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### Education:

- 2004-2007 Post-doctoral fellow, Department of Molecular Cell Biology  
Weizmann Institute of Science, Rehovot, Israel.  
**Research:** Real-time analysis of hypothalamic dopaminergic neural progenitors and identification of factors controlling their specification in Zebrafish.
- 1999-2004 Ph.D, Department of Molecular-Genetics  
Feinberg Graduate School of the Weizmann Institute  
of Science, Rehovot , Israel.  
**Research:** Characterizing the role of How in differentiation of different tissues of the *Drosophila* fly.
- 1996-1999 M.Sc., Department of Molecular-Genetics, January 1999  
Feinberg Graduate School of the Weizmann Institute  
of Science, Rehovot, Israel.  
**Research:** Characterizing the role of HOW (Held Out Wing) in tendon cells of the *Drosophila* embryo.
- 1992-1996 B.Sc., Plant protection, Faculty of Agriculture, February 1997  
Jerusalem University, Rehovot, Israel.

### Positions in Academic and Research Institutions:

- 2009- present Ornamental Horticulture Researcher, The Northern R&D of Israel
- 2007- 2009 Scientific advisor, lab. of Dr. Gil Levkowitz, Department of Molecular Cell Biology, Weizmann Institute of Science, Rehovot, Israel.

### Courses:

Development, EMBO course, Tübingen, 2000.  
Neural Development and Genetics of Zebrafish, MBL, Woods Hole, 2004.

### Honors:

The Charles Clore fellowship, 2006, 2007.  
EMBO short-term fellowship for over-seas scientific collaboration, 2006.  
The Schwartzman and Medvedi Families Postdoctoral Fellowship, 2005.  
The Katzir-Katchalsky Student Travel Fellowship, 2003.  
The Israel, Sara and L. Chester Glaser Scholarship and  
The Robert Alan Kuniandy Memorial Scholarship, 2002.

### Publications:

1. High resolution fate map of the zebrafish diencephalon. Russek-Blum N, **Nabel-Rosen H**, Levkowitz G. *Dev Dyn*. 2009 Jul;238(7):1827-35.
2. Niva Russek-Blum, Amos Gutnick, **Helit Nabel-Rosen**, Janna Blechman, Nicole Staudt, Richard Dorsky, Corinne Houart and Gil Levkowitz. (2007). Dopaminergic Neuronal Cluster Size is Determined During Early Forebrain Patterning. *In press (Development)*.
3. Blechman J, Borodovsky N, Eisenberg M, **Nabel-Rosen H**, Grimm J, Levkowitz G. (2007). Specification of hypothalamic neurons by dual regulation of the homeodomain protein Orthopedia. *Development*. Dec;134(24):4417-26.
4. **Nabel-Rosen, H.**, Toledano-Katchalski, H., Volohonsky, G., and Volk, T. (2005). Cell divisions in the drosophila embryonic mesoderm are repressed via posttranscriptional regulation of string/cdc25 by HOW. *Curr Biol* 15, 295-302.
5. **Nabel-Rosen, H.**, Volohonsky, G., Reuveny, A., Zaidel-Bar, R., and Volk, T. (2002). Two isoforms of the Drosophila RNA binding protein, how, act in opposing directions to regulate tendon cell differentiation. *Dev Cell* 2, 183-193.
6. **Nabel-Rosen, H.**, Dorevitch, N., Reuveny, A., and Volk, T. (1999). The balance between two isoforms of the Drosophila RNA-binding protein how controls tendon cell differentiation. *Mol Cell* 4, 573-584.

### Teaching experience:

1999-2007      Teaching assistant in Developmental Genetics course,  
Feinberg Graduate school of the Weizmann Institute.  
Science mentor in the youth activity center of the Weizmann institute.

### References:

1. Prof. Talila Volk, The Weizmann Institute  
of Science, Rehovot , Israel.  
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2. Prof. Ben-zion Silo, The Weizmann Institute  
of Science, Rehovot , Israel.  
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