

**Name: Yossi Rosman****Degree: M.D****CV updated: 01.2.18*****CURRICULUM VITAE***

Name: Yossi Rosman, M.D

Faculty/dept: Tel-Aviv University, Sackler Faculty of Medicine

Hospital/dept: Meir Medical Center, Allergy and Clinical immunology Tel:097472718

Medical License Number: 35386

**Zahal (israeli) military service:**

2004-2005: Medical officer, 71 armored regiment, IDF.

2005-2007: Medical Officer, 417 division, IDF.

2007-2009: Deputy Head of the chemical section, CBRN medicine branch, IDF medical corps.

2009-2013: Commander, Medical Company E, 535 regiment.

2013-2015: Head of the chemical section, CBRN medicine branch, IDF medical corps.

2015...: Deputy Commander, reservoir medical regiment 535, Medical corps.

**A. Education****PERIODS OF STUDIES**

1996-2002: M.D Degree, Sackler School of Medicine, Tel Aviv University, Israel

**Title of Doctoral Dissertation:** Using ECPT for patients with severe angina pectoris, resistant to medical treatment**Supervised by: Prof. Hanoch Hod. Date Awarded : 27.5.2004****C. ACADEMIC & PROFESSIONAL ACTIVITIES & ACHIEVEMENTS:****ACADEMIC ACTIVITY:****2012-2013:** Tutoring medical students in internal Medicine D, Tel Hashomer, Tel Aviv university.

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**2013-2015:** "CBRN medicine" for medical students "Zameret" in the Hebrew University, Jerusalem.

**2013-2015:** "Management of NBC disasters" as part of the Executive Master's Program in Public Health (MPH) in the School of Public Health, Tel Aviv University.  
Course coordinator

**2015:** Participation in Good Clinical Practice (GCP) course, Zerifin

**2015:** Received the academic degree "Lecturer", Sackler school of medicine, Tel Aviv University

**2017-...:** Lecturer - Allergy & Clinical Immunology course, as part of the Introduction to Clinical Medicine Course 2<sup>nd</sup> year, 4 years MD program

**2017-...:** Lecturer - Allergy & Clinical Immunology course, as part of the Introduction to Clinical Medicine Course 3<sup>rd</sup> year, 6 years MD program

**2017-...:** Lecturer on "drug allergy" as part of the dermatology course, dental medical school 2<sup>nd</sup> year

**2018-...:** Introduction to Clinical Medicine Course 2<sup>nd</sup> year, the 4 years MD program, Sackler School of Medicine, Tel-Aviv University. Course coordinator & lecturer

**Professional Experience:**

2009-2013: Residency in Internal medicine, Internal Medicine D, Tel-Hashomer

2012: Passed the board examination (Part 1+2) in Internal medicine

2015-2018: Fellowship in Allergy & Clinical Immunology, Meir Medical Center

2017: Passed the board examination (Part 1+2) in Allergy & Clinical Immunology

2018-...: Senior physician at the Allergy and clinical immunology unit, Meir medical center.

**Name: Yossi Rosman****Degree: M.D****CV updated: 01.2.18****ACTIVE PARTICIPATION IN SCIENTIFIC MEETINGS**

**2003**: The Israeli Heart Society Conference, Tel Aviv, Israel

"Treatment by ECPT for patients with severe angina pectoris, resistant to medical treatment". Oral presentation

**2008**: The 14<sup>th</sup> Bioscience Review Conference, Baltimore, USA

"Using MRI for the assessment of paraoxon-induced brain damage and efficacy of antidotal treatment". Poster presentation.

**2013**: The 2<sup>nd</sup> National Conference of NBC Medicine, Hebrew University, Jerusalem.

Chairman of the Organizing Committee, member of the Scientific Committee

**2014**: The 4<sup>th</sup> IPRED conference, Tel Aviv, Israel." Lessons learned from the Syrian Sarin Attack: evaluation of a clinical syndrome through the social media" Oral presentation.

