**CURRICULUM VITAE AND LIST OF PUBLICATIONS**

# 1. Personal Details

Family name, first name: ​ **Magen Eli**

I.N. 310655246

Date and place of birth: 30.12.1965, Kutaisi, Georgia, USSR

Date of immigration; 05.01.1993

Address: Zionut 21/33, Ashdod

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ORCID iD 0000-0002-7713-423X

# 2. Academic Education

## M.D.

**1982 - 1988**,

Crimea Medical University, Medical Faculty, Simferopol, USSR

MD Thesis: “Anxiety and depressive symptoms and risk of new cardiovascular events in survivors of myocardial infarction”.

Instructor: Professor Ziablova LN, MD, PhD.

# 3. Professional Training

1995- 1999 ​**Residency in Internal Medicine**, Barzilai Medical Center, Medicine B Department, Ashkelon, Israel.

2000– 2002 ​**Fellowship in Allergy and Clinical Immunology**, Allergy and Clinical Immunology Unit, Kaplan Medical Center, Rehovot, Israel.

2002 – 2003 ​**Fellowship in HIV/AIDS medicine**, AIDS Center, Ruth Ben Ari Institute of Clinical Immunology, Kaplan Medical Center, Rehovot, Israel.

**Educational seminars:**

1997 - Advanced Trauma Life Support (ATLS) Israeli Defense Army

1. - European Summer School in Internal Medicine. Spain, Alicante
2. - European Summer School in Hypertension, Prague

# 4. Board Certification

1998 - The Israeli Board of Internal Medicine (Parts A+B)

2002 - The Israeli Board of Allergy and Clinical Immunology (Parts A+B)

# 5. Professional Licensing

1995 - Medical License – L.N. 27760

1997 - Advanced Trauma Life Support (ATLS) certificate

2000 - Internal Medicine Specialty License, L.N. 17571

2003 - Allergy and Clinical Immunology Specialty License, L.N. 19971

# 6. Employment History

1989 - 1993 Physician, Intensive Care and Anesthesiology Department, Railway Medical Center, Kutaisi, USSR.

1994 Physician, Homecare Unit, Clalit Heath Services, Rishon Lezion, Israel.

1994 - 1995 Physician, Cardiology Department, Barzilai Medical Center, Ashkelon, Israel

1995 - 2000 Resident physician, Internal Medical B Department, Barzilai Medical Center, Ashkelon, Israel

2000 - 2003 Fellow Physician, Allergy and Clinical Immunology Unit, AIDS Center, Ruth Ben Ari Institute of Clinical Immunology, Kaplan Medical Center, Rehovot, Israel.

2003 - 2005 Senior Physician, Allergy and Clinical Immunology Unit, AIDS Center, Ruth Ben Ari Institute of Clinical Immunology, Kaplan Medical Center, Rehovot, Israel

2005 - 2016 Senior Physician, Internal Medical B Department, Barzilai Medical Center, Ashkelon, Israel

2008 - 2015 Head of Allergy and Clinical Immunology Services, Barzilai Medical Center, Ashkelon, Israel

2013 - 2016 Region Medical Director, Chief Physician, South region, Leumit Health Services, Israel

2017 – Current:​ Head of Medicine C Department and Clinical Immunology & Allergy Division, Barzilai University Medical Center, Ashkelon, Israel

# 7. Academic Appointments

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2007- ​**Lecturer** in Medicine, Faculty of Health Sciences, Ben Gurion University of the Negev, Israel

2011- ​**Senior Lecturer** in Medicine, Faculty of Health Sciences, Ben Gurion University of the Negev, Israel

2017- Current: ​ **Associate Professor** of Medicine, Faculty of Health Sciences, Ben Gurion University of the Negev, Israel

\*2019 - Current: **Visiting professor** at Tbilisi State Medical University (TSMI), an international program - American MD (Doctor of Medicine) program with Emory University School of Medicine (ESOM) - Atlanta, USA.

# 8. Editor or Member of Editorial Board or Reviewer of Scientific or Professional Journal

**Member of Editorial Boards**

1. 2011 – Current: World Journal of Gastroenterology​- Member of the Editorial Board (Immunology section)
2. 2019 – Current: Allergy and Asthma Proceedings - Member of the Editorial Board

**Reviewer in the international scientific peer review journals**

2012 - Current Annals of Allergy and Clinical Immunology

2012 - Current International Archives of Allergy and Immunology

2011 - 2018 The Journal of the American Board of Family Medicine

2008 - 2019 The American Journal of Medical Sciences

2013 - 2019 Indian Journal of Medical Sciences

1. - Current The International Journal of Dermatology
2. - Current Clinical and Experimental Dermatology

2011 - Current Helicobacter

1. – Current Allergy and Asthma Proceedings
2. – Current Journal of the American Academy of Dermatology
3. – Current Clinical & Translational Immunology
4. – 2019 American Journal of Rhinology & Allergy

2015 – 2019 Journal of the European Academy of Dermatology and Venereology

1. – Current Clinical & Experimental Immunology
2. – Current British Journal of Dermatology
3. – 2018 Frontiers in Pharmacology

2017 – Current Frontiers in Immunology

2018 - Current The Journal of Allergy and Clinical Immunology: In Practice

2018 – Current Journal of Clinical Immunology

2019 – Current Clinical and Experimental Immunology

2020 - Current Future Microbiology

# 9. Membership in Professional/Scientific Societies

1999 - Current Israeli Society of Internal Medicine

1. - 2013 American Society of Hypertension
2. - 2013 European Society of Hypertension

1998 - Current Israeli Society of Hypertension

2002 - Current Israeli Society of Clinical Immunology and Allergy

1. - Current American Society of Clinical Immunology and

Allergy

1. - Current European Society of Clinical Immunology and

Allergy

2019 -Current \* World Allergy Organization (WAO)

WAO: Skin Allergy-Urticaria & HAE Committee

Member

**10. Educational Activities**

**Courses taught**

2000 - 2001 Basic allergy and immunology - Kaplan Medical Center, School of Nursing

2000 - 2003 Decision making in Internal Medicine --- Kaplan Medical Center, Medical School for Emigrant Physicians

2002 - 2002 HIV and AIDS --- Seminar for medical personnel of Israeli Defense Army.

2001 - 2005 HIV and AIDS Medicine - For Medical Students of Hebrew University, Hadassa Medical School

2004 - 2010 Primary and secondary immunodeficiencies --- Ben Gurion University of the Negev, Faculty of Family Medicine, Course for Family Physicians

2013 - 2016 Seminars in internal medicine. Leumit Health Services, Israel

2012 – 2019 Seminars in allergology and clinical immunology for primary care physicians. Leumit Health Services, Israel

2016 - 2020​ Clinical rounds in internal medicine, 5th and 6th year Israeli

Medical students from the medical faculties of Hungary

(Budapest and Debrecen Universities) and Poland

(Katowice University).

