIII. **GPCRsort-Responding to the Next Generation Sequencing Data Challenge: Prediction of G Protein-Coupled Receptor Classes Using Only Structural Region Lengths**
Sahn M. E. , Can T., Son Ç. D.
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.18, pp.636-644, 2014 (Journal Indexed in SCI)
- IX. **Nicotine up-regulates alpha 4 beta 2 nicotinic receptors and ER exit sites via stoichiometry-dependent chaperoning**
Srinivasan R., Pantoja R., Moss F. J. , Mackey E. D. W. , Son Ç. D. , Miwa J., Lester H. A.
JOURNAL OF GENERAL PHYSIOLOGY, vol.137, pp.59-79, 2011 (Journal Indexed in SCI)
- X. **Nicotine Normalizes Intracellular Subunit Stoichiometry of Nicotinic Receptors Carrying Mutations Linked to Autosomal Dominant Nocturnal Frontal Lobe Epilepsy**
Son Ç. D. , Moss F. J. , Cohen B. N. , Lester H. A.
MOLECULAR PHARMACOLOGY, vol.75, pp.1137-1148, 2009 (Journal Indexed in SCI)
- XI. **Cross-Linking of a DOPA-Containing Peptide Ligand into its G Protein-Coupled Receptor**
Umanah G. E. , Son Ç. D. , Ding F., Naider F., Becker J. M.
FASEB JOURNAL, vol.23, 2009 (Journal Indexed in SCI)
- XII. **Cross-Linking of a DOPA-Containing Peptide Ligand into Its G Protein-Coupled Receptor**
Umanah G. K. E. , Son Ç. D. , Ding F., Naider F., Becker J. M.

BIOCHEMISTRY, vol.48, no.9, pp.2033-2044, 2009 (Journal Indexed in SCI)

- XIII. **Nicotine is a Selective Pharmacological Chaperone of Acetylcholine Receptor Number and Stoichiometry. Implications for Drug Discovery**
Lester H. A. , Xiao C., Srinivasan R., Son Ç. D. , Miwa J., Pantoja R., Banghart M. R. , Dougherty D. A. , Goate A. M. , Wang J. C.
AAPS JOURNAL, vol.11, no.1, pp.167-177, 2009 (Journal Indexed in SCI)
- XIV. **Unnatural amino acid replacement in a yeast G protein-coupled receptor in its native environment.**
Huang L., Umanah G., Hauser M., Son Ç. D. , Arshava B., Naider F., Becker J.
Biochemistry, vol.47, pp.5638-48, 2008 (Journal Indexed in SCI)
- XV. **Affinity purification and characterization of a G-protein coupled receptor, Saccharomyces cerevisiae Ste2p**
Lee B., Jung K., Son Ç. D. , Kini H., VerBerknioes N. C. , Arshava B., Naider F., Becker J. M.
PROTEIN EXPRESSION AND PURIFICATION, vol.56, no.1, pp.62-71, 2007 (Journal Indexed in SCI)
- XVI. **Analysis of ligand-receptor cross-linked fragments by mass spectrometry**
Son Ç. D. , Sargsyan H., Hurst G., Naider F., Becker J.
JOURNAL OF PEPTIDE RESEARCH, vol.65, no.3, pp.418-426, 2005 (Journal Indexed in SCI)
- XVII. **Identification of ligand binding regions of the Saccharomyces cerevisiae alpha-factor pheromone receptor by photoaffinity cross-linking**
Son Ç. D. , Sargsyan H., Naider F., Becker J.
BIOCHEMISTRY, vol.43, no.41, pp.13193-13203, 2004 (Journal Indexed in SCI)
- XVIII. **BIOPHYSICAL AND MUTAGENIC ANALYSIS OF A G PROTEIN-COUPLED RECEPTOR: PHOTOCROSSLINKING OF THE TRIDECAPEPTIDE ALPHA-FACTOR INTO STE2P OF SACCHAROMYCES CEREVISIAE REVEALS CONTACT POINTS BETWEEN THE PEPTIDE AND ITS RECEPTOR BINDING SITE**
Naider F., Son Ç. D. , Sargsyan H., Becker J. M.
JOURNAL OF PEPTIDE SCIENCE, vol.10, pp.105, 2004 (Journal Indexed in SCI)
- XIX. **Sequences in the intracellular loops of the yeast pheromone receptor Ste2p required for G protein activation.**
Celić A., Martin N., Son Ç. D. , Becker J., Naider F., Dumont M.
Biochemistry, vol.42, pp.3004-17, 2003 (Journal Indexed in SCI)
- XX. **Tyr266 in the sixth transmembrane domain of the yeast alpha-factor receptor plays key roles in receptor activation and ligand specificity.**
Lee B., Lee Y., Hauser M., Son Ç. D. , Khare S., Naider F., Becker J.
Biochemistry, vol.41, pp.13681-9, 2002 (Journal Indexed in SCI)
- XXI. **Identification of a contact region between the tridecapeptide alpha-factor mating pheromone of Saccharomyces cerevisiae and its G protein-coupled receptor by photoaffinity labeling.**
Henry L., Khare S., Son Ç. D. , Babu V., Naider F., Becker J.
Biochemistry, vol.41, pp.6128-39, 2002 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Büyük ölçekli genomik değişikliklerin tarihsel olarak yeniden yapılandırılması: Biyolojik sorular ve hesaplamalı zorluklar**
Son Ç. D.
in: Bioinformatics for Biologists, Zeki Kaya, Editor, Nobel Yayın Dağıtım, Ankara, pp.201-223, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **The behaviour of neuro-2A cells on silicon substrates with various topographies generated by femtosecond laser micromachining**

