Name: Lili Nimri **Date: 6.7.26**

CURRICULUM VITAE

1. Personal Details

Personal status: Married+2

Electronic Address: Lili.nimri@gmail.com, lilinim@telhai.ac.il

2. Higher Education

A. Undergraduate and Graduate Studies

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
2011-2016	The Robert H. Smith Faculty of Agriculture, Food and Environment. The Hebrew University of Jerusalem. The Department of Biochemistry, Food Science and Nutrition	PhD	2017
2008-2011	The Robert H. Smith Faculty of Agriculture, Food and Environment. The Hebrew University of Jerusalem. The Department of Biochemistry, Food Science and Nutrition	M.Sc. (Magna cum laude)	2011
2004 - 2007	The Robert H. Smith Faculty of Agriculture, Food and Environment. The Hebrew University of Jerusalem. The Department of Biochemistry, Food Science and Nutrition	B.Sc. (Magna cum laude)	2007

Post-Graduate Nutritional Qualifications

2010: Certified Clinical Dietitian, License No. 11-104041, issued by the Ministry of Health, Israel.

B. Post-Doctoral Studies

Period of Study	Name of Institution, Department and Host	Degree	Year of Completion
2019-2021	MIGAL-Galilee Research Institute, Laboratory of Nutrition and Human Health. Prof. Snait Tamir and	Post doctorate	2021
January 2017-December 2017	Technion -Israel Institute of Technology, Rappaport Faculty of Medicine. The Lipid Research Laboratory. Prof. Michael Aviram.	Post doctorate	2017

3. <u>Academic Ranks and Tenure in Institutes of Higher Education</u>

Dates	Name of Institution and Department	Rank/Position
2018 – present	Department of Nutritional Sciences, Tel-Hai University of Kiryat Shmona in the Galili	Lecturer
2019-2021	MIGAL-Galilee Research Institute, Laboratory of Nutrition and Human Health. Prof. Snait Tamir and Dr. Omer Horovitz	Post doctorate

January 2017-December 2017	Technion -Israel Institute of Technology, Rappaport Faculty of Medicine. The Lipid Research Laboratory. Prof. Michael Aviram.	Post doctorate
2017-2018	Department of Nutritional Sciences, Tel-Hai University of Kiryat Shmona in the Galili	Teaching instructor
2008-2013	The Robert H. Smith Faculty of Agriculture, Food and Environment. The Hebrew University of Jerusalem. The Department of Biochemistry, Food Science and Nutrition	Teaching assistance

4. Scholarly Positions and Activities:

2025-present, Member of the Ethics Committee, Tel-Hai University of Kiryat Shmona in the Galili, Israel.

2021-present, Co-supervisor for MD interns, guiding their research and clinical project development at Saint Vincent de Paul Hospital – Nazareth, Israel.

2020-present, Member of the Helsinki Committee at Saint Vincent de Paul Hospital – Nazareth, Israel.

2024-2026, Reviewer of MSc research proposals (n=2) and MSc thesis (n=1), Ariel University.

5. Membership in academic forums:

2026, Reviewer at *Clinical Nutrition Open Science* journal

2020-preasent, Member in The Nestlé Nutrition Institute forums

2009-present, Member in the Israeli Dietitians Association "ATID"

2022, Reviewer at *Frontiers in Nutrition* journal

2015- 2016, Member in the Keystone Society.

2014- 2015, Member in the European Association of Cancer Research (EACR) Society.

6. Participation in Scholarly Conferences

Active Participation

1.International conferences:

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2025	The 12th International Conference in Nutrition and Growth (N&G).	Athens, Greece	The Association of Maternal Prenatal Mood and Mediterranean Diet Adherence with Meconium Microbiota	Presenter at E-Poster Discussion Session
2023	International Conference in Nutrition and Growth (N&G).	London, UK	Energy Drink Consumption Among Israeli-Arab Adolescents- Physiological and Psychological Outcomes	Poster presenter
2020	European academy of pediatrics societies (EAPS) conference.	Barcelona, Spain	The consequences of COVID 19 pandemic quarantine on weight, lifestyle and mood among children in Israel.	Poster presenter
2020	European academy of pediatrics societies (EAPS) conference.	Barcelona, Spain	The associations between nutritional habits, psychological status, lifestyle and wellbeing among Israeli-Arab Adolescence.	**Invited lecture**
2015	The Keystone Conference.	Vancouver, Canada	Mechanisms linking obesity to altered metabolism in colon carcinogenesis.	Poster presenter
2014	European Association of Cancer Research (EACR) Conference	Munich, Germany	Mechanisms linking obesity to altered metabolism in murine colon carcinogenesis.	Poster presenter

