

## Curriculum Vitae

**Viskind Olga**

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Born 30.03.1959. Leningrad, USSR

Immigrated to Israel in 28. 10. 1990

### Education

1966-1976 High school 483 Leningrad (Sankt-Petersburg), USSR

1981-1988 Agriculture Institute, Agrochemistry department, Sankt-Petersburg, USSR. (**M.Sc.**)

### Academic Employment:

2008-2009: Lab. of Prof. Shlomo Sasson ,  
Department of Pharmacology,  
School of Pharmacy,  
Faculty of Medicine, Hebrew  
University of Jerusalem.  
Laboratory technician.

2009-2010 Lab. of Prof. Shimon Benita ,  
Department of Pharmacy,  
School of Pharmacy,  
Faculty of Medicine, Hebrew  
University of Jerusalem.  
Laboratory technician.

2012-current Lab. of Dr. Arie Gruzman ,  
Department of Chemistry,  
Faculty of Exact Sciences  
Bar-Ilan University,  
Ramat-Gan  
Laboratory technician.

### Professional experience

Agriculture chemistry, chemistry of pesticides, analytical chemistry (column chromatography, HPLC and MS), synthetic chemistry (peptide synthesis), tissue culture work, lab animal experiments, *in vivo* experiments proceeding and performance of biochemical assays (radioactive glucose uptake assay, Western blot), preparation of buffers and cell culture mediums.

### Publications

1. Gruzman A.; Elgart A.; **Viskind O.**; Billauer H.; Dotan S.; Cohen G.; Mishani E.; Hoffman A.; Cerasi E. and Sasson S. Antihyperglycaemic activity of 2,4:3,5-dibenzylidene-D-xylose-dithioacetal in mouse models of type 1 and type 2 diabetes. *J. Cell. Mol. Med.*, **2012**, 16(3), 594-604
2. Meltzer-Mats E.; Babai G.; Pasternak L.; Uritsky U.; Getter T.; **Viskind O.**; Eckel J.; Cerasi E.; Senderowitz H.; Sasson S.; Gruzman A\*. Synthesis and mechanism of anti-hyperglycemic activity of benzothiazole derivatives. *J. Med. Chem.*, **2013**, 56 (13):5335–5350.
3. Daniel B.; Green O.; **Viskind O.**; Gruzman A\*. Riluzole increases the rate of glucose transport in L6 myotubes and NSC-34 motor neuron-like cells via AMPK pathway activation. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2013**, 14 (5-6):434–443.
4. Pasternak L.; Meltzer-Mats E.; Babay-Shani G.; Cohen G.; **Viskind O.**; Eckel J.; Cerasi E.; Sasson S.\* Gruzman A.\* Benzothiazole derivatives augment glucose uptake in skeletal muscle cells and stimulate insulin secretion from pancreatic  $\beta$ -cells via AMPK activation *Chem. Comm*, **2014**, 50:11222-11225.
5. Getter T.; Zaks I.; Barhum T.; Ben-Zur T.; Bösel S.; Gregoire S.; **Viskind O.**; Gottlieb H.; Shani T.; Green O.; Shubely M.; Senderowitz H.; Israelson A.; Kwon I.; Petri S.; Offen D.; Gruzman A.\* A novel chemical chaperon-based drug candidate is effective in mouse model of amyotrophic lateral sclerosis (ALS). *ChemMedChem*, **2015**, 10:850 – 861.