**2014**: The 23<sup>rd</sup> ISFN Annual Meeting, Eilat, Israel. "Early brain magnetic resonance imaging can predict short and long-term outcomes after organophosphate induced status epilepticus in a rat model". Oral presentation

**2014**: The 15<sup>th</sup> Bioscience Review Conference, Baltimore, USA

"Assessment of brain damage and the efficacy of antidotal treatment in a model of organophosphate exposure using MRS" .Poster presentation

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**2015**: The Israeli society of allergy and immunology annual conference, Israel.

"The Importance of Amoxicillin Amoxicillin-Clavulanate Determinants in the diagnosis of Immediate Allergic Reactions to  $\beta$ -Lactams" Oral presentation

**2016**: World allergy organization (WAO) international scientific conference (WISC), Jerusalem, Israel. "Rush Venom Immunotherapy in Children" Poster presentation

**2017**: The American Academy of Allergy Asthma & Immunology (AAAAI) annual meeting, Atlanta, USA. "Venom Immunotherapy in High-Risk Patients: The Advantage of the Rush Build-Up Protocol" Poster presentation.

**2017**: The "Shoresh" conference on military medicine, Washington, USA. "Using losartan for prevention of epileptogenesis after paroxone poisoning" Oral presentation.

**2017**: The Israeli society of allergy and immunology annual conference, Israel. "Venom Immunotherapy in High-Risk Patients: The Advantage of the Rush Build-Up Protocol" Oral presentation

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**2018:** The 5<sup>th</sup> IPRED conference, Tel Aviv, Israel." Using the bugie elastic gum for intubation while donning personal protective equipment" Oral presentation

**2018:** The Israeli society of allergy and immunology annual conference, Israel. "Chronic sinusitis with nasal polyposis –more than meets the eyes" Oral presentation

#### **MEMBERSHIP IN PROFESSIONAL SOCIETIES**

**2013 - ...:** Israeli medical association

**2013 - ...:** Israeli association for internal medicine

**2015 - ...:** Israeli association for Allergy, Asthma & Clinical Immunology

**2016 - ...:** The American association of Allergy, Asthma & Clinical Immunology

#### **DOCTORAL STUDENTS MENTORED BY CANDIDATE**

**2017:** Fathma Nashef, "Risk factors for systemic adverse events during bee venom immunotherapy". For MD thesis, Tel Aviv University.

**2017:** Muchamad Elmalek, "Sensitivity for Beta lactams in Israel: demographic, epidemiologic and clinical characterization and the outcomes of allergy assessment". For MD thesis, Tel Aviv University.

#### **F. Grants**

**2008:** 100,000 NIS from the IDF medical corps foundation as an investigator in the project: "Using MRI for the assessment of paraoxon-induced brain damage and efficacy of antidotal treatment"

**2009:** 300,000 NIS from the IDF medical corps foundation as an investigator in the project: "Prevention of organophosphate-induced chronic epilepsy by early benzodiazepine treatment in a rat model"

**2014-2015:** 200,000 NIS from the IDF medical corps foundation as an investigator in the project: "Using Losartan for prevention of OP induced epileptogenesis in a rat model".

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**G. AWARDS****2014:** The 15<sup>th</sup> Bioscience Review Conference, Baltimore, USA"Assessment of brain damage and the efficacy of antidotal treatment in a model of organophosphate exposure using MRS" .Best International poster**2017:** International travel grant award for best international fellow-in training abstract, The American association of Allergy, Asthma & Clinical Immunology**SCIENTIFIC PUBLICATIONS****B.1. ORIGINAL ARTICLES:**

1. Using MRI for the assessment of paraoxon-induced brain damage and efficacy of antidotal treatment.

**Rosman Y**, Eisenkraft A, Krivoy A, Schein O, Makarovski I, Shrot S, Ramaty E, Schilderman EB, Kapon J, Gilat E, Kadar T, Maier S, Daniels D, Shneur R, Salomon S, Tamar G, Last D, Mardor Y.