* Bedside teaching – the development of competence in history taking, clinical examination, interpretation and selection of diagnostic tests, as well as diagnosis and decision making skills, observe students' skills and clinical thinking.

2015​– 2021**​** Immunology course for 2nd year medical students from

Medical faculty of Ben Gurion University of the Negev,

* Immunological hypersensitivity and autoimmunity,
* Tumor immunology and immunotherapy,
* Clinical discussions in small groups

2017 - 2021​ Clinical rounds in internal medicine, 4th and 6th year

Medical students from Medical faculty of Ben Gurion

University of the Negev.

* Bedside teaching – the development of competence in history taking, clinical examination, interpretation and selection of diagnostic tests, as well as diagnosis and decision making skills.
* Patient based teaching and clinical teaching - to provide active learning in real context, observe students' skills and professional thinking, integrate clinical, problem solving, decision making and ethical skills.
* Internal examiner for MD students.
* Writing of courseware for MD students

**Research students (B.Sc)**

2006 Jacov Gulst (Biotechnology, BSc) "Complement C3 activation and systemic low-grade activation in arterial hypertension" – Sapir Academic college.

Instructor: Eli Magen, MD. Barzilai University Medical Center.

1. Maria Litvinov (Biotechnology, BSc) "Complement C3 activation and systemic low-grade activation in arterial hypertension" – Sapir Academic college. Instructor: Eli Magen, MD. Barzilai University Medical Center.
2. Katya Kanov (Biotechnology, BSc) "Basophil-platelet interactions in chronic autoimmune urticaria" – Sapir Academic College. Instructor: Eli Magen, MD.

Barzilai University Medical Center.

2007 Darya Uretsky (Biotechnology, BSc) "Basophil-platelet interactions in chronic autoimmune urticaria" – Sapir Academic College. Instructor: Eli Magen, MD.

Barzilai University Medical Center.

**Research students (M.D; Basic Science thesis)**

1. Diskin Asya (MD, Basic Sciences thesis) – "Effects of statin preatreatment on brain infarction volume in ischemic CVA" – Radiology Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.
2. Paskin Janna (MD, Basic Sciences thesis) – "Blood levels of complement C3 and C-reactive protein in resistant arterial hypertension" - Geriatric Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.
3. Minz Evgeny (MD, Basic Sciences thesis)​ - ​"Circulating endothelial progenitor cells and th1/th2/th17-related cytokines in resistant hypertension"​ - Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.
4. Chernyavsky Alexey (MD, Basic Sciences thesis)​– "​Correlation between the circulating endothelial progenitor cells and endothelial function in resistant hypertension​" - ​Radiology Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.
5. Isakovich Sima (MD,​ ​Basic Sciences thesis) – "T regulatory cells (Tregs) in arterial hypertension​"- Radiology Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.
6. Shkil Andrey (MD, Basic Sciences thesis) – "Circulating endothelial progenitor cells and endothelial dysfunction in multiple sclerosis"- Neurology Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2012​ Liapis Viktor ((MD, Basic Sciences thesis) – "Antihistamines influence on autologous serum skin test in autoimmune urticaria". Radiology Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2013​ Shkil Natalya (MD, Basic Sciences thesis) – "Clinical and laboratory features of chronic idiopathic urticaria in the elderly". - Geriatrics Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2014 Kolontaevsky Svetlana (MD, Basic Sciences thesis) – "Clinical features Antinuclear antibody positive chronic urticaria". - Radiology Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

Barzilai University Medical Center.

2015 ​Goldstein Natalya (MD, Basic Sciences thesis) – "Helicobacter pylori infection in patients with selective IgA deficiency". - Geriatrics Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2015 ​ Ateer Masalha (MD, Basic Sciences thesis) – "Skin autoimmune diseases in patients with selective IgA deficiency". - Dermatology Department, Soroka Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2016 ​Reem Baidussi (MD, Basic Sciences thesis) – "Efficacy of Helicobacter pylori eradication in patients with alopecia areata". - Dermatology Department, Soroka Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2016 ​ Oxana Pasitselsky (MD, Basic Sciences thesis) – "Association of dementia with early rehospitalization among geriatric patients". - Geriatrics Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2017 ​ Yulia K. (MD, Basic Sciences thesis) – "Allergic reactions to iodinated contrast agents at Barzilai Medical Center" - Radiology Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2017 ​Alla Doumash (MD, Basic Sciences thesis) – "Activation of mast cells and basophils in acute coronary syndromes" - Medicine C Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2017 ​Muhammed Sanallah​ ​(MD, Basic Sciences thesis) – "Characteristics of patients over the age of 18 to 30 who were hospitalized in the general intensive care unit due to internal diseases at the Barzilai Medical Center between 2001 and 2015" - Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD. Barzilai University Medical Center.

2018\* Samiha Berg (MD, Basic Sciences thesis) – "Acute urticaria in emergency medicine department - prospective epidemilogical study " - Medicine C Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2018\* Amir Abd Alhadi (MD, Basic Sciences thesis) – "Clinical characteristics of Israeli patients with two types of hereditary angioedema". Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2019\* Taufik Abu Amra (MD, Basic Sciences thesis) – "The epidemiological and clinical characteristics of patients with sepsis who were admitted to the General Intensive Care Unit at the Barzilai Medical Center between 2000 and 2015". Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2019\* Yosef Yosef (MD, Basic Sciences thesis) – "Isolation E.Coli ESBL + in the blood of patients hospitalized at the Barzilai Medical Center in Ashkelon, the size of the phenomenon over time with an emphasis on patient characteristics in 2017". Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2019\* Mazar Abu Arar (MD, Basic Sciences thesis) – ""The Epidemiological and Clinical Characteristics of Patients Hospitalized due to Snake bite at the General Intensive Care Unit at the Barzilai Medical Center between 2000 and 2015".. Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2019\* Zidan Arabi (MD, Basic Sciences thesis) – "The epidemiological and clinical characteristics of patients admitted to the general ICU from 2000-2015 in the diagnosis of pancreatitis". Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2020\* Krugly Nadezda (MD, Basic Sciences thesis) – "Characteristics of patients with Ventilator-Associated Pneumonia in Internal Medicine Departments". Medicine B Department, Barzilai Medical Center, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2021\* Irina Bereznichenko (MD, Basic Sciences thesis) – " Clinical correlates of leukoaraiosis" - Radiology Department, Barzilai University Medical Center; Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2021\* Alia Abu Rakhma (MD, Basic Sciences thesis) – " Clinical and immunological characteristics of patients treated with chloramphenicol at Barzilai University Medical Center " – Medicine B Department, Barzilai University Medical Center; Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2021\* Amar Abbas (MD, Basic Sciences thesis) – " Risk factors for recurrent hospitalizations in patients with pneumonia " – Medicine B Department, Barzilai University Medical Center; Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2021\* Muhammed Mallag (MD, Basic Sciences thesis) – " Clinical characteristics of vancomycin treated patients and treatment guidelines use for vancomycin at Barzilai University Medical Center " – Medicine B Department, Barzilai University Medical Center; Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2022\* Siam Sami (MD, Basic Sciences thesis) – "Eosinopenia and the incidence of autoimmune diseases: a cohort study". Leumit Health Services, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2022 \* Alla Taktarov (MD, Basic Sciences thesis) – "Eosinopenia in Chronic Spontaneous Urticaria". Leumit Health Services, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2022-2023 \* Avi Yakov (MD, Basic Sciences thesis) – "Eosinopenia and the incidence of Major Depresson: a cohort study". Leumit Health Services, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

