

## CURRICULUM VITAE

### 1. Personal Details

Name: Arnon Blum, MD  
Place of Birth: Israel  
Marital Status: Married + 3  
ECFMG certificate (0-326-756-4): Valid Indefinitely  
Email address: [navablum@hotmail.com](mailto:navablum@hotmail.com)

### 2. Education

- 1974-1981 Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel  
M.D. Degree received July 1982
- 1987-1991 Haddasah Ein-Kerem, Jerusalem, Internal Medicine  
Passed the Israeli Board examinations in **Internal Medicine**,  
November 1991
- 1991-1994 Fellowship in Cardiology, Beilinson Medical Center  
Passed the Israeli Board examinations in **Cardiology**,  
November 1995
- 1994-1997 Fellowship in Interventional Cardiology, Tel-Aviv  
Medical Center
- 1996-1997 **Master Degree in Cardiology**, Tel-Aviv University
- 1997-1998 National Institutes of Health, Bethesda, MD, USA  
One year program, *Core Course in Medical Research*
- 1998-1999 National Institutes of Health, Bethesda, MD, USA  
One year program, *Clinical Pharmaceutics and Pharmacokinetics*

### 3. Academic Appointments

- 2011 **Visiting Professor of Cardiology**; Miller School of Medicine.  
Interdisciplinary Stem Cell Institute, University of Miami, Florida 33136 USA
- 2010 **Visiting Professor of Cardiology**, University of Vermont, USA
- 1999-2011 Clinical Senior Lecturer, Ruth and Baruch Rappaport Faculty  
of Medicine, Technion Institute of Technology, Haifa Israel
- 2006-2008 **Senior Research Fellow**, Translational Medicine Branch, Cardiology  
Department, National Heart Lung and Blood Institute, National Institutes of  
Health, Bethesda MD USA
- 2003 **Visiting Professor of Cardiology**, Cardiology Department, University of Vermont,  
USA
- 1997-1999 **Visiting Scientist**, Cardiology Branch, NHLBI, National Institutes of Health,  
Bethesda, MD, 20892, USA
- 1989-1994 Instructor and Tutor of 4th and 6th grades students.  
Sackler School of Medicine, Tel-Aviv University, Tel-Aviv Israel
- 1988-1989 Instructor. Hebrew University, Hadassah Ein-Kerem, Jerusalem, Israel

### 4. Professional Experience

- 8/2011-2013 **Stem Cell Transplantation for Cardiovascular Diseases**
- 4/1999-8/2011 Director, Department of Medicine, Baruch-Padeh Poria Hospital**
- 6/2006-7/2008 **Senior Research Fellow**, Translational Branch, NHLBI, NIH  
Bethesda MD, USA
- 6/2002-6/2003 Director, Department of Internal Medicine A, Tel-Aviv  
Sourasky Medical Center, Tel-Aviv, Israel
- 5/1997-6/1999 **Visiting Scientist**, Cardiology Branch, NHLBI, NIH,  
Bethesda, MD, 20892, USA
- 1994-1997 **Fellow in Interventional Cardiology**, Tel-Aviv Medical Center,  
Tel-Aviv, Israel

1991-1994      **Fellow in Cardiology & Heart Transplantation**, Beilinson Medical Center,  
Israel

1989-1991      Senior Resident, Internal Medicine F, Tel-Hashomer Medical Center

1986-1989      **Resident and Senior Resident**, Internal Medicine A,  
Haddassah Ein-Kerem, Jerusalem

1982-1986      **Flight Surgeon**, Israeli Air Force

1980-1981      Internship, Tel-Hashomer

## **5. Research Interests**

- Endothelial Progenitor Stem Cell Research
- Endothelial Function and Vascular Biology
- Heart Failure and Preventive Cardiology
- Stem Cell Transplantation for Cardiovascular Disease

## **6. Teaching Experience**

1. 1987-1990 - Instructor of Internal Medicine; Hebrew University; Hadassah Ein-Kerem, Jerusalem, Israel
2. 1990-1991 - Instructor and Tutor of 4th and 6th grades students. Internal Medicine. Sackler School of Medicine; Tel-Aviv University, Israel
3. 1991-1994 – Tutor and Instructor of 6<sup>th</sup> grade students in Cardiology. Sackler School of Medicine Tel-Aviv University Israel
4. 1999-2011 – Clinical Senior Lecturer in Internal Medicine – 4<sup>th</sup> and 6<sup>th</sup> grades, Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel

## **7. Technion Activities**

2000-2011 – Member of the Graduate Studies Committee

## 8. Public Professional Activities

2011 : Steering Committee of the 2nd Bio-Medical Conference in Tel-Hai College.