*J Appl Toxicol.* 2012 Jun;32(6):409-16 (IF – 3.63, Ranked 14/87 in Toxicology, Num. of citations – 6)

2. Early in vivo MR spectroscopy findings in organophosphate-induced brain damage-potential biomarkers for short-term survival.

Shrot S, Anaby D, Krivoy A, Makarovsky I, **Rosman Y**, Bloch-Schilderman E, Lazar S, Bar-Shir A, Cohen Y.

*Magn Reson Med.* 2012 Jan 13 (IF – 3.26, Ranked 22/40 in radiology, Num. of citations – 3)

3. Association of retinal microvascular caliber with blood pressure levels.

Gepstein R\*, **Rosman Y**\*, Rechtman E, Koren-Morag N, Segev S, Assia E, Grossman E.

*Blood Press.* 2012 Jun;21(3):191-6. \*equal contributors (IF – 1.6, Ranked 46/65 in Peripheral vascular disease, Num. of citations – 10)

4. Nocardiosis: A 15-year experience in a tertiary medical center in Israel.

**Rosman Y**, Grossman E, Keller N, Thaler M, Eviatar T, Hoffman C, Apter S.

*Eur J Intern Med.* 2013 Sep;24(6):552-7. (IF – 2.3, Ranked 37/150 in Medicine, Num. of citations – 7)

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5. Lessons learned from the Syrian sarin attack: evaluation of a clinical syndrome through social media.

**Rosman Y**, Eisenkraft A, Milk N, Shiyovich A, Ophir N, Shrot S, Kreiss Y, Kassirer M. *Ann Intern Med.* 2014 May 6;160(9):644-8. (IF- 16.1, Ranked 5/150 in Medicine, Num. of citations – 22)

6. Prevention of organophosphate-induced chronic epilepsy by early benzodiazepine treatment.

Shrot S, Ramaty E, Biala Y, Bar-Klein G, Daninos M, Kamintsky L, Makarovsky I, Statlender L, **Rosman Y**, Krivoy A, Lavon O, Kassirer M, Friedman A, Yaari Y. *Toxicology.* 2014 Jun 2;323C:19-25. (IF – 3.75, Ranked 48/256 in Pharmacology, Num. Of citations - 6)

7. Exertional leg pain in Familial Mediterranean Fever: A manifestation of an underlying enthesopathy and a marker of a more severe disease.

Eshed I\*, **Rosman Y\***, Livneh A, Kedem R, Langevitz P, Ben-Zvi I, Lidar M *Arth & Rheuma.* 2014 Nov;66(11):3221-6.\*equal contributors. (IF – 7.47, Ranked 3/27 in Rheumatology, Num. of citations – 1)

8. Airway Control in Case of a Mass Toxicological Event: Superiority of 2nd Generation Supraglottic Airway Devices.

Ophir N, Ramaty E, Rajuan-Galor I, **Rosman Y**, Lavon O, Shrot S, Huerta-Hartal M, Kassirer M, Vaida S, Gaitini L *Am J Emerg Med.* 2014 Dec;32(12):1445-9 ( IF – 1.49, Ranked 11/24 in Emergency Medicine, Num. of citations – 3)

9. Early brain magnetic resonance imaging can predict short and long-term outcomes after organophosphate poisoning in a rat model.

Shrot S, Tauber M, Shiyovich A, Milk N, **Rosman Y**, Eisenkraft A, Kadar T, Kassirer M, Cohen Y. *Neurotoxicology.* 2015 Apr 23;48:206-216 (IF – 3.05, Ranked 26/87 in Toxicology, 120/252 in Neuroscience, Num. of citations – 1)

10. The association between admission systolic blood pressure of heart failure patients with preserved systolic function and mortality outcomes.