2023 - Current \* Elena Uster (MD, Basic Sciences thesis) – "Acute spontaneous versus Chronic Spontaneous Urticaria: a cohort study". Leumit Health Services, Ben Gurion University of the Negev. Mentor: Eli Magen, MD.

**Research students (M.Sc and PhD)**

2008 - 2009 Ziona Cohen (Biology, MSc) - "Circulating endothelial progenitor cells, Th1/Th2/Th17-related cytokines, and complement system in resistant hypertension" - Immunology and microbiology Department, Ben Gurion University of the Negev. Instructors: Eli Magen, MD. Barzilai University Medical Center; Zev Sthoeger, MD. Kaplan Medical Center.

2020 – Current \* Idan Blum (Immunology, PhD) - " Association of Plasma Levels of JAM-A, CCL11, GDF11, and GDF15 with Severity of Leukoaraiosis" - Instructors: Alon Monsenego PhD, Immunology and microbiology Department, Eli Magen, MD, Barzilai University Medical Center; Ben Gurion University of the Negev.

**Research students (Postdoctoral fellowship)**

2023 - Current \* Iris Leubovotch, PhD (Immunology) – “Clinical expessions and disease course in subgroups of patients with angioedema”. Internal Medicine Division, Assuta Ashdod University Medical Center; Barzilai Iniversity Medical Center, Ben Gurion University of the Negev.

**11. Additional Functions**

**Ben-Gurion University of the Negev**

2007 -2008 Clinical Research Committee member and at the Barzilai Medical Center.

2009 – 2012 Coordinator and responsible for clinical rotations and academic teaching of the students from the medical faculties of Hungary (Barzilai Medical Center).

2015​– 2018 Writing of courseware for students and interns (Ben-Gurion University)

2015 - 2018 **-**  Organization of meetings and conferences in Medical Education at Barzilai University Medical Center.

\*2017 – Current Member of the Institutional Review Board (IRB)/Ethics (Helsinki) Committee at the Barzilai University Medical Center

\*2018 – Current Member of the Internal Medicine Division Committee for academic advancement in the Faculty of Health Sciences (Ben-Gurion University)

**\*20**18 – Current Member of the subcommittee for academic advancement in the Faculty of Health Sciences (Ben-Gurion University)

**\*** 2020 – Current**​** **Founded a fellowship in allergology and clinical**

**Immunology** at the Barzilai Medical Center in

Collaboration with the Kaplan Medical Center

**Others**

2013-2016 Medical Director of Southern Region, Chief Physician at the Leumit Health Services.

2013-2016 Chairman of the Research Committee, Leumit Health Services

2017 – Current\* Examiner at the Israeli Board of Internal Medicine (Part B examination)

2020 – Current\* Examiner at the Israeli Board of Allergy and Clinical Immunology (Part A and B examination)

2020 – Current\* Chairman of the Institutional Review Board (IRB)/Ethics (Helsinki) Committee at the Leumit Health Services

**12. Awards, Citations, Honors, Competitive Fellowships**

1. ​​ Republican award 1987 best student’s thesis – Simferopol, USSR
2. Medical students’ excellence nationwide competition award – USSR

2005 Leumit Health Services award 2005 best Physician's - Israel

2013 Leumit Health Services 2013 award for best quality measures in medicine - Israel

2015 ​ Awarded the title of Honorary Doctor (Doctor Honoris Causa) at Tbilisi State Medical University.

