

Haggai Sharon - CV

Education

- 1999 – B.Med. Sc Degree, Hebrew University, Jerusalem, Israel
- 2002 – MD Degree from the Hebrew University and Hadassah Medical School, Hadassah University Hospital, Jerusalem, Israel.
- 2002-2003 – Internship Year, Western Galilee Hospital, Nahariya, Israel. Selected best intern for 2004.
- 2003- License to practice medicine in Israel
- 2004 -2005 – Intern, Department of Neurology, Tel Aviv Sourasky University Medical Center, Tel Aviv, Israel.
- 2006-2009 – Intern, Department of Internal Medicine H, Tel Aviv Sourasky University Medical Center, Tel Aviv, Israel.
- 2009 – Licensed as Specialist in Internal Medicine, Passed the board with special honors
- 2010 – Good Clinical Practice (GCP) Course, Israeli Medical Association
- 2012 – 2016 – PhD Student. Research Topic – Emotional brain processing in patients with chronic disorders of consciousness. Lab : The Functional Brain Center, Whole Institute for Advanced Imaging, Tel Aviv Sourasky Medical Center and Tel Aviv University
- 2016 - Licensed as Specialist in Pain Medicine, Passed the board with special honors

Publications:

- Mindfulness Meditation Modulates Pain through Endogenous Opioids
Haggai Sharon MD, Adi Maron-Katz MSc, Eti Ben Simon MSc, Yuval Flusser BA, Ricardo Tarrasch PhD, Talma Hendler MD PhD and Silviu Brill MD

The American Journal of Medicine, accepted 2016

- Quality Measures of Postoperative Pain Management among Native and Non-Native Israeli Citizens – Data from the European PAIN-OUT Registry
Silviu Brill*, **Haggai Sharon***, Anat Yafe, Shoshana Hazan, Lior Dayan

(*Equal contributors), Under Review 2016

- Neuro-epigenetic indications of acute stress response in humans: the case of microRNA-29c
Sharon Vaisvaser; Shira Modai; Luba Farberov; Tamar Lin; **Haggai Sharon**; Avital Gilam; Naama Volkv; Roee Admon; Liat Edry; Eyal Fruchter; Ilan Wald; Yair Bar-Haim; Ricardo Tarrasch; Alon Chen; Noam Shomron; Talma Hendler

PLoS One. 2016 Jan 5;11(1):e0146236. doi: 10.1371/journal.pone.0146236.
eCollection 2016.

- Losing Neutrality: The Neural Basis of Impaired Emotional Control without Sleep.
Simon EB, Oren N, **Sharon H**, Kirschner A, Goldway N, Okon-Singer H, Tauman R,
Deweese MM, Keil A, Hendler T.

J Neurosci. 2015 Sep 23;35(38):13194-205. doi: 10.1523/JNEUROSCI.1314-15.2015.

- I think therefore I am: Rest-related prefrontal cortex neural activity is involved in
generating the sense of self.
Michal Gruberger, Yechiel Levkovitz, Talma Hendler, Eiran Harel, Haggai Harari, Eti
Ben-Simon, **Haggai Sharon**, and Abraham Zangen

Conscious Cogn. 2015 May;33:414-21.

- Detailed Behavioral Assessment Promotes Accurate Diagnosis in Patients with
Disorders of Consciousness.
Gilutz Y, Lazary A, Karpin H, Vatine J, Misha T, Fortinsky H and **Sharon H** Front. Hum.
Neurosci. 2015 Jan 9:87.

- Comparison between Human Awake, Meditation and Drowsiness EEG Activities
Based on Directed Transfer Function and MVDR Coherence Methods
Chamila Dissanayaka, Eti Ben-Simon, Michal Gruberger, Adi Maron-Katz, **Haggai
Sharon**, Talma Hendler, Dean Cvetkovic

Med Biol Eng Comput. 2015 Jul;53(7):599-607

- Machine learning fMRI classifier delineates subgroups of schizophrenia patients
Maya Bleich-Cohen, Haggai Sharon, Shahar Jamsky, Ronit Weizman MD, Michael
Poyurovsky, Natan Intrator, Talma Hendler

Schizophr Res. 2014 Dec;160(1-3):196-200

Equal contributor – shared first authorship

- Moods as ups and downs of the motivation pendulum: Revisiting Reinforcement
Sensitivity Theory (RST) in Bipolar Disorder
Gonen T, **Sharon H**, Pearlson G and Hendler T

Front. Behav. Neurosci. 2014 8:378. doi: 10.3389/fnbeh.2014.00378

- Does co-morbid obsessive-compulsive disorder modify the abnormal language
processing in schizophrenia patients? An FMRI study.
Maya Bleich-Cohen, M.A , Ronit Weizman MD, Michael Poyurovsky, MD., Sarit
Faragian, M.A., Talma Hendler, M.D. Ph.D., **Haggai Sharon MD.**

Front Hum Neurosci. 2014 Nov 3;8:378.

- From circuit activity to network connectivity and back - the case of OCD
Talma Hendler, Tal Gonen, Eyal Harel and **Haggai Sharon**

Biol Psychiatry. 2014 Apr 15;75(8):590-2.

IF=9.8
 - Emotional Processing of Personally Familiar Faces in the Vegetative State.
Haggai Sharon, Yotam Pasternak, Eti Ben Simon, Michal Gruberger, Nir Giladi, Ben Zion Krimchansky, David Hassin and Talma Hendler

PLoS One 2013 Sep 25;8(9):e74711.