**Rosman Y**, Kopel E, Shlomai G, Goldenberg I, Grossman E.

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*Eur J Intern Med.* 2015 Dec;26(10):807-12 (IF – 2.96, Ranked 31/178 in Medicine, (Q1), Num. of citations – 4)

11. The Importance of Amoxicillin and Amoxicillin-Clavulanate Determinants in the Diagnosis of Immediate Allergic Reactions to  $\beta$ -Lactams.

Confino-Cohen R\*, **Rosman Y\***, Lachover I, Meir Shafrir K, Goldberg A.

*Int Arch Allergy Immunol.* 016;170(1):62-6. \*equal contributors (IF – 2.72, Ranked 17/26 in Allergy (Q3), Num. of citations – 3)

12. Using the skin protective lotion IB1 as a substitute for chemical protective gloves.

Ophir N, Milk N, Mayer T, Ravfogel S, Yavnai N, Eisenkraft A, Kadar T, Kassirer M, **Rosman Y.**

*Am J Emerg Med.* 2016 Oct;34(10):1986-1990. (IF – 1.49, Ranked 11/24 in Emergency medicine (Q2))

13. The Organophosphate Paraoxon and Its Antidote Obidoxime Inhibit Thrombin Activity and Affect Coagulation In Vitro.

Golderman V, Shavit-Stein E, Tamarin I, **Rosman Y.** Shrot S, Rosenberg N, Maggio N, Chapman J, Eisenkraft A.

*PLoS One.* 2016 Sep 30;11(9) (IF – 3.54)

14. Rush Venom Immunotherapy in Children.

Confino-Cohen R\*, **Rosman Y\***, Goldberg A.

*J Allergy Clin Immunol Pract.* 2017 May - Jun;5(3) \*equal contributors (IF – 6.96, Ranked 2/26 in Allergy (Q1), Num. of citations – 3)

15. Resveratrol fails to provide prophylactic protection in a rat model of organophosphate poisoning.

**Rosman Y.** Ravfogel S, Shiyovich A, Shrot S, Milk N, Ophir N, Aviram M, Nir I, Kassirer M, Eisenkraft A.

*Disaster Mil Med.* 2016 Jul 26;2:11 (No IF)

16. Imaging blood-brain barrier dysfunction as a biomarker for epileptogenesis.

Bar-Klein G, Lublinsky S, Kamintsky L, Noyman I, Veksler R, Dalipaj H, Senatorov VV Jr, Swissa E, Rosenbach D, Elazary N, Milikovsky DZ, Milk N, Kassirer M, **Rosman Y.** Serlin Y, Eisenkraft A, Chassidim Y, Parmet Y, Kaufer D, Friedman A.

*Brain.* 2017 Jun 1;140(6):1692-1705 (IF – 10.29, Ranked 13/258 in Neuroscience (Q1), Num. of citations – 2)

17. Oral Challenge without Skin Testing Safely Excludes Clinically Significant Delayed-Onset Penicillin Hypersensitivity.

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Confino-Cohen R, **Rosman Y**, Meir-Shafir K, Stauber T, Lachover-Roth I, Hershko A, Goldberg A.

J Allergy Clin Immunol Pract. 2017 May - Jun;5(3):669-675 (IF – 6.96, Ranked 2/26 in Allergy (Q1), Num. of citations – 12)

18. QT Prolongation as an Isolated Long-Term Cardiac Manifestation of Dichlorvos Organophosphate Poisoning in Rats.

Shiyovich A, Matot R, Elyagon S, Liel-Cohen N, **Rosman Y**, Shrot S, Kassirer M, Katz A, Etzion Y.