2.Local conferences:

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2026	ATID conference 2026	Ramat Gan, Israel	From Pregnancy to Early Childhood: Maternal Prenatal Mood and Mediterranean Diet Adherence in Relation to Meconium Microbiota and Child Health	**Invited lecture**
2019	The 17th conference on Preventive nutrition	Ramat Gan, Israel	"Nutrition in Community" program at Tel-Hai college: Conclusions and future plans.	**Invited lecture**
2012	The 3RD International Conference on the "Olive Oil Revolution Quality, Culinary and Health	Nazareth, Israel	Olive Oil as a Basic Ingredient in the Arab Israeli Diet, why should we add olive oil to our diet?	**Invited lecture**
2010	The Annual Convention of The Israel Medical Association - The Society for Clinical Nutrition. The Israel Branch of ESPEN: European Society of Clinical Nutrition	Tel-Aviv, Israel	The Role of Caveolin-1 and Raft-associated MMPs in the Regulation of the Metastatic Ability of Human Colon Cancer Cells.	**Invited lecture**

7. Research Grants

a. Grants Awarded

Role in Research	Co-Researchers	Topic	Funded by/ Amount	Year
PI	Elias Nasrallah (M.D) Prof. Omer Horovitz	Maternal Mood and Nutrition during Pregnancy and Their association to pregnancy outcomes at birth: A Longitudinal Study among Women from the Arab Society in Israel	Internal Grant: Collaboration between Tel-Hai University of Kiryat Shmona in the Galili and Saint Vincent de Paul Hospital	2023-2025
PI	Elias Nasrallah (M.D) Prof. Omer Horovitz Faiga Magzal PhD	The Association between maternal prenatal psychological stress and diet pattern with meconium infant bacterial profiles, growth indices, and metabolite profiles in umbilical cord blood.	Internal grant - Tel-Hai University of Kiryat Shmona in the Galili	2021-2023
Co- PI	Prof. Omer Horovitz (PI)	Energy Drink Consumption among Israeli-Arab Adolescents	Internal grant- Tel-Hai University of Kiryat Shmona in the Galili	2019-2020

8. Submission of Research Proposals – Not Funded

Role in Research	Co-Researchers	Topic	Funded by	Year
PI	Abigail Navarro PhD	HEART: Healthy Exercise and Antenatal Training for Cardiovascular Health in Pregnancy	March of Dimes 2026 Discovery Research Grants.	2025
PI	Itamar Yehuda PhD Ghadir Elias-Assad MD.	Culturally Adapted Digital Monitoring for Childhood Obesity: Real-Time Tracking of Intervention Progress and Outcomes	Dalia and Eli Hurvitz Foundation Ltd	2025
PI	Itamar Yehuda PhD Ghadir Elias-Assad MD.	Culturally Adapted Digital Monitoring for Childhood Obesity: Real-Time Tracking of Intervention Progress and Outcomes	Einstein Foundation Early Career Award	2025
PI	Itamar Yehuda PhD Ghadir Elias-Assad MD.	Culturally Adapted Digital Monitoring for Childhood Obesity: Real-Time Tracking of Intervention Progress and Outcomes	Internal grant in collaboration between Tel-Hai Academic College and the Shamir Institute	2025
PI	Itamar Yehuda PhD Prof. Nael Elias, MD, MPH, MHA,	School-Based Intervention to Reduce Energy Drink Consumption Among Arab Adolescents in Israel	Conservation, Food & Health Foundation	2025
Co-PI	Prof. Patrizia Brigidi Prof. Sophie Layé Faiga Magzal PhD (PI)	Personalized lifestyle for the prevention of undernutrition	ERA-HDHL (Development of targeted nutrition for prevention of undernutrition	2020