2010 : Steering Committee of the 1<sup>st</sup> Bio-Medical Conference in Tel-Hai College.

2008-2011: **Secretary of the Heart Failure Interest Group**, the Israeli Heart Foundation

Since 2004: Member of the Scientific Council Committee of Fellowship Credentials, the Israel Medical Association

### Membership in Professional Societies

Since 2001: Israeli Internal Medicine Society.

Since 1999: Israeli Clinical Cardiology in the Community

Since 1999: Israeli Intensive Cardiac Care

Since 1996: Israeli Heart Association

Since 1995: Israeli Association of Transplantation

Since 1994: International Society of Heart Research- European Section

Since 1988: Israeli Allergy and Clinical Immunology Society

### Journals & Honors

#### Editor in Chief

- **Journal of Clinical Case Reports**

#### Associate Editor in Chief

- Clinical Medicine Insights: Cardiology

#### Editor

- Central European Journal of Medicine
- **Standing Editor** - *Journal of Cardiovascular Disease Research* (JCDR)
- **Special Issue Editor-in-Chief** (Endothelial Function and Vascular Biology) – Journal of Vascular Medicine
- Special Issue **Guest Editor** – Recent Patents on Inflammation & Allergy Drug Discovery

#### Editorial Board:

- Clinical Medicine Insights: Cardiology
- Was in the European Journal of Internal Medicine
- The Open Nitric Oxide Journal (open access)
- Harefuah
- Clinical Medicine Reviews in Women's Health

- Journal of Geriatric Cardiology
- Journal of Cardiovascular Disease Research
- Journal of Clinical Case Reports

**Ad Hoc Reviewer of:**

The American Journal of Cardiology

The Israeli Medical Association Journal

Heart

Circulation

JACC

Coronary Artery Disease

Arteriosclerosis, Thrombosis, and Vascular Biology

The Lancet

Nature

The Journal of Thrombosis Research

JAMA

British Medical Journal

European Journal of Internal Medicine

European Journal of Pharmacology

Atherosclerosis

Clinical Cardiology

Cardiology

Cytotherapy

International Journal of Cardiology

Annals of Internal Medicine

**10. Honors**

- 1995: Winner of the **Henri Neufeld Research Award**
- 1997: Winner of the **Kellerman Research Award for Young Scientists**
- 2004: Winner of **“the Best Clinical Research”** Competition/Meeting of the Israeli

Society for Research, Prevention, and Treatment of Atherosclerosis

- 2004: **Teva-Danone** Award

## **11. Students & Instruction**

### **MD Thesis**

1. 2005-2006: Endothelial Function in Sickle Cell Anemia – Dr. Ahmed Hativ  
Graduated with excellence  
Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel
2. 2004-2006: Periodontitis and Endothelial Function – Dr. Tatour Sameh  
Graduated with excellence  
Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel
3. 2005-2006: Tomato-rich diet and high-sensitive C Reactive Protein & Vascular Inflammation – Dr. Irit Warzinsky:  
Graduated with excellence  
Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel
4. 2010-2011: Bariatric Surgery and Vascular Inflammation.  
Liali Shaich-Suliman.  
Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel.
5. 2010-2011: The effect of H.Pylori on vascular inflammation and endothelial function.  
Keren Mualem.  
Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel

### **Master Degree**

1. 2005-2007: Community program for blood pressure control –  
Rizak Sirchan, M.P.H.  
Haifa University, School of Public Health, Haifa Israel
2. 2009-2012: The effect of anemia on endothelial progenitor stem cells in patients with acute coronary syndrome.  
Aya Solomon, M.Sc.  
Ruth and Baruch Rappaport Faculty of Medicine, Technion Institute of Technology, Haifa Israel