IF=4.1
 - The wandering mood: psychological and neural determinants of rest-related negative affect
Gruberger M., Ben Simon E., Maron-Katz A., **Sharon H.**, Hendler T.

Front Psychol. 2013 Dec 26;4:961.
 - When the chimney is blocked: malignant renovascular hypertension after endovascular repair of AAA
Amir Gal-Oz, Yehuda Wolf, Galia Rosen, **Haggai Sharon**, Idit Schwartz, Gil Chernin.

BMC Nephrol. 2013 Mar 26;14(1):71. IF=2.18
 - Tension pneumothorax due to a ruptured pulmonary echinococcal cyst
Sharon H, Elhanan E, Aviram G and Hassin D.

Respiration 2012;84(4):327-8. IF=2.54
 - Reduced language related inter-hemispheric functional connectivity as a possible biomarker for early schizophrenia.
Maya Bleich-Cohen, M.A , **Haggai Sharon MD.***, Ronit Weizman

MD, Michael Poyurovsky, MD., Sarit Faragian, M.A., Talma Hendler, M.D.

Ph.D.

Schizophr Res. 2012 Feb;134(2-3):131-6. Epub 2011 Nov 23. IF=4.96
- (***Equal contributor – shared first authorship**)
- Neurofunctional view of psychiatry: clinical brain imaging revisited.
Hendler T, Bleich-Cohen M, **Sharon H.**

Curr Opin Psychiatry. 2009 May;22(3):300-5. Review. IF-3.5

Book Chapters

- Maron-Katz, A., Ben-Simon, E., **Sharon, H.**, Gruberger, M., & Cvetkovic, D. A neuroscientific perspective on meditation.

In: Psychology of Meditation. Vol., N.N. Singh, ed. ^eds. Nova, New York, NY. 2014.

Selected Presentations at meetings

- **Mindfulness Meditation Modulates Pain through Endogenous Opioids**
Haggai Sharon MD, Adi Maron-Katz MSc, Eti Ben Simon MSc, Yuval Flusser BA, Ricardo Tarrasch PhD, Talma Hendler MD PhD and Silviu Brill MD

Presented at the 15th World Congress on Pain of the International Association for the Study of Pain, Buenos Aires, **Argentina**, October 2014

Winner –travel award

- **Covert Cognitive Impairment in Asymptomatic ART-Naïve HIV-Infected Patients – a Clinical and fMRI Study**
Haggai Sharon, Sari Ziv, Dan Turner, Talma Hendler and David Hassin

Accepted, IDweek2013 - combined annual meeting of the Infectious Diseases Society of America (IDSA), the Society for Healthcare Epidemiology of America (SHEA), the HIV Medicine Association (HIVMA), and the Pediatric Infectious Diseases Society (PIDS).

San Francisco CA, USA, October 2013

- **A multi-level approach to studying individual stress responsiveness: from brain to epigenetics**
Sharon Vaisvaser, Tamar Lin, Shira Modai, Haggai Sharon, Yair Bar-Haim, Roe Admon, Noam Shomron, Talma Hendler

Accepted, 19th Annual Meeting of the Organization for Human Brain Mapping, Seattle, WA, **USA**, June 2013

- **Cannabis for chronic pain**
Sharon H, Schiff-Keren B, Marjan G, Brill S

Original Poster – Presented at the 14th World Congress on Pain of the International Association for the Study of Pain, Milan, **Italy**, August 2012

Winner –travel award

- **A network effect when processing familiar faces in the vegetative state**
Haggai Sharon, Yotam Pasternak, Eti Ben Simon, Michal Gruberger, Adi Maron-katz, Nir Giladi and Talma Hendler

Original Poster – Presented at the 16th annual international meeting of the Association for the Scientific Study of Consciousness, Brighton, **UK**, July 2012.

Winner –travel award

- **Modifications in sense of self are associated with rest-related prefrontal cortex functional connectivity: a combined deep-TMS - fMRI study**
Gruberger M, Levkovitz Y, Harel E.V, Harari H, Ben-Simon E, **Sharon H**, Hendler T and Zangen A

Presented at the annual meeting of the Israeli Society for Biological Psychiatry, **Israel**, March 2012

- **Selective face processing in the vegetative state: evidence from fMRI**
Haggai Sharon, Yotam Pasternak, Eti Ben Simon, Michal Gruberger, Adi Maron-katz and Talma Hendler

Original Poster – Presented at the 15th annual international meeting of the Association for the Scientific Study of Consciousness, Kyoto, **Japan**, June 2011

- **The Cannabis Revolution**
Sharon H, Schiff-Keren B, Brill S

Original Poster – Presented at the 13th World Congress on Pain of the International Association for the Study of Pain, Montréal, Québec, **Canada**, August 29 - September 2, 2010

Winner –travel award

- **Cannabis use in the Pain Clinic**
Sharon H, Schiff-Keren B, Brill S

Original Poster and oral presentation – The Annual conference of the Israeli Pain Society, Eilat, **Israel**, June 2010

Winner – cash prize

Active Grants-

- NARDAD Young Investigator Grant, 2016-2018
- Excellence Grant, Tel Aviv Sourasky Medical Center 2014 - ongoing
- Adopt a Researcher Personal Research Grant 2015-2018, Friends of TASM

Memberships in professional associations

- Member – Association for the Scientific Study of Consciousness (ASSC)
- Member – The Israeli Society of Internal Medicine
- Member – International Society for the study of Pain (IASP)
- Member – The Israel Pain Association
- Member – Special Interest Groups on Neuromodulation and CRPS of the IASP
- Member – The Israel Society for Biological Psychiatry