			for older adults - PREVNUT)	
Co-PI	Prof. Snait Tamir Prof. Omer Horovitz Jamil Andrawes (M.D.) Faiga Magzal PhD (PI)	Can a personalized dietary intervention reduce stress and anxiety in adolescents by gut microbiota and inflammation mechanisms?	Waterloo Foundation	2020
PI	Prof. Snait Tamir Prof. Omer Horovitz Bshara Mansour (M.D.) Faiga Magzal PhD	The effect of energy drink consumption on the acute physiological and psychological responses of Israeli Arab adolescents.	Nutricia research foundation	2020
PI	Prof. Omer Horovitz (PI) Prof. Snait Tamir (PI)	A novel tailored personal nutritional intervention in the tight interplay between eating habits and psychological affective symptoms: in search for a possible microbiota dependent mechanis m	ISF	2020
PI	Prof. Omer Horovitz (PI)	A novel individual-tailored nutritional intervention in the tight interplay between eating habits and psychological affective symptoms: in search for a possible microbiota dependent mechanism	ISF	2019

9. Scholarships, Awards and Prizes

2025: Best Poster Award, National Conference on Reducing Health Disparities in the Arab Population, Israel. Poster title: "*The Role of Digital Tools in Monitoring Obesity Interventions in Children: Real-time Assessment of Progress and Outcomes*".

2024: Internal Award – from "Gender equity" unit in Tel-Hai Academic collage

2023: Internal Award– from "Gender equity" unit in Tel-Hai Academic collage

2022: Award from Israel Society for Clinical Pediatrics

2019-2021: Zvi Yanai scholarship for post-doc fellows from the Arab society in Israel.

2018: Outstanding Lecturer Certification in the Nutrition Sciences Department, Tel-Hai Academic College.

2017: The Dimitris N. Chorafas Foundation Prize in Life Science and Medicine

2013-2016: Planning and Budgeting committee scholarship for excellent PhD. Students from the Arab society in Israel.

2013-2015: Robert H. Smith's scholarship for excellent PhD. students from The Robert H. Smith Faculty of Agriculture, Food and Environment. The Hebrew University of Jerusalem.

2012-2016: Ariane de Rothschild scholarship for excellent PhD. female students.

2012: Na'amat organization grant for PhD. female students.

2008-2011: Honors Scholarship for master's degree students, The Hebrew University of Jerusalem.

2008-2009: **Grant provided by the Baden-Württemberg Stiftung (formerly Landesstiftung)**. Research stay at the University of Hohenheim during October 2008-February 2009, supervised by Prof. Dr. Lutz Graeve (UHOH Institute of Biological Chemistry and Nutrition) and Prof. Dr. Betty Schwartz (HUJI Dept. of Biochemistry, Food Science and Nutrition).

2007: Dean's Honors list. The Hebrew University of Jerusalem.

10. Teaching

a. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
2018-present	Dietetics and practical Dietetics	Lecture + Workshops lecturer and coordinator of the practical course	B.Sc.	50-80
2019-present	Healthy Human's Nutrition	High Learning Course Course coordinator + lecturer	B.Sc.	50-80
2017-2023	Scientific writing and informatics	High Learning Course Course coordinator + lecturer	B.Sc.	15-20
2023	Nutrition in Community	Workshops Course coordinator	B.Sc.	15-20
2017-2022	Nutrition in Community	Lecture + Workshops Course coordinator	B.Sc.	50-80
2011 - 2013	Human Nutrition lab	Lab Teaching assistance	B.Sc.	20-30
2011-2013	Human Nutrition	Workshops Teaching assistance	B.Sc.	20-30
2008-2013	Nutrition education programs	Workshops Teaching assistance	B.Sc.	6
2008-2010	Human's anatomy and physiology laboratory	High Learning Course Teaching assistance	B.Sc.	20-25