Cardiovasc Toxicol. 2018 Feb;18(1):24-32 (IF – 2.71, Ranked 37/92 in Toxicology (Q2))

19. Measuring thrombin activity in frozen brain tissue.

Reuveni G, Golderman V, Shavit-Stein E, **Rosman Y**, Shrot S, Chapman J, Harnof S. Neuroreport. 2017 Dec 6;28(17): (IF – 1.39, Ranked 222/258 in Neuroscience (Q4))

20. Venom Immunotherapy in High-Risk Patients: The Advantage of the Rush Build-Up Protocol.

**Rosman Y**, Confino-Cohen R, Goldberg A.

Int Arch Allergy Immunol. 2017;174(1):45-51. (IF – 2.72, Ranked 17/26 in Allergy (Q3), Num. of citations – 1)

21. Omalizumab for the Treatment of Solar Urticaria: Case Series and Systematic Review of the Literature.

Snast I, Kremer N, Lapidot M, Enk CD, Tal Y, **Rosman Y**, Confino-Cohen R, Hodak E, Levi A.

J Allergy Clin Immunol Pract. 2018 Jul - Aug;6(4):1198-120 (IF – 6.96, Ranked 2/26 in Allergy (Q1), Num. of citations – 6)

22. Long-Term Follow-Up After Penicillin Allergy Delabeling in Ambulatory Patients.

Lachover-Roth I, Sharon S, **Rosman Y**, Meir-Shafir K, Confino-Cohen R.

J Allergy Clin Immunol Pract. 2019 Jan;7(1):231-235 (IF – 6.96, Ranked 2/26 in Allergy (Q1), Num. of citations – 1)

### **B.3. REVIEW ARTICLES**

1. The importance of the Cochrane Collaboration

**Rosman Y**, Shoenfeld Y.

*Harefuah*. 2003 Oct;142(10):674-6 (No IF)



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2. Organophosphate degrading microorganisms and enzymes as biocatalysts in environmental and personal decontamination applications.  
Yair S1, Ofer B, Arik E, Shai S, **Rosman Y**, Tzvika D, Amir K  
*Crit Rev Biotechnol. 2008;28(4):265-75.* ( IF – 7.83, Ranked 9/165 in Biotechnology and Applied Microbiology, Num. of citations – 24)
3. Carbamate poisoning: treatment recommendations in the setting of a mass casualties event.  
**Rosman Y**, Makarovsky I, Bentur Y, Shrot S, Dushnistky T, Krivoy A.  
*Am J Emerg Med. 2009 Nov;27(9):1117-24.* ( IF – 1.15, Ranked 13/25 in Emergency Medicine, Num. of citations – 26)
4. Antibiotic therapy in autoimmune disorders.  
**Rosman Y**, Lidar M, Shoenfeld Y  
*Clinical Practice, January 2014, Vol. 11, No. 1, 91-103* (No IF)
5. Long-term complications of sulfur mustard exposure: a therapeutic update.  
Shiyovich A, **Rosman Y**, Krivoy A, Statlender L, Kassirer M, Shrot S.  
*Harefuah. 2014 Mar-Apr;153(3-4):199-205, 237* (No IF, Num. of citations – 1)

**C. CHAPTERS IN BOOKS**

1. Clinical Picture in Adulthood and Unusual and Peculiar Clinical Features of FMF  
Ilan Ben-Zvi, Merav Lidar, Eitan Giat, Olga Kukuy, Yaron Zafirir, Chagai Grossman,  
**Yossi Rosman**, Avi Livneh.  
In "Familial Mediterranean Fever", Edt. Marco Gattorno, Springer International Publishing Switzerland 2015

**F. BOOKS EDITED**

1. מיכה קסירר, **יוסי רוסמן**. הספר הלבן מהדורה 3, טוקסיקולוגיה, פרמקולוגיה וטיפול בנפגעים מחומרי לחימה כימיים. הוצאת משהב"ט, 2015.

**H. Reviewer (International Journals)**

1. *JAMA pediatrics*
2. *Infections Disease reports*
3. *Plos One*
4. *JACI in Practice*