

## Lect. PhD ŞEYMA DEMİRSOY

### Personal Information

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### Education Information

Doctorate, Katholieke Universiteit Leuven, Biyomedikal Bilimler, Tıp Fakültesi, Hücresel Ve Moleküler Tıp, Belgium 2012 - 2017

Post Graduate, Bilkent Üniversitesi, Fen Ve Mühendislik Enstitüsü, Moleküler Biyoloji Ve Genetik, Turkey 2010 - 2012

Under Graduate, Orta Doğu Teknik Üniversitesi, Fen Fakültesi, Turkey 2005 - 2010

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, The P5 Type ATPase ATP13A2 (PARK9), A Parkinson associated gene, coordinates the key mechanisms involved in the maintenance of cancer cell proteostasis, Katholieke Universiteit Leuven, Faculty Of Medicine, Biomedical Sciences, Cellular And Molecular Medicine, 2017

Post Graduate, Lipotoxic endoplasmic reticulum stress-associated Inflammation: Molecular mechanisms and modification by a bioactive lipokine, İhsan Doğramacı Bilkent Üniversitesi, Mühendislik Ve Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik, 2012

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Microbiology and Clinical Microbiology, Life Sciences, Molecular Biology and Genetics, Neurobiology, Natural Sciences

### Academic Titles / Tasks

Other, Katholieke Universiteit Leuven, Faculty Of Medicine, Biomedical Sciences, Cellular And Molecular Medicine, 2012 - 2017

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

1. **ATP13A2/PARK9 regulates endo-/lysosomal cargo sorting and proteostasis through a novel PI(3,5)P2-mediated scaffolding function**  
Demirsoy S., Martin S., Motamedi S., van Veen S., Holemans T., Van den Haute C., Jordanova A., Baekelandt V., Vangheluwe P., Agostinis P.

HUMAN MOLECULAR GENETICS, vol.26, pp.1656-1669, 2017 (Journal Indexed in SCI)

II. **EV-TRACK: transparent reporting and centralizing knowledge in extracellular vesicle research**

Van Deun J., Mestdagh P., Agostinis P., Akay O., Anand S., Anckaert J., Andreu Martinez Z., Baetens T., Beghein E., Bertier L., et al.

NATURE METHODS, vol.14, pp.228-232, 2017 (Journal Indexed in SCI)

III. **An autophagy-driven pathway of ATP secretion supports the aggressive phenotype of BRAF(V600E) inhibitor-resistant metastatic melanoma cells**

Martin S., Dudek-Peric A. M. , Garg A. D. , Roose H., Demirsoy S., Van Eygen S., Mertens F., Vangheluwe P., Vankelecom H., Agostinis P.

AUTOPHAGY, vol.13, pp.1512-1527, 2017 (Journal Indexed in SCI)

IV. **Prevention of atherosclerosis by bioactive palmitoleate through suppression of organelle stress and inflammasome activation**

Cimen I., Kocaturk B., Koyuncu S., Tufanli O., Onat U. I. , Yildirim A. D. , Apaydin O., Demirsoy S., Aykut Z. G. , Nguyen U. T. , et al.

SCIENCE TRANSLATIONAL MEDICINE, vol.8, 2016 (Journal Indexed in SCI)

V. **Protection against Mitochondrial and Metal Toxicity Depends on Functional Lipid Binding Sites in ATP13A2**

Martin S., van Veen S., Holemans T., Demirsoy S., van den Haute C., Baekelandt V., Agostinis P., Eggermont J., Vangheluwe P.

PARKINSONS DISEASE, 2016 (Journal Indexed in SCI)

VI. **Concurrent MEK and autophagy inhibition is required to restore cell death associated danger-signalling in Vemurafenib-resistant melanoma cells**

Martin S., Dudek-Peric A. M. , Maes H., Garg A. D. , Gabrysiak M., Demirsoy S., Swinnen J. V. , Agostinis P.

BIOCHEMICAL PHARMACOLOGY, vol.93, pp.290-304, 2015 (Journal Indexed in SCI)

## Citations

Total Citations (WOS):369

h-index (WOS):6