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Education Information

Under Graduate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Turkey 2009 - 2014

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Biochemistry

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2016 - Continues

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

- I. **The kinetics of inhibition of human acetylcholinesterase and butyrylcholinesterase by methylene violet 3RAX**
Onder S., Biberoglu K., Tacal Ö.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.314, 2019 (Journal Indexed in SCI)
- II. **Mass Spectral Detection of Diethoxyphospho-Tyrosine Adducts on Proteins from HEK293 Cells Using Monoclonal Antibody depY for Enrichment**
Önder S., Schopfer L. M. , Tacal Ö., Blake T. A. , Johnson R. C. , Lockridge O.
CHEMICAL RESEARCH IN TOXICOLOGY, vol.31, pp.520-530, 2018 (Journal Indexed in SCI)
- III. **Toluidine blue O modifies hippocampal amyloid pathology in a transgenic mouse model of Alzheimer's disease**
YÜKSEL M., BİBEROĞLU K., ÖNDER S., Akbulut K. G. , TACAL Ö.
BIOCHIMIE, vol.146, pp.105-112, 2018 (Journal Indexed in SCI)
- IV. **Delipidation of Plasma Has Minimal Effects on Human Butyrylcholinesterase**
ÖNDER S., TACAL Ö., Lockridge O.
FRONTIERS IN PHARMACOLOGY, vol.9, 2018 (Journal Indexed in SCI)
- V. **Use of Hupresin To Capture Red Blood Cell Acetylcholinesterase for Detection of Soman Exposure**
ÖNDER S., SCHOPFER L. M. , CASHMAN J. R. , TACAL Ö., JOHNSON R. C. , BLAKE T. K. , Lockridge O.
ANALYTICAL CHEMISTRY, vol.90, pp.974-979, 2018 (Journal Indexed in SCI)
- VI. **Monoclonal Antibody That Recognizes Diethoxyphosphotyrosine-Modified Proteins and Peptides Independent of Surrounding Amino Acids**
ÖNDER S., Dafferner A. J. , Schopfer L. M. , Xiao G., Yerramalla U., TACAL Ö., Blake T. A. , Johnson R. C. , Lockridge O.
CHEMICAL RESEARCH IN TOXICOLOGY, vol.30, pp.2218-2228, 2017 (Journal Indexed in SCI)
- VII. **Hupresin Retains Binding Capacity for Butyrylcholinesterase and Acetylcholinesterase after**

Sanitation with Sodium Hydroxide

ÖNDER S., DAVID E., TACAL Ö., SCHOPFER L. M. , Lockridge O.

FRONTIERS IN PHARMACOLOGY, vol.8, 2017 (Journal Indexed in SCI)

VIII. Effects of phenothiazine-structured compounds on APP processing in Alzheimer's disease cellular model

YÜKSEL M., BİBEROĞLU K., ÖNDER S., Akbulut K. G. , TACAL Ö.

BIOCHIMIE, vol.138, pp.82-89, 2017 (Journal Indexed in SCI)

IX. Azure B reduces extracellular amyloid-beta levels in PS70 cells

BİBEROĞLU K., YÜKSEL TEK M., ÖNDER S., TACAL Ö.

FEBS JOURNAL, vol.283, pp.266, 2016 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **The effects of phenothiazine dyes on GAG-modified APLP2 and β -secretase 1 levels in Hs766t cells''**
BİBEROĞLU K., YÜKSEL M., ÖNDER S., TACAL Ö.
TBD Uluslararası Biyokimya Kongresi 2018 // 29. Ulusal Biyokimya Kongresi, 26 - 30 October 2018
- II. **Detection of Diethoxyphospho-tyrosine Adducts on Proteins from HEK 293 Cells Using Monoclonal Antibody DepY for Enrichment**
ÖNDER S., Schopfer L. M. , TACAL Ö., Blake T. A. , Johnson R. C. , LOCKRIDGE O.
The 13th International Meeting on Cholinesterases and the 7th International Conference on Paraoxonases, 9 - 14 September 2018
- III. **Inhibition of human acetylcholinesterase and butyrylcholinesterase by methylene violet 3RAX**
ÖNDER S., BİBEROĞLU K., TACAL Ö.
13th International Meeting on Cholinesterases, 9 - 14 September 2018
- IV. **Toluidine blue O reduces APLP2 and APLP2 CTF levels in Hs766T cells**
BİBEROĞLU K., YÜKSEL M., ÖNDER S., TACAL Ö.
43rd FEBS Congress, 7 - 12 July 2018
- V. **The Inhibitory effects of phenothiazine dyes on B-secretase**
BİBEROĞLU K., YÜKSEL M., ÖNDER S., TACAL Ö.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- VI. **Toluidine blue o but not thionine alters APP procesing in 3XTg-AD mice**
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- VII. **Toluidine blue O, but not thionine, alters APP processing in 3xTg-AD mice**
YÜKSEL M., BİBEROĞLU K., ÖNDER S., AKBULUT K. G. , TACAL Ö.
42nd FEBS CONGRESS, 10 - 14 September 2017, vol.284
- VIII. **Effect of toluidine blue O on tau pathology in an Alzheimer's disease animal model**
YÜKSEL M., BİBEROĞLU K., ÖNDER S., AKBULUT K. G. , TACAL Ö.
FEBS Advanced Lecture Course ALC17-012 Nuclear Receptors and Epigenomic Mechanisms in Human Disease and Aging, Spetses, Greece, 26 August - 01 September 2017
- IX. **Monoclonal antibodies that recognize diethoxyphosphate-tyrosine modified proteins**
ÖNDER S., Dafferner A., Schopfer L. M. , Blake T. A. , Rudolph C J., TACAL Ö., Lockridge O.
2017 Society for Developmental Biology West Coast Regional Meeting, Yosemite, United States Of America, 28 - 31 March 2017

Citations

Total Citations (WOS):28

h-index (WOS):4