11. Supervision of Graduate Students

Name of Student	Title of Thesis	Degree	Date of Completion / in Progress
Ariana Cohen **Supervising in collaboration with Prof. Amit Assa**	The effect of Mediterranean diet on mucosal inflammatory activity in children and young adults with quiescent Crohn's disease on biologic therapy	MSc	(Started in October 2025)
Najwan Shamshoum Khoury **Co-Supervising in collaboration with Prof. Mona Boaz and Dr. Daniela Abigail Navarro Moreno**	The Influence of Combined Perinatal Intervention on Infant Growth, Microbiome Development, and Early Breastfeeding Outcomes	PhD	(Started in October 2025)
Maxim Kikos **Supervising in collaboration with Dr. Iyad Jahshan M.D. (Gynecologist) and Prof. Omer Horovitz**	The Effect of Prenatal Workshops Including Physical Activity on Maternal Stress, Delivery Outcomes, Breastfeeding,	MSc.	in Progress (Started in October 2024)

	and Infant Health		
Ofek Harel **Supervising in collaboration with Dr. Ghadir Elias-Assad, M.D. (Endocrinologist) and Prof. Omer Horovitz**	The role of digital tools in monitoring obesity interventions in children – Real-time assessment of progress and outcomes.	MSc.	in Progress (Started in October 2024)
Shir Kaski Hazan **Supervising in collaboration with Prof. Omer Horovitz**	Maternal Mood, Pregnancy Diet, and infant Health by Age Two: Follow-up Cohort Analysis	MSc.	Submitted
Vivian Bshara **Supervised in collaboration with Prof. Omer Horovitz**	Maternal Mood and Nutrition during Pregnancy and Their association to pregnancy outcomes at birth: A Longitudinal Study among Women from the Arab Society in Israel	MSc.	June 2024
Gilad Naveh **Supervised in collaboration**	Energy drinks consumption among Israeli-Arab adolescents living in Northern	MSc.	May 2023

with Prof. Omer Horovitz	Israel and its impact on their physiological and psychological responses		

12. Supervision of undergraduate Students

Name of Student	**Title of project**	**Degree**	**Date of Completion / in Progress**
Lutan Peretz	The effect of energy drinks consumption on acute physiological and psychological responses of Israeli Arab adolescents – Cytokines and Metabolites analysis	BSc.	March 2025
Eden Lavi	The association between maternal mood during pregnancy and pregnancy outcomes among women from the Arab society in Israel, with a focus on prolactin levels in umbilical cord	BSc.	July 2024

	blood and anthropometric measurements in infants.		

13. Miscellaneous

13.1 Digital Health Application (Childhood Obesity):
Development of a culturally tailored digital health intervention for childhood obesity in the Arab population, integrating monitoring, nutritional guidance, and behavioral support.

13.2 Patent:

Ostreolysin, functionally related variant thereof, extract comprising Ostreolysin and uses thereof (Co-Inventor). Patent No. 15731729.8-1466 PCT/IL2015/050283.

14. Relevant Experience and Skills

A. ***Clinical Trails:*** Formulating research questions, designing and implementing studies, developing study protocols, ensuring compliance, managing study logistics, data management, analyzing and interpreting results, mentoring students and researchers, recruiting participants, and conducting glucose tolerance tests (GTT) and performing biological sample analyses, including blood-based metabolite and cortisol assessments, as well as stool microbiome profiling.

B. ***in vitro:*** Cell culture experience (especially worked with colon cancer cells, white and brown adipocytes, preadipocytes and with macrophages), Seahorse XF24 and XF96, FACS, Co- culture assay, Invasion assay, ELISA, MTT assay, DCFH-DA assay, cholesterol and triglyceride mass quantification, cholesterol efflux, influx and biosynthesis and triglycerides biosynthesis and degradation, Western Blot, Stable transfection, PCR, Real time- PCR, Mitochondrial assays, Immunostaining, cell fractioning by sucrose gradients, Wound assay, Adhesion assay, Two-dimensional gel electrophoresis, Transformation of bacteria, DNA restriction,

C. ***in vivo:*** Mouse care including: Sub-Cutaneous and intraperitoneal injections, AOM induced colon cancer in mice, Tumor extraction, Tumor volume measurements, DSS induced IBD in mice, High and low-fat diet experiments, Glucose Tolerance test (GTT), white and brown adipose tissue extraction.