Mingu S., PAVLOV I., SON Ç. D. , BEK A.

7th International Conference on Bioimaging, BIOIMAGING 2020 - Part of 13th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2020, Valletta, Malta, 24 - 26 February 2020, pp.192-199

- II. **In vitro SMA Modelinde Mikrotübül Pozitif Uç Proteinlerinin Araştırılması**
koyunoğlu d., BORA G., SON Ç. D. , YURTER H.
3. Nöromusküler hastalıklar kongresi, İzmir, Turkey, 1 - 03 November 2019
- III. **End binding 3 protein alterations in an in vitro spinal muscular atrophy model**
koyunoğlu d., BORA G., SON Ç. D. , YURTER H.
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, vol.43, pp.43
- IV. **Evaluation of Cell Response to Femtosecond-Laser Induced Substrate Topography**
Mingu S., İDİKUT F., PAVLOV I., SON Ç. D. , BEK A.
21. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı, İstanbul, Turkey, 06 September 2019
- V. **Protein-Protein Interactions in Live Cells: Reinventing the Wheel**
Son Ç. D.
6th International Drug Design Congress, İstanbul, Turkey, 13 - 15 December 2018
- VI. **Investigation of Dimerization of G-alpha Protein by Föster Resonance Energy Transfer Method**
Son Ç. D. , Atay Ö.
6th International Congress of the Molecular Biology Association of turkey, İzmir, Turkey, 5 - 08 September 2018
- VII. **Applications of Föster Resonance Energy Transfer and Split EGFP Techniques at Protein-protein Interaction Studies**
SON Ç. D.
15th International Congress of Histology and Cytochemistry, 18 - 21 May 2017
- VIII. **A2A D2 Receptors and G Protein Interactions Identification Using Confocal Microscopy in Live Cells**
SON Ç. D. , Sahin Kostromin I. B.
ELMI International Light Microscopy initiative Conference, 19 - 22 May 2015
- IX. **CHNQ EXERTS ANTITUMOR ACTIVITY AGAINST COLORECTAL CANCER THROUGH THE INDUCTION OF APOPTOSIS AND OXIDATIVE STRESS**
Enayat S., Ceyhan M., SON Ç. D. , Stefek M., BANERJEE S.
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015
- X. **Photons from cyan and yellow fluorescence proteins shed light on alpha 4 beta 2 nAChR subunit assembly and stoichiometry**
Son Ç. D. , Nashmi R., Wade L., Drenan R., Lester H. A.
Symposium on Nicotinic Acetylcholine Receptors as Therapeutic Targets, California, United States Of America, 31 October - 02 November 2007, vol.74
- XI. **Biochemical and mutagenic analysis of a G protein-coupled receptor: Photocrosslinking of the tridecapeptide alpha-Factor into Ste2p of Saccharomyces cerevisiae reveals contact points between the peptide and its receptor binding site**
Naider F., Son Ç. D. , Sargsyan H., Becker J. M.
3rd International Peptide Symposium/28th European Peptide Symposium, Prague, Czech Republic, 5 - 10 September 2004, pp.93-95
- XII. **Synthesis and cross-linking of photoactivatable biotinylated ligands of G protein-coupled receptors**
Sargsyan H., Son Ç. D. , Becker J. M. , Naider F.
18th American Peptide Symposium, Massachusetts, United States Of America, 19 - 23 July 2003, pp.635-636
- XIII. **Synthesis and cross-linking of photoactivatable, biotinylated ligands of a G protein-coupled receptor**
Sargsyan H., Son Ç. D. , Becker J., Naider F.
18th American Peptide Symposium, BOSTON, MASSACHUSETTS, 19 - 23 July 2003, vol.71, pp.385

