

CV - Itamar Yehuda

August, 2018

Personal Details:

Full name: Itamar Yehuda.

Date of birth: October 1980.

Country of birth: Israel.

Citizenship: Israeli.

ID number: 040190746.

Family status: Married + 3.

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Higher Education:

2003-2006 **Tel-Hai Academic College.**

Bachelor of Science (B.Sc.) in Biotechnology.

- Faculty of Sciences and Technology.
- Degree received in June 2007.
- Scientific research project for excelling students: Migal - Galilee Research Institute (2005 – 2006), Virology and Vaccination Development lab. Topic of project: "Genetic modification of LT toxin from the E.Coli bacteria to neutralize its bonding with the GM₁ receptor".

2006-2008 **The Hebrew University of Jerusalem.**

Master of Science (M.Sc.) in Nutritional Sciences as part of doctoral studies (direct track).

- The Robert H. Smith Faculty of Agriculture, Food and Environment - Institute of Biochemistry, Food Science and Nutrition.
- Transfer in January 2009 to direct doctoral track.

2008-2016 **The Hebrew University of Jerusalem.**

Doctor of Philosophy (Ph.D) in Nutritional Sciences.

- The Robert H. Smith Faculty of Agriculture, Food and Environment - Institute of Biochemistry, Food Science and Nutrition.
- Doctoral thesis topic: "Effect of glabridin, a phytoestrogen from licorice root, on the antioxidant defense system under glucose stress, in vitro and in vivo".
- Doctoral advisors: Prof. Zecharia Madar from the Hebrew University of Jerusalem, and Prof. Snait Tamir from the Tel-Hai Academic College.

Teaching:

In academic institutions

2006-2008 **Tel-Hai Academic College.**

Teaching Assistant.

- Teaching Assistant at the Faculty of Sciences and Technology, courses for the B.Sc. in Nutritional Sciences, Environmental Sciences, and Biotechnology.
- Labs - Organic Chemistry, Human Nutrition A and B, Principles of Food Preparation, Biochemistry.
- Practicum - Theoretical Biochemistry A and B, Human Nutrition A and B.
- Courses which I reviewed papers and exams: Human Heredity, Radiobiology, Main Topics in Biotechnology, First and Advanced Seminar in Biotechnology, Seminar in Nutritional Sciences.

2008-2016 **Tel-Hai Academic College.**

Assistant.

- Assistant at the Faculty of Sciences and Technology, courses for the B.Sc. in Nutritional Sciences, Environmental Sciences, Food Sciences, and Biotechnology.
- Lecturer for the Human Nutrition A course (Energy chapter).
- Labs - Human Nutrition A and B, Biochemistry.
- Practicum - Theoretical Biochemistry A and B, Human Nutrition A and B.
- Courses which I reviewed papers and exams: Human Heredity, Radiobiology, Main Topics in Biotechnology, Scientific Writing and Information Management, First and Advanced Seminar in Biotechnology, Seminar in Nutritional Sciences.
- Guiding scientific research project to excelling students studying for B.Sc. in the Department of Nutritional Sciences and Biotechnology.

2016-Present **Tel-Hai Academic College.**

Academic Staff Member - Amit B.

- Member at the Faculty of Sciences and Technology, courses for the B.Sc. in Nutritional Sciences, Environmental Sciences, Food Sciences, and Biotechnology.
- Lecturer for the Human Nutrition A and Scientific Writing courses.
- Labs - Human Nutrition A and B, Biochemistry.
- Practicum - Theoretical Biochemistry A and B, Human Nutrition A and B.

2015-2017 **Tel-Hai Academic College.**

The Evaluation and Measurement Unit - Researcher.

- Educational effectiveness research.
- Research processes for social and educational programs.

2017-Present **Shamir Research Institute.**

Educational R&D Unit - Researcher.

- Educational effectiveness research.
- Research processes for social and educational programs.

In non-academic institutions:

2008-2016 **The Sidney Warren Science Education Centre for Youth (at Tel-Hai Academic College).**

Coordinator of the Food and Nutrition program.

- Develops scientific programs.
- Leads scientific enrichment days where youth is exposed to scientific activities and content.
- Coordinates the scientific excellence project that nurtures students scientific skills and affinity.
- Guidance in Science Oriented Youth Camp.
- Guiding term paper for 5 academic units.

Research Grants:

2015 – 2018 (CI) - Evaluation of the pedagogical reforms in schools. The Golan Regional Council. 695,000 NIS. Collaborators: Dr. Irit Sasson (PI).

2016 – 2018 (CI) - Evaluation of the program to extend the school day. Gamla School, Katzrin. 53,500 NIS. Collaborators: Dr. Irit Sasson (PI).

2017 - 2018 (PI) - Effect of family and genetics-based lifestyle and nutrition intervention in patients with obesity and/or obesity related diseases. Ministry of Science and Technology (Competitive Fund), 250,000 NIS. Collaborators: Dr. Adi Vitman- Schorr (CI), Prof. Shmuel Shamai (CI), Prof. Snait Tamir (CI), Prof. Dani Berkovich (CI).