# 13. Scientific Publications

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## H-index - 27

Sum of the Times Cited - 3,620

Sum of Times Cited without self-citations - 3,575

## Refereed original articles in scientific journals

1. Leng Q, Bentwich Z, ​**Magen E**​, Kalencovich A, Borkow G. CTLA-4 upregulation during HIV infection: association with anergy and possible target for therapeutic intervention. ​*AIDS.* ​ 2002, 16: 519-529 (jR: 2/38, Q1, IF- 5.983, CI - 71)
2. Yosefy C, Khalamizer V, Viskoper JR, Iaina A, Manevich I, London D, Jafari J, **Magen E,** ​Wollman Y, Reisin L. Impaired nitric oxide production, brachial artery reactivity and fish oil in offspring of ischaemic heart disease patients. ​*Br J Biomed Sci.*​ 2003; 60(3):144-148. (jR: 16/26, Q3, IF – 1.179, CI - 3)
3. Yosefy C, Hay E, Ben-Barak A, Derazon H, ​**Magen E**​, Reisin L, Scharf S. BiPAP ventilation as assistance for patients Currenting with respiratory distress in the department of emergency medicine. ​*Am J Respir Med.*​ 2003; 2(4):343-347. (jR: NA, Q -NA, IF-NA, CI – 13)
4. Yosefy C, Hay E, Nasri Y, ​**Magen E**​, Reisin L. End tidal carbon dioxide as a predictor of the arterial PCO2 in the emergency department setting. ​*Emerg Med J.* 2004; 21(5):557-9. (jR: 8/11, Q3, IF – 0.681, CI - 58)
5. Yosefy C, ​**Magen E**​, Kiselevich A, Priluk R, London D, Volchek L, Viskoper RJ. Rosiglitazone improves, while Glibenclamide worsens blood pressure control in treated hypertensive diabetic and dyslipidemic subjects via modulation of insulin resistance and sympathetic activity. ​*J Cardiovasc Pharmacol.* ​ 2004; 44(2):215-222. (jR: 34/71, Q2, IF - 1.576, CI –58)
6. ​**Magen E,** Viskoper R, Mishal J, Priluk R, Berezovsky A, Laszt A, London D, Yosefy C. Resistant arterial hypertension and hyperlipidemia: atorvastatin, not vitamin C, for blood pressure control. Isr Med Assoc J. 2004 Dec; 6(12):742-746.(jR: 73/103 Q3, IF – 0.488, CI - 34)
7. ​**Magen E**​, JR. Viskoper, J. Mishal, R. Priluk, D. London, C. Yosefy. Effects of low-dose aspirin on blood pressure and endothelial function of treated hypertensive hypercholesterolaemic subjects. ​*Journal of Human Hypertension*; 2005 (7), 667-673 (jR: 22/51, Q2, IF- 2.405 CI - 45)
8. Sthoeger Z, Neiman A, Elbirt D, Zinger H, ​**Magen E**​, Burstein R, Eitan S, Abarbanel J, Mozes E. High prevalence of systemic lupus erythematosus in 78 myasthenia gravis patients: a clinical and serologic study. ​*Am J Med Sci.* 2006; 331(1):4-9. (jR: 41/103, Q2, IF- 1.355, CI - 40)
9. ​**Magen E**, Yosefy C, Viskoper RJ, Mishal J. Treatment of allergic rhinitis can improve blood pressure control. ​*J Hum Hypertens.* ​ 2006; 20(11):888-893. (jR: 18/52, Q2, IF- 2.960, CI - 14)
10. ​**Magen E**, Mishal J, Schlesinger M. Sensitizations to allergens of TRUE test in 864 consecutive eczema patients in Israel. ​*Contact Dermatitis*. 2006; 55(6):370-371. (jR: 8/39, Q1, IF- 2.446, CI - 10)
11. ​ **Magen E**, Mishal J, Schlesinger M, Scharf S. Eradication of Helicobacter pylori infection equally improves chronic urticaria with positive and negative autologous serum skin test. ​*Helicobacter*. 2007; 12(5):567-571. (jR: 23/50, Q2, IF - 2.423, CI - 38)
12. Mishal J, Embon A, Darawshe A, Kidon M, **Magen E**. Community acquired acute bacterial meningitis in children and adults: An 11-year survey in a community hospital in Israel. ​*European Journal of Internal Medicine*, 2008; 19(6):421-426. (jR: 70/107 Q3, IF- 1.045, CI - 8)
13. Zeldin Y, Weiler Z, Cohen A, Kalinin M, Schlesinger M, Kidon M, **Magen E**. Efficacy of nasal Staphylococcus aureus eradication by topical nasal mupirocin in patients with perennial allergic rhinitis. *Ann Allergy Asthma Immunol.* 2008 Jun; 100 (6):608-611. (jR: 71/121, Q3, IF- 2.353; CI - 3)

1. Zeldin Y, Kidon MI, ​**Magen E**​, Bibi H, Cohen A, Waisel Y, Kivity S. Impact of specific allergen sensitization on the prevalence of asthma in patients with allergic rhinitis from adjacent distinct geographic areas. ​*Ann Allergy Asthma Immunol.* 2008 Jul; 101(1):30-34. (jR: 71/121, Q3, IF- 2.353; CI - 10)
2. Vitkovsky Y, Kuznik B, Solpov A, **Magen E**. Status of platelet-lymphocyte aggregation in circulating blood of patients with type 1 diabetes with and without diabetic nephropathy. *Isr Med Assoc J*. 2008 Oct;10(10):691-694 (jR: 85/107, Q4, IF – 0.626, CI - 3)
3. ​ **Magen E,** ​Mishal J, Paskin J, Glick Z, Zeldin Y, Viskoper R, Schlesinger M. Resistant arterial hypertension is associated with higher blood levels of complement C3 and C-reactive protein. ​*Journal of*​ ​*Clinical hypertension.* 2008; 10(9):677-683. \*2021: (jR: 43/67, Q3, IF- 2.885, CI - 25)
4. Zeldin Y, Weiler Z, ​**Magen E**​, Tiosano L, Kidon MI. Safety and efficacy of allergen immunotherapy in the treatment of allergic rhinitis and asthma in real life. ​*Isr Med Assoc J.*​ 2008; 10(12):869-872. (jR: 85/107, Q4, IF – 0.626, CI - 14)
5. ​ **Magen E**, Agmon-Levin N, Elbirt D, Mishal J, Sthoeger Z. Eradication of helicobacter pylori infection can facilitate immune reconstitution in patients with HIV-1 infection. ​*International Journal of Infectious diseases.* ​2010; 14(4):e322-e327. (jR: 31/58, Q3, IF- 2.529, CI - 6)
6. Weiler Z, Zeldin Y, ​**Magen E**​, Zamir D, Kidon MI. Pulmonary function correlates with arterial stiffness in asthmatic patients. ​*Respir Med.*​ 2010; 104(2):197-203. (jR: 46/114, Q2, IF- 2.525, CI - 17)
7. ​ **Magen E,** Feldman A, Cohen Z, Alon DB, Minz E, Chernyavsky A, Linov L, Mishal J, Schlezinger M, Sthoeger Z. Circulating endothelial progenitor cells, Th1/Th2/Th17-related cytokines, and endothelial dysfunction in resistant hypertension. *Am J Med Sci*. 2010 Feb; 339(2):117-22.(jR: 70/153, Q2, IF- 1.257, CI - 8)
8. ​ **Magen E**​, Feldman A, Cohen Z, Alon DB, Linov L, Mishal J, Schlezinger M. Potential link between C3a, C3b and endothelial progenitor cells in resistant hypertension. ​*Am J Med Sci*​. 2010; 339(5):415-419. (jR: 70/153, Q2, IF- 1.257, CI - 17)
9. ​ **Magen E,** ​Mishal J, Feldman VK, Kidon M, Schlesinger M, Sthoeger Z. Increased platelet volume and CRP in spontaneous chronic urticaria patients with a positive autologous serum skin test​*. Am J Med Sci.* 2010; 339(6):504-508. (jR: 70/153, Q2, IF- 1.257, CI - 53)
10. ​ **Magen E**, Mishal J, Schlesinger M. Impact of contact sensitization in chronic spontaneous urticaria. ​*Am J Med Sci.* 2011; 341(3):202-206. (jR: 65/155, Q2, IF- 1.391, CI - 8)
11. **Magen E**, Mishal J, Schlesinger M. Clinical and laboratoty features of antihistamine resistant chronic spontaneous urticaria. *Allergy Asthma Proc*. 2011 Nov-Dec; 32(6):460-466. (jR: 13/24, Q3, IF- 2.170, CI – 32)
12. **Magen E,** Mishal J. The effect of L-thyroxine treatment on chronic idiopathic urticaria and autoimmune thyroiditis. *Int J Dermatol*. 2012 Jan; 51(1):94-97.(jR: 34/59, Q3, IF- 1.342, CI - 22)
13. **Magen E,** Mishal J, Zeldin Y, Schlesinger M. Antihistamines do not inhibit the wheal induced by the intradermal injection of autologous serum in resistant chronic idiopathic urticaria. *Allergy Asthma Proc*. 2012 Nov-Dec; 33(6):531-537. (jR: 13/23, Q3, IF- 2.193, CI - 6)
14. **Magen E**​, Mishal J. Possible benefit from treatment of ​*Helicobacter pylori*​ in antihistamine-resistant chronic urticaria. ​*Clin Exp Dermatol.* ​ 2013; 38(1):7-12. (jR: 41/61, Q3, IF – 1.234, CI - 26)
15. **Magen E**​, Schlesinger M, Hadari I. Chronic urticaria can be triggered by eradication of Helicobacter pylori. ​*Helicobacter.* ​ 2013; 18(1):83-87 (jR: 27/75, Q2, IF – 2.993, CI - 16)
16. **Magen E**​, Mishal J, Schlesinger M. Clinical and laboratory features of chronic idiopathic urticaria in the elderly. ​*Int J Dermatol.* ​ 2013; 52(11):1387-1391. (jR: 42/61, Q3, F- 1.227, CI - 22)
17. ​**Magen E,** ​Bychkov V, Ginovker A, Kashuba E. Chronic ​*Opisthorchis felineus* Infection Attenuates Atherosclerosis - An Autopsy Study. ​*Int J Parasitol.* ​2013; 43(10):819-824. (jR: 7/37, Q1​, IF- 3.404, CI - 22)
18. **Magen E**​, Mishal J, Schlesinger M. Chronic idiopathic angioedema: a single center experience. ​*Int J Dermatol.* ​2014; 53(10): e421-e427. (jR: 38/63, Q3, IF- 1.312, CI - 3)
19. Kuznik BI, Vitkovsky YA, Gvozdeva OV, Solpov AV, **Magen E**​. Lymphocyte – platelet crosstalk in Graves' disease. ​*Am J Med Sci.*​ 2014; 347(3):206-210. (jR: 71/154, Q2, IF- 1.389; CI - 9)
20. **Magen E**​, Schlesinger M, David M, Ben-Zion I, Vardy D. Selective IgE deficiency, immune dysregulation and autoimmunity. ​*Allergy Asthma Proc*. 2014; 35(2): e27-e33 (jR: 8/24, Q2, IF- 3.061, CI - 28)
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104**.** \* Magen **E**, Chikovani T. Development of angio-oedema after

