



Alpay Burak Seven

Postdoctoral Research Fellow, Molecular and Cellular Physiology

Bio

HONORS AND AWARDS

- Mümin Tansever Student Clubs Activity Award, Bogazici University (2008)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Univ of Texas Southwestern Medical Center (2015)
- Bachelor of Science, Bogazici University (2008)

Publications

PUBLICATIONS

- **Functional synergy between the Munc13 C-terminal C-1 and C-2 domains** *ELIFE*
Liu, X., Seven, A. B., Camacho, M., Esser, V., Xu, J., Trimbuch, T., Quade, B., Su, L., Ma, C., Rosenmund, C., Rizo, J.
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- **Conformational Plasticity in the Transsynaptic Neurexin-Cerebellin-Glutamate Receptor Adhesion Complex.** *Structure (London, England : 1993)*
Cheng, S., Seven, A. B., Wang, J., Skiniotis, G., Özkan, E.
2016; 24 (12): 2163–73
- **Dynamic binding mode of a Synaptotagmin-1-SNARE complex in solution** *NATURE STRUCTURAL & MOLECULAR BIOLOGY*
Brewer, K. D., Bacaj, T., Cavalli, A., Camilloni, C., Swarbrick, J. D., Liu, J., Zhou, A., Zhou, P., Barlow, N., Xu, J., Seven, A. B., Prinslow, E. A., Voleti, et al
2015; 22 (7): 555-?
- **Prevalent mechanism of membrane bridging by synaptotagmin-1** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Seven, A. B., Brewer, K. D., Shi, L., Jiang, Q., Rizo, J.
2013; 110 (34): E3243-E3252
- **Reconstitution of the Vital Functions of Munc18 and Munc13 in Neurotransmitter Release** *SCIENCE*
Ma, C., Su, L., Seven, A. B., Xu, Y., Rizo, J.
2013; 339 (6118): 421-425
- **Membrane Bridging and Hemifusion by Denaturated Munc18** *PLOS ONE*
Xu, Y., Seven, A., Su, L., Jiang, Q., Rizo, J.
2011; 6 (7)
- **NMR Structure and Calcium-Binding Properties of the Tellurite Resistance Protein TerD from *Klebsiella pneumoniae*** *JOURNAL OF MOLECULAR BIOLOGY*
Pan, Y., Lou, Y., Seven, A. B., Rizo, J., Chen, C.
2011; 405 (5): 1188-1201