### **Basic Sciences part of the Fellowship Programs in Medicine**

1. **Periodontitis and Endothelial Function** – Dr. Konstantin Kruger
2. **Endothelial Function and Fracture Healing** – Dr. Oleg Zarakh
3. **The Effects of Bariatric Surgery on Endothelial Function and Vascular Inflammation** – Dr. Oxana Podvitzki
4. **The Association between Microvascular and Macrovascular Disease in Diabetes Mellitus type II** - Dr. Dorina Sachua

### **12. Research Grants**

- 1996: Department of Health (Israel) - “Serum Amyloid type A - a Marker of Restenosis”  
\$5000  
PI: Arnon Blum, MD
- 1999: Protein International Technologies -  
“The Effects of Soy Protein on Endothelial Function and Vascular Inflammation in Postmenopausal Women”  
**\$40,000**  
PI: Arnon Blum, MD
- 2004: Danona – the scientific committee -  
“Tomatoes and high sensitive C reactive protein”.  
\$10,000  
PI: Arnon Blum, MD
- 2012: applied to the AHA clinical grant –  
“Studying Endothelial Function and Endothelial Progenitor Stem Cells’ Colonies Before and After Heart Mesenchymal Stem Cell Transplantation”  
PI: Arnon Blum, MD
- 2012: applied to the B&D clinical grant –stem cell research  
“Studying Endothelial Function and Endothelial Progenitor Stem Cells’ Colonies Before and After Heart Mesenchymal Stem Cell Transplantation”  
PI: Arnon Blum, MD

**13. Significant Professional Projects:**

1. The Effects of Soy Protein on Vascular Inflammatory Markers in Postmenopausal Women – 2002.
2. The Effects of Soy Protein on Endothelial Function in Postmenopausal Women with Mild Hypercholesterolemia - 2002/3.
3. Endothelial Function in Eclampsia – 2002/3/4
4. Periodontitis and Endothelial Function – 2002/3/4
5. Endothelial Function in Sickle Cell Anemia – 2003/4
6. Red Blood Cell Vesicles in Acute Myocardial Infarction – 2003/4
7. The Effect of Tomatoes-Rich Diet on Vascular Inflammation – 2004-6
8. Heart Failure, endothelial function and endothelial stem cells – 2008-2010
9. Diabetes Mellitus and endothelial stem cells – 2008-2010
10. Sickle cell anemia and Viagra – 2008-2010
11. COPD and vascular disease – 2008-2010
12. Depression and recovery time from infections – 2008-2010
13. Ischemic stroke, the immunological profile, and vascular responsiveness – 2008-2010
14. Breast cancer and vascular responsiveness – 2008-2010
15. Obesity, bypass surgery, endothelial function, and endothelial progenitor stem cells – 2008-2010
16. Studying Endothelial Function and Endothelial Progenitor Stem Cells' Colonies Before and After Heart Mesenchymal Stem Cell Transplantation – 2011-2012