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2. \* Israel A, Merzon E, Schäffer AA, Shenhar Y, Green I, Golan-Cohen A, Ruppin E, **Magen E**, Vinker S. Elapsed time since BNT162b2 vaccine and risk of SARS-CoV-2 infection in a large cohort. MedRxiv [Preprint]. 2021 Aug 5:2021.08.03.21261496. (jR: N/A, Q – N/A, IF – N/A, CI 17)
3. \* Israel A, Shenhar Y, Green I, Merzon E, Golan-Cohen A, Schäffer AA, Ruppin E, Vinker S, **Magen E**. Large-scale study of antibody titer decay following BNT162b2 mRNA vaccine or SARS-CoV-2 infection. MedRxiv [Preprint]. 2021 Aug 21:2021.08.19.21262111. (jR: N/A, Q – N/A, IF – N/A, CI 5)

## Abstracts

1. Viskoper JR, ​**Magen E**​, Feldman A, Priluk R, Last A, London A, Michaeli D, Altshuler A. Influence of low dose aspirin and simvastatin on blood pressure, flow-dependent vasodilatation, tonus and elasticity of brachial artery in hypertensive nonhyperlipidemic subjects. ​*Am J Hypertens*​ 2000, 13 (S2): 11A (abstract meeting) (jR: 16/45 Q2, IF-2.685, CI – 0)
2. **Magen E**, Berezovsky A, Priluk R, Last-Pollak M, Laszt A, London D, Viskoper R. Atorvastatin, but not vitamin C can improve blood pressure control in patients with resistant arterial hypertension and hyperlipidemia. *Journal of Hypertension*. 2002, 20, S241-S241 ((jR: 8/45 Q1, IF- 3.640 CI-5)
3. **Magen E**. Contact allergies in patients with chronic urticaria. Annals of Allergy, Asthma & Immunology 2011, 107 (5), A17-A17 (jR: Allergy 7/24 Q2, IF- 2.833 CI - 0)
4. . \* Asher I, **Magen, E**, Vaddas, Z, Tubi E, Mahlab GK, Sthoeger Z. Long term (> 1 year) treatment of chronic spontaneous urticaria with Omalizumab-A real life study. ALLERGY 2020; (75) SI ‏ 109 (abstract meeting) 196-196 (JR: 1/28 Q1, IF- 13.146 CI - 0)