Active Participation in Conferences:

Sep. 2008 *The Annual 14th International Conference of the Company for the Prevention and Treatment of Atherosclerosis*

- "The potential use of phytoestrogens in the regulation of the cellular antioxidant defense system under glucose stress" - Eilat, Israel.

Feb. 2009 *The 5th Migal Conference*

- "The effect of Glabridin (phytoestrogen from licorice root, *Glycyrrhiza glabra*) on the regulation of the Paraoxonase 2 enzyme in macrophage and monocyte cells under chronic glucose stress" - Tel-Hai Academic College, Israel.

Feb. 2008 *ILANIT / FISEB. Federation of all the Israel Societies for Experimental Biology Conference*

- "The potential use of a phytoestrogen in circumventing the loss of estrogen protective functions" - Eilat, Israel.

Oct. 2010 *The 1st Biomedical Conference*

- "The effect of Glabridin on the regulation of the Paraoxonase 2 enzyme under glucose stress" - Tel-Hai Academic College, Israel.

Feb. 2011 *ILANIT / FISEB. Federation of all the Israel Societies for Experimental Biology Conference*

- "Glabridin, a phytoestrogen from licorice root, up-regulates paraoxonase 2 under glucose stress" - Eilat, Israel.

Feb. 2012 *The 8th Migal Conference*

- "Maternal saturated fatty acid diet during pregnancy increases the risk for the development of cardiovascular disease in the mouse offspring" - Gonen, Israel.

Feb. 2014 *ILANIT / FISEB. Federation of all the Israel Societies for Experimental Biology Conference*

- "The Effect of a Glabridin Supplement on the Antioxidant Defense System in Mouse Offspring of Mothers Fed a Saturated Fatty Acid" - Eilat, Israel.

Aug. 2016 *The 8th Biennial Conference of EARLI SIG 1: Assessment & Evaluation*

- "The question of the effectiveness of the pre-academic program: Evaluation study" - Munich, Germany.

Publications:

Ph.D. thesis:

Title: Effect of glabridin, an isoflavan from licorice root, on the antioxidant defense system and anti-atherogenic factors under high glucose, in vitro and in vivo

Date of submission: February 2016

Number of Pages: 83

Language: English

Name of Supervisor: Prof. Zecharia Madar and Prof. Snait Tamir

University: The Hebrew University of Jerusalem

Articles in refereed journals:

- **Yehuda, I.**, Madar, Z., Szuchman-Sapir, A., & Tamir, S. (2011). Glabridin, a phytoestrogen from licorice root, up-regulates manganese superoxide dismutase, catalase and paraoxonase 2 under glucose stress. *Phytother Res*, 25(5): 659-667.
- **Yehuda, I.**, Madar, Z., Leikin-Frenkel, A., & Tamir, S. (2015). Glabridin, an isoflavan from licorice root, down-regulates iNOS expression and activity under high glucose stress and inflammation. *Mol Nutr Food Res*, 59(6): 1041-52.
- **Yehuda, I.**, Madar, Z., Leikin-Frenkel, A., Szuchman-Sapir, A., Magzal F., Markman G., & Tamir, S. (2016). Glabridin, an isoflavan from licorice root, up-regulates paraoxonase 2 expression under hyperglycemia and protects it from oxidation. *Mol Nutr Food Res*, 60(2): 287-99.
- **Sasson, I., Yehuda, I.**, & Malkinson, N. (2018) Fostering critical thinking and question-posing skill in an innovative learning environment. *Thinking and Creativity* (in press).

Articles in preparation:

- Sasson, I., & **Yehuda, I.** Systematic classroom observations as a tool for assessing pedagogical practices. *Studies in Educational Evaluation* (Under review).

Miscellaneous:

- Participated in several educational projects in the community:
 - Perach project (3 years) – training children that require academic and emotional assistance.
 - Leshem (2 years) – training students with learning disabilities.
 - Leumi Acharai (1 year) – providing educational promotion to high school students that were struggling with the matriculation exams.

References:

- Hanoch Slor, Full Professor, Tel-Hai Academic College, Upper Galilee, Zip code 12210 Cell: 052-8222832 Email: hslor@post.tau.ac.il
- Snait Tamir, Associate Professor, Tel-Hai Academic College, Upper Galilee, Zip code 12210 Cell: 050-6361859 Email: snait@telhai.ac.il
- Karen Jackson, Senior Lecturer, Tel-Hai Academic College, Upper Galilee, Zip code 12210 Cell: 050-3040813 Email: karen@migal.org.il
- Doron Goldberg, Senior Lecturer, Tel-Hai Academic College, Upper Galilee, Zip code 12210 Cell: 050-7214731 Email: goldberg@migal.org.il
- Irit Sasson, Senior Lecturer, Tel-Hai Academic College, Upper Galilee, Zip code 12210 Cell: 054-6780082 Email: iritsa@telhai.ac.il