## 14. Publications

### Original Articles

1. Kraus Y, **Blum A.**, Rubinov A.  
Hyperthyroidism and systemic lupus erythematosus: chance or genetic predisposition?  
Clinical and Exp Rheum 9(4): 438-440, 1991.
2. **Blum A.**, Rubinov A., Galun E.  
Predominance of renal involvement in male SLE patients compared to females.  
Clinical and Exp Rheum 9(2): 206-208, 1991.
3. Rechavia E, **Blum A.**, Mager A, Strasberg B, Sclarovsky S  
Electrocardiographic Q waves Inconstancy during Thrombolysis in Acute Anterior  
Myocardial Infarction  
Cardiology 80:392-398, 1992.
4. Levy M., **Blum A.**, Caraco Y., Granit L., Zylber-Katz E.  
The Pharmacokinetics of the Dipyron Product 4-Methylaminoantipyrine in Patients  
with Liver Cirrhosis.  
Drug Investigation 4(3): 219-226, 1992.
5. Birnbaum Y, Sclarovsky S, **Blum A.**, Strasberg B  
Prognostic significance of the initial ECG pattern in patients with a first anterior  
myocardial infarction.  
**Chest** 103: 1681-1687, 1993.
6. **Blum A.**, Rechavia E., Sclarovsky S.  
“Infective myocardial infarction”  
**Chest** 103: 1084-1086, 1993.
7. **Blum A.**, Sclarovsky S., Rechavia E., Shohat B  
T-lymphocyte subpopulations and Interleukin-1 beta and soluble Interleukine-2 Receptor  
In Acute Myocardial Infarction  
**American Heart J** 127: 1226-1230, 1994.
8. **Blum A.**, Shohat B, Sclarovsky S  
T-lymphocyte activation in stable angina pectoris and following PTCA  
**Circulation** 91: 20-22, 1995.
9. **Blum A.**, Vardinon N., Kaplan G., Laniado S., Yust I., Miller H.  
Autoimmune and inflammatory responses might have an additive effect in post  
percutaneous transluminal coronary angioplasty (PTCA) restenosis.  
**The American Journal of Cardiology** 81(3): 339-341, 1998.

10. **Blum A.**, Giladi M., Weinberg M., Kaplan, Pasternak H., Laniado S., Miller H.  
High anti-cytomegalovirus (CMV) IgG antibody titer may characterize coronary artery disease patients and might predict post coronary balloon angioplasty restenosis.  
*The American Journal of Cardiology* 81(7): 866-868, 1998.
11. **Blum A.**, Vardinon N., Kaplan G., Laniado S., Yust I., Miller H.  
Serum Amyloid Type A (SAA) may be a predictor of restenosis.  
*Clinical Cardiology* 21: 655-658, 1998.
12. **Blum A.**, Porat R, Rosenschein U., Keren G., Roth A, Laniado S, Miller H.  
Clinical and inflammatory effects of dietary L-arginine in patients with intractable angina pectoris.  
*The American Journal of Cardiology* 83(10): 1488-1490, 1999.
13. Kon Koh K., **Blum A.**, Hathaway L., Mincemoyer R.  
Vascular Effects of Estrogen and Vitamin E Therapies in Postmenopausal Women.  
*Circulation* 100: 1851-1857, 1999.
14. **Blum A.**, Hathaway L., Mincemoyer R., Schenke W., Kirby M., Csako G., Panza J., Cannon R.O. III.  
Effects of oral L-arginine on endothelium-dependent vasodilation and markers of inflammation in healthy postmenopausal women.  
*Journal of the American College of Cardiology* 35(2): 271-276, 2000.
15. **Blum A.**, Cannon R.O. III, Costillo R., Schenke W.H., Csako G.  
Endocrine and lipid effects of oral L-arginine treatment in healthy postmenopausal women.  
*Journal of Laboratory and Clinical Medicine* – 135(3): 231-237, 2000
16. **Blum A.**, Hathaway L., Mincemoyer R., Schenke W., Csako G., Cannon R.O. III.  
Oral L-arginine in patients with coronary artery disease on medical management  
*Circulation* 101(18): 2160-2164, 2000.
17. **Blum A.**, Schenke W.H., Hathaway L., Mincemoyer R., Csako G., Waclawiw M.A., Cannon R.O. III.  
Effects of estrogen and the selective estrogen receptor modulator raloxifene on markers of inflammation in postmenopausal women.  
*The American Journal of Cardiology* – 86(8): 892-895, 2000.
18. **Blum A.**, Hathaway L., Mincemoyer R., Schenke W.H., Csako G., Waclawiw M.A., Panza J.A., Cannon R.O. III.  
Hormonal, lipoprotein, and vascular effects of the selective estrogen receptor modulator raloxifene in hypercholesterolemic men.  
*The American Journal of Cardiology* 85(12): 1491-1494, 2000.