**14. Lecture and Presentations at National and International Meetings**

**Invited Lectures:**

1. **Magen E**. Office blood pressure measurement versus home blood pressure monitoring in assessment of blood pressure control of hypertensive subjects. WHO Collaborative Center for Prevention of Cardiovascular Diseases. 15-th European Congress of Cardiovascular Research. Amsterdam. Holland, 1999
2. **Magen E**. Effects of low dose aspirin and simvastatin on blood pressure and endothelial dysfunction of hypertensive subjects with and without hyperlipidemia. Scientific Meeting of the American Society of Hypertension, 16 - 20 May 2000, New. York, USA.
3. **Magen E**​, Effectiveness of Measurement of arterial elasticity and tonus by pulse echo device inta-medics ltd. Israeli Society of Hypertension congress, Tel Aviv. November 15, 2000
4. **Magen E.** Use of statins versus AT 1 blocker as first line monotherapy in patients with borderline essential arterial hypertension without hyperlipidemia. Rambam Medical Center, Haifa. Israeli Society of Hypertension congress, December 7, 2001
5. **Magen E**. Atorvastatin, but not vitamin C can improve blood pressure control in patients with resistant arterial hypertension and hyperlipidemia. 7th International Symposium on Hypertension in the Community, Tel Aviv. Israel 2001
6. **Magen E**. Effects of low dose aspirin and simvastatin on blood pressure and endothelial dysfunction of hypertensive subjects with and without hyperlipidemia. International Symposium on Hypertension in the Community. Tel Aviv. Israel 2002
7. **Magen E**. Eradication of helicobacter pylori infection can facilitate immune reconstitution in patients with HIV-1 infection. XV International AIDS Conference. Bangkok, Thailand 2004
8. **Magen E.**​ Phase I/II clinical trial of the peptide nucleic acid complex "Product R" in patients with advanced-stage acquired immunodeficiency syndrome. World AIDS Congress, Glasgow, UK, October 21, 2004
9. **Magen E**. Resistant arterial hypertension and hyperlipidemia, Atorvastatin is better than vitamin C for blood pressure control. The 75th European Atherosclerosis​​Society congress, Prague, Czech Republic, April2005
10. **Magen E**. Resistant arterial hypertension and hyperlipidemia, Statins and bloood pressure control. Israeli Society of Hypertension, Annual Meeting. Tel Aviv. Israel 2005
11. **Magen E**. Chronic helminthic Infections may attenuate the development of cardiovascular diseases. XXV Congress of the European Academy of Allergology and Clinical Immunology, 10-14 June 2006, Vienna, Austria.
12. **Magen E**. Hygiene hypothesis and development of cardiovascular diseases. XIV International Symposium on Atherosclerosis. June 18 - 22, 2006; Rome, Italy
13. **Magen E**. Effects of low-dose aspirin on blood pressure and endothelial function of treated hypertensive hypercholesterolaemic subjects. Israeli Society of Hypertension, Annual Meeting. Tel Aviv. Israel 2006
14. **Magen E**. Treatment of allergic rhinitis can improve blood pressure control. The XVII European Meeting on Hypertension. Milan June 15-19; 2007, Italy.
15. **Magen E**. Treatment of allergic rhinitis can improve blood pressure control. Israeli Society of Hypertension, Annual Meeting. Tel Aviv. Israel 2007
16. **Magen E**. Treatment of allergic rhinitis can improve blood pressure control. Israeli Society of Allergy and Clinical Immunology Annual Congress, Jerusalem. Israel 2007
17. **Magen E**. Sensitizations to allergens of TRUE test in 864 consecutive eczema patients in Israel. Israeli Society of Allergy and Clinical Immunology Annual Congress, Annual Meeting. Tel Aviv. Israel 2007
18. **Magen E**. Immunomodulation by small peptides; Advances in Gerontology. Institute of Bioregulation and Gerontology, St. Petersburg, Russia, June 10, 2007
19. **Magen E**. Eradication of Helicobacter pylori infection improves chronic urticaria.​ ​18th European Congress of Clinical Microbiology and Infectious Diseases. April 19-22, 2008 Barcelona, Spain
20. **Magen E**. Eradication of Helicobacter pylori infection equally improves chronic urticaria with positive and negative autologous serum skin test. Israeli Society of Allergy and Clinical Immunology Annual Congress, Tel Aviv. Israel 2008
21. **Magen E.** Eradication of Helicobacter pylori infection equally improves chronic urticaria with positive and negative autologous serum skin test. XXVII Congress of the European Academy of Allergology and Clinical Immunology, Barcelona, Spain, June 11, 2008.
22. **Magen E**. Efficacy of nasal Staphylococcus aerius eradication by topical nasal mupirocin in patients with perennial allergic rhinitis. World Congress of Asthma/INTERASMA, 5 -8 November, 2008, Monaco.
23. **Magen E**​. Resistant arterial hypertension is associated with higher blood levels of complement C3 and C-reactive protein. Israeli Society of Allergy and Clinical Immunology Annual Congress, Tel Aviv. Israel 2009
24. **Magen E**​. Arterial hypertension and complement C3. Israeli Society of Hypertension, Annual Meeting. Tel Aviv. Israel 2009
25. **Magen E**​. Eradication of helicobacter pylori infection can facilitate immune reconstitution in patients with HIV-1 infection. Israeli Society of Allergy and Clinical Immunology Annual Congress, Tel Aviv. Israel 2009
26. **Magen E**​. Eradication of helicobacter pylori infection can facilitate immune reconstitution in patients with HIV-1 infection. The 3rd HIV/AIDS Conference in Eastern Europe and Central Asia, EECAAC, 28-30 October, 2009 Moscow, Russian Federation.
27. **Magen E.**​ Immunological aspects of arterial hypertension.

Allergology and Clinical Immunology Annual Meeting, 1-3 October 2010, Tbilisi, Georgia.

1. **Magen E.** ​Autoimmune progesterone skin diseases and anaphylaxis. Israeli Society of Allergy and Clinical Immunology Annual Congress, Tel Aviv. Israel 2010
2. **Magen E.** Eradication of Helicobacter pylori infection improves chronic urticaria with positive and negative autologous serum skin test. EPS Global 1st International Immunology Conference, Shanghai, China, September 11, 2010.
3. **Magen E.** Allergic diseases in primary care. Israeli Society of Family Medicine Annual Congress, Tel Aviv, September 27, 2010
4. **Magen E.** ​Impact of contact sensitization in chronic spontaneous urticaria. The 2011 Annual Meeting of the American College of Allergy, Asthma & Immunology (ACAAI) November 3-8, 2011, in Boston, Massachusetts, USA.
5. **Magen E**. Allergic emergencies its management in primary care. Israeli Society of Family Medicine Annual Congress, Tel Aviv. Israel 2011
6. **Magen E**. L-Thyroxine treatment is not effective in patients with Chronic Idiopathic Urticaria and Thyroid Autoimmunity. Israeli Society of Allergy and Clinical Immunology Annual Congress, Tel Aviv. Israel 2011
7. **Magen E**. Principles specific allergen immunotherapy and immunomodulation. Tel Aviv University, Israeli Society of Family Medicine Annual Meeting, Tel Aviv. Israel November 14, 2011
8. **Magen E.** ​Antihistamines do not inhibit the wheal induced by the intradermal injection of autologous serum in resistant chronic idiopathic urticaria. The 8th International Congress on Autoimmunity; Granada, Spain, 9-13 May, 2012.
9. **Magen E.** Biologicals in atopy and in systemic inflammatory diseases and beyond. Thev Interest Group on Biological Immune Response Modifiers at the EAACI Executive Committee, Geneva, Switzerland, June 17, 2012
10. **Magen E.** Antihistamine resistant chronic idiopathic urticaria. VII Congress of Allergy, Asthma and Immunopathology; Batumi, Georgia, October 8, 2012
11. **Magen E.** Invited foreign professors’ lections at Tbilisi State Medical University, Lections for students and physicians 1. Urticaria, 2. Angioedema, 3. HIV/AIDS. Tbilisi, Georgia, October 9-12, 2012
12. **Magen E.** ​Chronic urticaria can be triggered by eradication of Helicobacter pylori. The 2nd International Allergy, Asthma & Immunology Congress, Jerusalem, November, 2012
13. **Magen E.** Praxis Research & Consulting Ltd. The management of chronic spontaneous urticaria and the dynamics of the future market, Guildford, United Kingdom November, 2012
14. **Magen E.** ​Geriatric medicine in primary care, what a family physician should know. The Community Medicine Regional Congress, Ashkelon, Israel, May, 2013
15. **Magen E**​. Urticaria and angioedema in primary care. The meeting of the Israel Ambulatory Pediatric Association and Leumit Health Services, October 28, Tel Aviv. Israel 2013
16. **Magen E**. Chronic Opisthorchis *felineus*​ Infection Attenuates Atherosclerosis - An Autopsy Study. Israeli Society of Allergy and Clinical Immunology Annual Congress, Israel, November, 2013
    1. **Magen E.** ​Selective IgE deficiency, respiratory pathology, immune dysregulation and autoimmunity. The Joint International Pulmonology and Clinical Immunology Congress, Batumi, Georgia, June 19-22, 2014
    2. **Magen E**. Chronic helminth infection and immunomodulation of atherosclerosis. Israeli Society of hypertension Annual Congress, Tel Aviv, Israel, March 19-21, 2015
    3. **Magen E**​. Expression of toll like receptors TLR2 and TLR4 on peripheral blood monocytes during exacerbation of atopic dermatitis. The Joint World Allergy Organization (WAO) and Georgian Allergy & Clinical Immunology Congress, Tbilisi, Georgia, June 26-29, 2015
    4. **Magen E**​. Irritable bowel syndrome responding to Omalizumab. Israeli Society of Allergy and Clinical Immunology Annual Congress, Caesarea, Israel, December 3-5, 2015
    5. **Magen E.**​ Expression of TLR2 and TLR4 on peripheral blood monocytes during exacerbation of atopic dermatitis. 5th International Congress of Georgian Respiratory Association, 23-25 june, 2016 Batumi, Georgia
    6. **\* Magen E.** ​Possible autoimmune primary ovarian insufficiency in patients with selective IgA deficiency. V European Congress on Asthma & COPD; Tbilisi, Georgia, June 29, 2017
    7. **\* Magen E**. Idiopathic angioedema. The European Angioedema