15. Professional Experience

2011–2013: Freelance independent dietitian, specializing in pediatric and adolescent nutrition – Clalit Healthcare Services, Jerusalem.

2010–2013: Clinical dietitian, Meuhedet Healthcare Services – Rehovot, Ramla, Talmei Menashe, and Segev Shalom (serving all sectors).

2011: Nutrition guide for the Arab sector in Ramla, in collaboration with the Ashalim Association.

2010–2011: Dietitian and supervisor of dietetic interns in the Babies' department, Children's department, and Pediatric Intensive Care Unit at Kaplan Hospital, Rehovot.

16. PUBLICATIONS

H- index: 9 Total Citations: 370

A. Ph.D. Dissertation

Mechanisms linking obesity to altered metabolism in colon carcinogenesis. The thesis was supervised by Prof. Betty Schwartz and Dr. Einav Yehuda Shnaidman, Institute of Biochemistry, Food Science and Nutrition, The Robert H. Smith Faculty of Agriculture Food and Environment, The Hebrew University of Jerusalem. **Date of Degree Conferral:** September 2017. **Thesis Language:** English. **Total Number of Pages:** 189.

B. Publications

1. Elias Nasrallah, Vivian Bishara†, Giorgia Procaccianti†, Shir Hazan, Iyad Jahshan, Faiga Magzal, Adi Sharabi Nov, Federica D'Amico, Hussam Omari, Omer Horovitz, Nael Elias, Silvia Turroni and **Lili Nimri.** Association of maternal prenatal mood and Mediterranean diet adherence with meconium microbiota and child health outcomes by age two. **Under review in *European Journal of Nutrition*.**

2. Even C, D'Amico F, Andrawes J, Marie A, Mansour Kassabri A, Elias N, **Nimri L**, Horovitz O, Karsh N, Musa S, Tamir S, Turroni S, and Magzal F. Alterations in Gut-Brain Axis Metabolites, Gut Microbiota and Improved Adaptive Behavior Following TABAM Intervention in Children with Autism Spectrum Disorder: A Pilot Study. **Under review in *Scientific Reports*.**
3. Eden Lavi, Daniela Abigail Navarro**,** Elias Nasrallah**,** Naveh Gilad, Vivian Bishara and **Lili Nimri.** The Association Between Maternal Mood and Nutrition During Pregnancy, Prolactin Levels in Umbilical Cord Blood, and Infant Growth. **In preparation.**
4. Ghader Assad Elias, Najwan Shamshoum Khoury**,** Steckler Rafi, Sagd Abas **Lili Nimri.** The Role of Short-Chain Fatty Acids (SCFAs) in Type 1 Diabetes**. In preparation.**
5. **Nimri L**, Zohar L, Horovitz O. Impact of dietary fats on mental health: Omega-3, saturated, and trans fats in a healthy Israeli population. *Food and Humanity* 2024; 3:100407. DOI: org/10.1016/j.foohum.2024.100407. (2 citations, Journal IF=2.22, Q2 in Food Science).
6. Naveh G†, Mansour B†, Bader M, Steckler R, Nasrallah E, Hujeyrat H, Magzal F, Elias N, Horovitz O and **Nimri L.** Physiological Impacts of Energy Drink Consumption: A Clinical Analysis in Adolescents. *Nutrients* 2024; 16(14):2328. DOI: 10.3390/nu16142328. (1 citations, Journal IF=5.8, Q1 in Nutrition and Dietetics)
7. **Nimri L**†, Mansour B†, Benhos A, Banna A, Nasrallah E, Sackran M, Abu Ahmad A, Ardi Z, and Horovitz O. Energy Drink Consumption among Israeli-Arab Adolescents: Gender Differences in Anxiety and Well-being. *Public Health Challenges* 2024; 3:e187. DOI: 10.1002/puh2.187. (2 citations, Journal IF=2.22, Q2 in Food Science).
8. **Nimri L,** Peri I, Yehuda-Shnaidman E, Schwartz B. Adipocytes Isolated from Visceral and Subcutaneous Depots of Donors Differing in BMI Crosstalk with Colon Cancer Cells and Modulate their Invasive Phenotype. *Translational Oncology* 2019; 12(11):1404-1415. DOI: 10.1016/j.tranon.2019.07.010. (11 citations, Journal IF=4.5, Q1 in Oncology).
9. **Nimri L,** Claudia Grajeda-Iglesias, Nina Volkova, and Michael Aviram. Pro - atherogenic and pro - oxidant crosstalk between adipocytes and macrophages.