19. **Blum A.**, Lupovitch S., Khazim K., Peleg A., Gumanovsky A., Jawabreh S.  
Homocysteine levels in patients with risk factors to atherosclerosis.  
*Clinical Cardiology* 24 (6): 463-466, 2001.
20. Ardans J.A., **Blum A.**, Mangan P.R., Wientroub S., Cannon R.O. III, Wahl L.M.  
Raloxifene mediated increase in matrix metalloproteinase-1 production by monocytes.  
*Arteriosclerosis, Thrombosis and Vascular Biology* 21(8): 1265-1268, 2001.
21. **Blum A.**, Lang N, Peleg A, Vigder F, Israeli P, Elgazi A, Ben-Ami M.  
Effects of oral soy protein on markers of inflammation in postmenopausal women with mild hypercholesterolemia  
*American Heart Journal* – 145(2): 356, (e7), 2003.
22. **Blum A.**, Lang N., Peleg A., Vigder F., Israeli P., Gumanovsky M., Lupovitz S., Elgazi A., Ben-Ami M.  
Effects of oral soy protein on the endothelial function of postmenopausal women with mild hypercholesterolemia.  
*Clinical Investigation Journal*–26(1): 20-26, 2003.
23. **Blum A.**, Safori G, Hoffman M., Hous N, Lupovitch S. The prognostic value of High-sensitive C-reactive Protein and Cardiac Troponin T in patients with angina pectoris without ECG changes.  
*European Journal of Internal Medicine* –14(5): 310-314, 2003.
24. **Blum A.**, Peleg A., Weinberg M  
Anti-Cytomegalovirus (CMV) IgG antibody titer in patients with risk factors to atherosclerosis  
*Clinical and Experimental Medicine* – 3(3): 157-160, 2003.
25. **Blum A.**, Schneider DJ, Sobel BE, Dauerman H.  
Endothelial Dysfunction and Inflammation after Percutaneous Coronary Intervention  
*American Journal of Cardiology*-94: 1420-1423, 2004.
26. Aggarwal A, **Blum A.**, Schneider DJ, Sobel BE, Dauerman H.  
Soluble CD40 Ligand is an Early Initiator of Inflammation after Coronary Intervention.  
*Coronary Artery Disease*-15(8): 471-5, 2004.
27. **Blum A.**, Massachi R, Miller H.  
The Predictive Value of the White Blood Cell Count on the Success of Primary Percutaneous Intervention (PCI) of the Left Anterior Descending (LAD) Artery in Patients Admitted with Acute Anterior Wall Myocardial Infarction  
*European Journal of Internal Medicine*–15(3):176-180, 2004.

28. Burke M, Furman A, Hoffman M, Marmor S, **Blum A.**, Yust I.  
Lung cancer in patients with HIV infection: is it AIDS-related?  
HIV Med 5(2):110-4, 2004.
29. **Blum A.**, Reisner S., Y. Farbstein  
Transesophageal Echocardiography (TEE) vs. Transthoracic Echocardiography (TTE) in assessing cardio-vascular sources of emboli in patients with acute ischemic stroke  
**Medical Science Monitor**- 10(9): CR521-523, 2004.
30. **Blum A.**, Hadas V., Burke M, Yust I., Kessler A.  
Viral load of the human immunodeficiency virus (HIV) could be an independent risk factor for endothelial dysfunction  
**Clinical Cardiology**- 28: 149-153, 2005.
31. **Blum A.**, Peleg A, Merei M, Tatour I, Khazim K, Simsolo C, Yegane S.  
High-sensitivity C-Reactive Protein (hs-CRP) level in patients with Sickle Cell Anemia.  
HAEMA- 8(3): 462-464, 2005.
32. **Blum A.**, Yeganeh S. Peleg A, Vigder F, Kryuger K, Khatib A, Khazim K, Dauerman H.  
Endothelial function in patients with sickle cell anemia during and after sickle cell crises  
Journal of Thrombosis and Thrombolysis – 19(2): 83-6, 2005.
33. **Blum A.**, Khazim K, Merei M., Peleg A, Blum N, and Weispapir V.  
The Stroke Trial - Can We Predict Clinical Outcome of Patients with Ischemic Stroke by Measuring Soluble Cell Adhesion Molecules (CAM)?  
**European Cytokine Network**–17(4): 295-298, 2006.
34. **Blum A.**, Mashiach-Eizenberg M, Simsolo C.  
Diagnosing Pulmonary Emboli: Importance of the Clinical Assessment  
Medical Hypotheses and Research – 3(1): 623-628, 2006.
35. **Blum A.**, Merei M., Karem A., Blum N., Ben-Arzi S., Wirsansky I., Khazim K.  
Effects of Tomatoes on the Lipid Profile  
Clinical and Investigative Medicine–29(5): 298-300, 2006.
36. **Blum A.**, Merei M, Khazim K, Peleg A, Blum N.  
Tomato-Rich (Mediterranean) Diet does not modify inflammatory markers.  
Clinical and Investigative Medicine – 30(2): 100-104, 2007.
37. **Blum A.**, Kryuger K, Mashiach-Eizenberg M., Vigder F, Tatour S, Laster Z, Front E.  
Periodontal care may improve endothelial function.  
European Journal of Internal Medicine – 18(4): 295-298, 2007.