Workshop, Berlin, 14-17 April 2018

* 1. **\* Magen E.** Immune mechanisms of CAR T Cell therapy. International congress in tumor immunology. TSMU, Tbilisi, Georgia. 18 June, 2018.
  2. **\* Magen E.** CAR T Cells: Engineering Patients’ Immune Cells to Treat Their Cancers. International meeting in tumor immunology. Geneva, Switzerland, December 2018.
  3. **\* Magen E.** Histamin and bradykinin in the pathophysiology of immunological edema. The Mediterranean Angioedema Workshop, Ashkelon 4-6 September 2019
  4. **\* Magen E.** Possible autoimmune primary ovarian insufficiency in patients with selective IgA deficiency. Allergy and Clinical Immunology Annual Congress, Kfar Blum, Israel, November, 2019
  5. **\* Magen E.** IgE Immunotherapy Against Cancer, the role of

Mast cells. University Hospital of Antwerp – UZA. Belgium.

February 2019.

* 1. \* **Magen** **E**. Long term (> 1 year) treatment of chronic spontaneous urticaria with Omalizumab-A real life study. European-Academy-of-Allergology-and-Clinical-Immunology Digital Congress (EAACI): ‏ London, England, June, 2020
  2. **\* Magen E.** COVID-19 Susceptibility in bronchial Asthma. Allergy and Clinical Immunology Annual Congress, Tel Aviv, Israel, November, 2020
  3. **\* Magen E.** Food allergy-exacerbated atypical hidradenitis suppurativa. Allergy and Clinical Immunology Annual Congress, Tel Aviv, Israel, November, 2020
  4. **\* Magen E.** Autoimmune Inner Ear Disease among Patients with Selective IgA Deficiency. Allergy and Clinical Immunology Annual Congress, Tel Aviv, Israel, November, 2020
  5. **\* Magen E.** Food-dependent exercise-induced angioedema. Allergy and Clinical Immunology Annual Meeting, Tel Aviv, Israel, September, 2021
  6. **\* Magen E**. Higher rates of allergies, autoimmune diseases and low-grade inflammation markers in treatment-resistant major depression. XI Georgian National Congress of Allergy, Asthma and Immunology, and International School “Molecular Allergology and Vaccination” May 2022, Tbilisi, Georgia
  7. **\* Magen E**. Chronic spontaneous urticaria after BNT162b2 mRNA (Pfizer-BioNTech) vaccination against SARS-CoV-2. VII European Congress on Asthma, COPD and Respiratory Allergy; 8-10 September 2022, Batumi, Georgia
  8. **\* Magen E.** New concepts in the diagnosis and management of food allergy. The family medicine education conference in the southern region. 16 October 2022, Beer Sheva, Israel.
  9. **\* Magen E**. Histaminergic angioedema and chronic spontaneous urticaria. WAO-BSACI Conference. October 2022, Istanbul, Turkiye
  10. **\* Magen E**. Glucose-6-phosphate dehydrogenase deficiency and long-term risk of immune-related disorders. Allergy and Clinical Immunology Meeting, Tel Aviv, Israel, February 2023
  11. **\* Magen E**. Type II autoimmunity in chronic spontaneous urticaria. World Allergy Organization (WAO): Skin Allergy-Urticaria & HAE Committee Meeting. April, 2023, Milwaukee, WI, USA
  12. **\* Magen E**. A comparative study of chronic spontaneous urticaria and chronic mast cell mediated angioedema. Allergy and Clinical Immunology Annual Meeting, November 2023 Jerusalem, Israel

**Other** **Lectures:**

None

**15. Research Grants**

**Competitive Research Grants (Vatat - the committee for budget and planning-Israel):**

None

**Competitive Research Grants:**

1. **Magen E**. Topic: “Basophil-platelet interactions in chronic autoimmune urticaria”, Foundation USA Allergists for Israel competitive grant, PI, Year 2008, **Sum 2,500 $**

**Other Grants:**

Internal:

1. **Magen E**. Topic: “Circulating Endothelial Progenitor Cells, Th1/Th2/Th17 Related Cytokines, Complement and Endothelial Dysfunction in Resistant Hypertension”, Ben Gurion University of the Negev, University competitive research grant for Cadiology Research. PI, Years 2007-2008, Sum **5,000 $**

1. **Magen E.**  Topic: “Circulating endothelial progenitor cells, endothelin-1, α-defensins and complement in chronic idiopathic urticaria”. Barzilai University Medical Center and Ben Gurion University of the Negev, University competitive research grant. PI, Year 2015, Sum **7,500 $**
2. **\* Magen E.** Topic: “Application of mesenchymal stem cells for the treatments of severe COPD”. Barzilai University Medical Center and Ben Gurion University of the Negev, University competitive research grant. PI, Year 2017, Sum **7,800 $**
3. **\* Magen E.**  Topic: “Association of Plasma Levels of JAM-A, CCL11, GDF11, and GDF15 with Severity of Leukoaraiosis”. Barzilai University Medical Center and Ben Gurion University of the Negev, University competitive research grant. PI, Year 2020, Sum **12,000 $**

**16. Present Academic Activities**

**Research in progress**

1. Subject – Physical activity, immunological parameters and the risk of SARS-CoV-2infection

Other participants – Merzon E, Green I, Israel A.

