Hagit Turm
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Employment:

2012-	Lab manager at Ami Citri laboratory at the Hebrew University of Jerusalem
2010- 2012	Postdoc at the Hebrew University of Jerusalem at Sebastian Kadener Lab; research topic-studying neodegenerative diseases using fruit flies as a model
2000-2003	Research assistant at QBI company; I was part of research group that worked on developing of new drug for osteoporosis
1996-1999	Head of virology tests in Maccabi health services; I was in charge of the section that performed virology tests in the central laboratory of Maccabi health services

Education :

2004-2010	PhD in Hadassah Hospital, The Hebrew University in Jerusalem; research topic-The involvement of PAR1 in tumor biology
1993-1996	MSc in Bar Ilan University
1993-1996	learning for teaching diploma in Biology in Bar Ilan University
1990-1993	BSc in biology in Bar Ilan University

Practice

Molecular Biology: Cloning of a wide range of vectors-viral, siRNA and miRNA vectors. RNA, DNA and proteins purification from cells and tissues, PCR and real time PCR, implantation RNAseq techniques from mouse brain tissues, development gene expression profiling from neuronal populations and single neurons,

Biochemical methods: Western blot, Southern blot, Northern blot, IP, enzymatic tests, developing of cartilage and bone staining of mouse fetuses.

Immunologicalmethods: FACS analysis, FACS sorting, ELISA technique. Immunofluorescence and immunihistochemical staining,

Tissue culture: Work with cell cultures (cell lines and primary cells) and organ cultures. Transfections and infections of cells and tissues.

Animals: mice behavioral models, Generating transgenic mice, development of tumor models in mice, producing fibroblasts from wide range of tissues in mice, models of intestinal inflammatory, working with *Drosophila*-generating transgenic flies, behavior tests, gene expression (luciferase) and staining

Conferences

2017

1. Participation and poster presentation in ILANIT conference ' **Towards Single Neuron Transcriptional Profiling of Memories Encoded by Aversive and Rewarding Experiences'** 20-23/2 2017

2016

1. Participation and poster presentation in ELSC retreat ' **Signatures of salient behavioral experiences are found in the transcriptional profiles of peripheral blood monocytes**' 24-26/1 2016

2015

1. Participitation and poster presentation in the ELSC retreat '**Transcription Networks Provide Insight into the Neural Circuitry of Addiction'** 1-3/2/2015, Ein Gedi
2. Participation and poster presentation in the Third annual Broad-ISF cell circuit symposium ' **Behavioral transcriptomics: A molecular perspective on experience dependent plasticity'**, 8-10/6 2015, Mishkenot Sha'ananin, Jerusalem
3. Participation in Brainy days in Jerusalem, 22-25/6/2015, Mishkenot Sha'ananin, Jerusalem
4. Participation in Neuroscience 2015, 17-21/10 2015, Chicago

2014

1. Participation in Cromatin &RNA gene regulation retreat and poster presentation **'Insight into the Neural Circuitry of addiction**' 3-4/2/2014, Ein Gedi
2. Participation in The role of protein expression in synaptic Stability and Memory consolidation, 1-3/6 2014, Nahsholim
3. Participation in From basic science to therapeutic intervention, 7-8/9/2014, Weizmann institute, Rehoboth

2013

1. Participation in the 22nd annual meeting of the Israel society of neuroscience, 14-17/12 2013 Eilat
2. Participation in 7th FIBES /ILANIT 2014, 10-13/2 2014, Eilat

List of publications:

1. Mukherjee D, Ignatowska-Jankowska BM, Itskovits E Gonzales BJ, Turm H, Izakson L, Haritan D , Bleistein N, Cohen C, Amit¡ Shay T , Grueter B, Zaslaver A, Citri A. Salient experiences are represented by unique transcriptional signatures in the mouse brain. eLife 2018;7:e31220
2. Turm H, Mukherjee D, Haritan D, Tahor M, Citri A. Comprehensive analysis of transcription dynamics from brain samples following behavioral experience. J Vis Exp. 2014 Aug 26;(90). doi: 10.3791/51642.
3. Pandey V, Turm H, Bekenstein U, Shifman S, Kadener S. A new in vivo model of pantothenate kinase-associated neurodegeneration reveals a surprising role for transcriptional regulation in pathogenesis. Front Cell Neurosci. 2013 Sep 9;7:146. doi: 10.3389/fncel.2013.00146.
4. Bar-Shavit, Rachel; Turm, Hagit; Salah, Zaidoun; Maoz, Myriam; Cohen, Irit; Kancharala, Arun; Weiss, Einat; Uziely, Beatrice; Grisaru-Granovsky, Sorina; PAR1 plays a role in epithelial malignancies: Transcriptional regulation and novel signaling pathway. Submitted. IUBMB Life. 2011 Jun;63(6):397-402.
5. Beatrice Uziely, Turm Hagit, Myriam Maoz, Irit Cohen, Bella Maly and Rachel Bar-Shavit PAR genes: molecular probes to pathological assessment in breast cancer progression. Pathology Research International, 2011, Article ID 178265, doi:10.4061/2011/178265.
6. Turm H, Grisaru-Granvosky S, Maoz M, Offermanns S and Bar-Shavit R. DVL as a scaffold protein capturing classical GPCRs. Communicative & Integrative Biology, 2010; November/December 3(6);395-98.
7. Cohen, I., Maoz,M, Turm, H., Grisaru-Granovsky, S., Mali, B.,Uziely, B.Abramovitch, R., Gross, E., Barzilay, O., Yun, Q and Bar-Shavit R. Essential signaling partners of PAR1 breast cancer invasion: Hierarchy and physiological significance. PLoS One. 2010 Jun 15;5(6):e11135.
8. Turm H, Maoz M, Offermanns S and R Bar-Shavit. Protease activated receptor1, PAR1 acts via a novel Ga13-DVL axis to stabilize □-catenin levels. J Biol Chem. 2010 May 14;285 (20):15137-48
9. Yin YJ, Katz V, Salah Z, Maoz M, Cohen I, Uziely B, Turm H, Grisaru-Granovsky S. Mammary gland tissue targeted overexpression of human protease-activated receptor1 reveals a novel link to beta-catenin stabilization. Cancer Res. 2006 May 15;66(10):5224-33.
10. Salzberg S, Hyman T, Turm H, Kinar Y, Schwartz Y, Nir U, Lejbkowicz F,Huberma E.Ectopic expression of 2-5A synthetase in myeloid cells induces growth arrest and facilitates the appearance of a myeloid differentiation marker. Cancer Res. 1997 Jul 1;57(13):2732-40.