38. **Blum A.**, Peleg A, Front E.  
Periodontal Care may Improve Vascular Inflammation.  
Clinical and Investigative Medicine 30(3): 114-117, 2007.
39. **Blum A.**, Hijazi I, Mashiach-Eizenberg M, Blum N.  
Homocysteine (Hcy) Follow-Up Study  
Clinical and Investigative Medicine–30(1): 21-25, 2007.
40. Lipponcott MF, Carlow A, Desai A, **Blum A.**, Rodrigo M, Patibandla S, McCoy PJ, Zalos G, Smith K, Schenke WH, Csako G, Waclawiw MA, Cannon RO III.  
Relation of Endothelial Function to Cardiovascular Risk in Women with Sedentary Occupations and without known Cardiovascular Disease  
*American Journal of Cardiology* 102(3): 348-52, 2008.
41. Lipponcott MF, Desai A, Zalos G, Carlow A, DeJesus J, **Blum A.**, Smith K, Rodrigo M, Schenke WH, Csako G, Waclawiw MA, Cannon RO III.  
Predictors of Endothelial Function in Employees with Sedentary Occupations in a Worksite Exercise Program  
*American Journal of Cardiology* 102(7): 820-824, 2008.
42. **Blum A.**, Costello R, Csako G, Zalos G, Samsel L, McCoy P, Cannon RO III.  
The Variability of High-Sensitivity C-Reactive Protein levels in Stable Angina Pectoris Coronary Artery Disease Patients  
Israel Medical Association Journal 11: 602-605, 2009.
43. Desai A., Glaser A, Liu D, Raghavachari N, **Blum A.**, Zalos G, Lippincott M, McCoy J P, Munson PJ, Cannon RO III.  
Microarray-based characterization of a colony assay used to investigate endothelial progenitor cells and relevance to endothelial function in humans.  
*Atherosclerosis Thrombosis and Vascular Biology* 29(1):121-127, 2009.
44. **Blum A.**, Childs R, McCoy P, Csako G.  
Targeted antagonism of CXCR4 mobilizes progenitor cells under investigation for cardiovascular disease.  
*Cytotherapy* 11(8): 1016-1019, 2009.
45. **Blum A.**, Blum N  
Are men and women created equal?  
*Gender Medicine* – 6(3): 410-418, 2009.
46. \*Liu D, \*Glaser AP, \*Patibandla S, **Blum A.**, Munson PJ, McCoy JP, Raghavachari N, Cannon RO III.  
Transcriptional profiling of CD133+ cells in coronary artery disease and effects of exercise on gene expression.  
*Cytotherapy* 13: 227-236, 2011