Expected date of completion – 30.12.2021

1. Subject – Autoimmune diseases after BNT162b2 mRNA vaccination against SARS-CoV-2

Other participants – Merzon E, Green I, Israel A.

Expected date of completion – 30.04.2022

1. Subject – Antibody titer following BNT162b2 mRNA vaccine or SARS-CoV-2 infection and prevaccinatet levels of total serum IgE.

Other participants – Siam S. Merzon E, Green I, Israel A.

Expected date of completion – 30.07.2022

1. Subject – Autoimmune diseases in subjects with chronic eosinopenia.

Other participants – Merzon E, Green I, Israel A.

Expected date of completion – 30.08.2022

1. Subject - Association of Plasma Levels of JAM-A, CCL11, GDF11, and GDF15 with Severity of Leukoaraiosis

Other participants – Blum I.

Expected date of completion – 30.12.2022

1. Subject - Inflammatory clinical and laboratoty biomarkers in chronic spontaneous urticaria

Other participants – Kulumbekov B, Chikovani T.

Expected date of completion – 30.08.2022

1. Subject - Prognostic value of FcεRI expression on basophils and platelets during malizumab treatment of chronic spontaneous urticaria

Other participants – Kulumbekov B, Chikovani T, Komarova I.

Expected date of completion – 30.10.2022

1. Subject - Chronic histaminergic angioedema, natural history and pathophysiological characteristics

Other participants – Merzon E, Green I, Israel A.

Expected date of completion – 30.11.2022

1. Autoimmunity and innate immune system activation in obsessive compulsive disease

Other participants – Geishin A, Weizman A, Merzon E, Green I, Israel A.

Expected date of completion – 30.12.2022

10. Optical imaging (skin intravital microscopy) for diagnosis of IgE mediated allergic reaction . Other participants – Vyacheslav (Slava) Kalchenko. Weizmann Institute of Science. Expected date of completion – 31.12.2023

**17. Teaching Statement**

Teaching is a great priority for me. My personal belief is that my tasks as a teacher in a variety of settings fall under two major categories - the understandable transmission of factual information, and the teaching of how to think and reason clearly and analytically. The main focus of my teaching efforts is based on real patent care in the Medicine Department and the Allergy and Clinical Immunology Unit. Resident and fellow physicians devote more time and effort to the learning process if they can see the benefits of devoting time to what I have to demonstrate. In every meeting with a medical student, resident, or fellow physician, I try to model attentiveness, respect, and analytical thinking. I try to demonstrate how to use the knowledge of basic science and integrate it with the pathophysiologic processes to make clinical decisions. Making mistakes is an anticipated and unavoidable process of learning. During the teaching process, I always stimulate the healthy apprehension by asking questions and letting them struggle a bit for the answer while showing them the process was used to reach the answer. My goals in teaching are not restricted to the knowledge area only. I understand, that to use the learned theoretical knowledge and practical skills is a long and difficult journey from short-term memory to long-term and therefore repetition is crucial for this to be successful. For me, the most important goal in clinical education is to stimulate the medical students, residents, and fellow physicians to learn how to perform a patient interview, plan and review the laboratory and imaging examinations and integrate them in making a clinical decision. I regularly use tests and examinations to assess students’ key comprehension of new material. I motivate the students and resident physicians to present the challenging clinical cases and original studies in the multidisciplinary team sessions, by stimulating them to teach themselves, helping them to obtain the habits of lifelong learning and literature search. Moreover, I believe that oral presentations give them critical experience with conference-style scientific public speaking.

I also encourage my resident and fellow physicians to read publications with a critical eye, by training them on the basics of medical epidemiology and evidence-based medicine. Once they have mastered sufficiently the basic principles of epidemiology, I have them read and discuss recent medical publications. I attempt to expose my medical students, resident, and fellow physicians to basic and clinical research that has been conducted at Allergy and Clinical Immunology Division in Barzilai University Medical Center and Leumit Health Services. Since my area of research focuses on clinical immunology and autoimmunity, I encourage my physicians to accomplish Ph.D. studies in Immunology during their residency in Internal Medicine (or during a fellowship in Allergy & Clinical Immunology). When physician residents perform epidemiological research studies under my supervision, I encourage them to use big national data from Leumit Health Services to be able to generalize their results to a large population. I have successfully assisted several resident physicians in publishing the results of their basic research and/or independent studies.

My lectures have the following framework; the subject is introduced, the facts are explored and the subject is summarized again in "take-home points." For me, it is clear that good feedback is crucial to successful learning. When I am teaching a small group of medical students and resident physicians in the Medicine Department, at the beginning of each new topic I try to bring them to a more homogenous knowledge base about the subject. After this, they are given the primary scientific literature, rather than reviews or book chapters, to focus strongly upon developing an understanding of how the scientific and evidence-based knowledge is obtained. My responsibilities include selecting appropriate references from the primary literature which best illustrate important advances in a particular area and stimulating the development of their critical thinking skills. I constantly revise my teaching materials to take into account student's feedback, new scientific knowledge, and my perceptions of teaching deficiencies, paying attention to what my medical students and resident physicians achieve during their clinical rotations.

I will continue to assist resident physicians in their research endeavors by acting as the chair Helsinki Committee at Leumit Health Services, and/or by conducting independent study research hours with them. Also, I will continue to encourage my physicians to submit conference abstracts and manuscripts for publication.

In the future, I hope to continue to mentor other resident physicians as they look for positions or apply to Ph.D. programs at the Ben Gurion University of the Negev. Finally, as our Allergy and Clinical Immunology Division continues to grow, I anticipate that other fellow physicians and Ph.D. laboratory personal will be hired. I feel that this would provide us an opportunity to introduce a new generation of physicians into the world of basic and clinical research.