European Journal of Nutrition 2019; 58(2):879-893. DOI: 10.1007/s00394-018-1729-7. (4 citations, Journal IF=4.1, Q2 in Nutrition and Dietetics).

10. **Nimri L**, Solodki K, Peri I, Yehuda-Shnaidman E, Schwartz B. Ostreolysin induces browning of adipocytes and ameliorates hepatic steatosis. *Journal of Gastroenterology and Hepatology* 2018; 33(12):1990-2000. DOI: 10.1111/jgh.14259. (9 citations, Journal IF=3.7, Q2 in Gastroenterology & Hepatology).
11. Oren T, **Nimri L**, Yehuda- Shnaidman E, Staikin K, Hadar Y, Friedler A, Amartely H, Slutzki M, Pizio AD, Niv MY, Peri I, Graeve L, Schwartz B. Recombinant ostreolysin induces brown fat-like phenotype in HIB-1B cells. *Molecular Nutrition & Food Research* 2017; 61(9). DOI: 10.1002/mnfr.201700057. (8 citations, Journal IF=4.5, Q1 in Food Science and Technology).
12. **Nimri L**, Spivak O, Tal D, Schälling D, Peri I, Graeve L, Salame T-M, Yarden O, Hadar Y, Schwartz B. A recombinant fungal compound Ostreolysin, induces anti-proliferative and pro-apoptotic effects on colon cancer cells. *Oncotarget.* 2017; 8 :28854-28864. doi: 10.18632/oncotarget.15859. (20 citations, Journal IF=5.1, Q1 in Oncology at the time of publication).
13. **Nimri L,** Saadi J, Peri I, Yehuda-Shnaidman E, Schwartz B. Mechanisms linking obesity to altered metabolism in mice colon carcinogenesis. *Oncotarget*. 2015; 6:38195-209. DOI: 10.18632/oncotarget.5561. (33 citations, Journal IF=5.1, Q1 in Oncology at the time of publication).
14. Yehuda-Shnaidman E, **Nimri L**, Tarnovscki T, Kirshtein B, Rudich A, Schwartz B. Secreted human adipose leptin decreases mitochondrial respiration in HCT116 colon cancer cells. *PLoS One* 2013; 8:e74843. DOI: 10.1371/journal.pone.0074843. (28 citations, Journal IF=2.9, Q1 in Multidisciplinary Science).
15. **Nimri L**, Barak H, Greave L, Schwartz B. Restoration of caveolin-1 expression suppresses growth, membrane-type-4 metalloproteinase expression and metastasis-associated activities in colon cancer cells. *Molecular Carcinogenesis* 2013; 52:859-70. DOI: 10.1002/mc.21927. (44 citations, Journal IF=3, Q2 in Oncology and Q3 in Biochemestry & molecular Biology).

16. Lavi I, **Nimri L**, Levinson D, Peri I, Hadar Y, Schwartz B. Glucans from the edible mushroom Pleurotus pulmonarius inhibit colitis-associated colon carcinogenesis in mice. *Journal of Gastroenterology* 2012; 47:504-18. DOI: 10.1007/s00535-011-0514-7. (75 citations, Journal IF=6.9, Q1 in Gastroenterology & Hepatology).
17. Lavi I, Levinson D, Peri I, **Nimri L**, Hadar Y, Schwartz B. Orally administered glucans from the edible mushroom Pleurotus pulmonarius reduce acute inflammation in dextran sulfate sodium-induced experimental colitis. *British Journal of Nutrition* 2010; 103:393-402. DOI: 10.1017/S0007114509991760. (92 citations, Journal IF=3, Q2 in Nutrition and Dietetics).

† - equal contribution

Full Bibliography: My Bibliography - NCBI

Link to: Lili Nimri - Google Scholar