Supported Projects

- SON Ç. D. , TUBITAK Project, K-Ras ve Yapısal Homologlarının Homo-, Hetero-Dimer/Oligomer Etkileşiminde G-Domain Bölgesinin Rolü, 2022 - 2025
- Ulusoy İ., Halıcı U., Bayram B., Ankaralı M. M. , Temizel A., Gençer N. G. , Akar G., Ertekin Bolelli Ş., Turgut A. E. , Son Ç. D. , et al., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, NÖROM Nörobilim ve Nöroteknoloji Mükemmeliyet Merkezi, 2020 - 2023
- SON Ç. D. , TUBITAK Project, G-Alfa Proteinlerinin Canlı Hücrelerde Dimerizasyon Mekanizmalarının Araştırılması, 2018 - 2021
- SON Ç. D. , TUBITAK Project, Model Bir G-Proteine Kenetli Reseptör Olan Maya Ste2p Feromon Reseptörünün Üçlü ve Dörtlü Etkileşimlerinin Çift Moleküllü Floresan Birleşme (BiFC) ve Förster Rezonans Enerji Transferi (FRET) Metotları ile Gösterilmesi, 2016 - 2017
- SON Ç. D. , TUBITAK Project, Adenozin 2a ve Dopamin 2 Reseptörlerinin Homo ve/veya Heteromerlerinin G Proteinleri İle Etkileşiminin Canlı Nöron Hücrelerinde Analizi ve Bu Etkileşimlerin Sinyal Yolakları Üzerindeki Etkileri, 2014 - 2017
- SON Ç. D. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015
- SON Ç. D. , Project Supported by Higher Education Institutions, Dopamin D2 reseptörlerinin hücre zarındaki etkileşimleri, 2014 - 2014
- SON Ç. D. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014
- SON Ç. D. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014
- SON Ç. D. , TUBITAK Project, G Proteine Kenetli Reseptörlerin Eşleşmesi: Yapı-İşlev Analizi ve Moleküler Mekanizmalar, 2010 - 2013

Patent

Son Ç. D. , Moss F. J. , Srinivasan R., Lester H. A. , Nicotine normalizes intracellular subunit stoichiometry of nicotinic receptors carrying mutations linked to autosomal dominant nocturnal frontal lobe epilepsy, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: 8,642,352 , Initial Registration, 2014

Activities in Scientific Journals

e-Türk Biyokimya Dergisi (elektronik), Assistant Editor, 2016 - Continues

Edit Congress and Symposium Activities

- 6th International Bahçeşehir University (BAU) Drug Design Congress. , Invited Speaker, İstanbul, Turkey, 2018
- 15th International Congress of Histochemistry and Cytochemistry, Invited Speaker, Antalya, Turkey, 2017
- 22nd Electron Microscopy Cogress, Invited Speaker, İstanbul, Turkey, 2015
25. Ulusal Kimya Kongresi (Uluslararası katılımlı), Invited Speaker, Erzurum, Turkey, 2011
- 21st National Biochemistry Congress, Invited Speaker, İstanbul, Turkey, 2009

Citations

Total Citations (WOS):538

h-index (WOS):11

Invited Talks

6th International Bahçeşehir University (BAU) Drug Design Congress, Conference, Bahcesehir University, Turkey, December 2018

15th International Congress of Histochemistry and Cytochemistry, Conference, Turkish Society for Electron Microscopy, Turkey, May 2017

22nd Electron Microscopy Congress, Conference, Turkish Society for Electron Microscopy, Turkey, September 2015

Scholarships

- Philip Morris External Research Program Postdoctoral Fellowship , University, 2007 - 2009

Awards

Son Ç. D. , MARIE SKŁODOWSKA-CURIE ACTIONS, European Commission, February 2010

Son Ç. D. , GEBİP, Türkiye Bilimler Akademisi, February 2010