47. **Blum A**, Vaispapir V, Haiek S  
Inflammatory Response in the first 48 hours of Acute Ischemic Stroke  
*Journal of Neurology Research* –1(1):16-21, 2011
48. **Blum A**, Sirchan R, Abu-Shkara F, Keinan-Boker L.  
Abdominal Circumference and Recurrent Hospitalizations May Affect the Clinical Outcome of Patients with Acute Heart Failure  
*Experimental & Clinical Cardiology* – 16(2): 40-42, 2011.
49. **Blum A**, Simsolo C, Haiek S, Sirchan R.  
“Obesity paradox” in patients with chronic obstructive pulmonary disease (COPD)  
*Israel Medical Association Journal* – 13: 672-675, 2011.
50. **Blum A**, Sirchan R, Keinan-Boker L.  
Gender Effects on Acute Heart Failure  
*International Journal of Clinical Medicine* – 2(3): 254-259, 2011.
51. **Blum A**, Zarqh O, Peleg A, Sirchan R, Blum N, Salameh Y, Ganaem M.  
Vascular Inflammation and Endothelial Dysfunction in Fracture Healing  
*The American Journal of Orthopedics* – 41(2): 87-91, 2012.
52. Salomon A, **Blum A**, Peleg A, Lev E, Leshem-Lev D, Hasin Y.  
Endothelial Progenitor Cells Are Suppressed in Anemic Patients with Acute Coronary Syndrome  
*The American Journal of Medicine* 125 (6): 604-611, 2012.
53. **Blum A**, Tamir S, Mualem K, Ben-Shushan R, Keinan-Boker L, Paritsky M.  
Endothelial Dysfunction is Reversible in Helicobacter Pylori Positive Subjects  
*The American Journal of Medicine* 124(12): 1171-4, 2011
54. **Blum A**, Vaispapir V, Rizak S, Ben Yehuda H, Keinan-Boker L, Soboh S, Tamir S  
Endothelial Dysfunction and Pro-Coagulant Activity in Acute Ischemic Stroke  
*Journal of Vascular and Interventional Neurology* –5(1):33-9, 2012
55. **Blum A**, Socea D, Ben Shushan RS, Keinan-Boker L, Naftali M, Tamir S.  
Decrease in Vascular Endothelial Growth Factor and in Systemic Inflammatory Markers Predicts the Development of Diabetic Proliferative Retinopathy  
**European Cytokine Network – in press**
56. **Blum A**, Tamir S, Hazzan D, Podvitzky O, Sirchan R, Keinan-Boker L, Ben-Shushan RS, Blum N, Shaich Suliman L, Geron N  
Gender Effect on Vascular Inflammation Post Bariatric Surgery for Weight Loss.  
**The American Journal of Surgery – in press**

57. **Blum A.**, Socea D, Ben Shushan RS, Keinan-Boker L, Segol G, Tamir S.  
Clinical Characteristics of Diabetic Patients at Different Stages of Diabetic Retinopathy  
Submitted
58. **Blum A.**, Tamir S, Hazzan D, Podvitzky O, Sirchan R, Keinan-Boker L, Ben-Shushan RS,  
Blum N, Shaich Suliman L, Geron N  
Gender Effect on Vascular Responsiveness Post Bariatric Surgery  
Submitted
59. **Blum A.**, Simsolo C, Sirchan R.  
Vascular Responsiveness in Patients with Chronic Obstructive Pulmonary Disease (COPD)  
Submitted

### **Editorial publications**

- **Blum A.**, Heyman A.  
Mesna - an uroprotective agent  
Harefua 117(9): 278-9, 1989.
- Hatzistergos K, **Blum A.**, Ince T, Grichnik JM, Hare JM  
What is the oncologic risk of stem cell treatment for heart disease?  
**Circulation Research** – 108(11): 1300-1303, 2011.

### **Case Reports**

1. **Blum A.**, Ben-Yehuda A.  
Acute reversible renal failure complicating acute hepatitis A  
Harefua 118 (7): 388, 1990
2. Ben-Yehuda A., **Blum A.**, Lichowitzki G., Flusser D., Tur-Kaspa R.  
Chlorpromazine induced liver and bone marrow granulomatous associated with  
agranulocytosis.  
Isr J Med Sci 26:449-451, 1990
3. Burstein M., **Blum A.**, Heiman A.  
Non-thrombocytopenic purpura induced by cefoxitin  
Drug Intel & Clin Pharm 24: 206, 1990
4. **Blum A.**  
Ofloxacin induced acute severe hepatitis.  
**South Med J** 84(9): 1158, 1991.

5. **Blum A.**, Nusem I., Sharon S.  
Drug interaction: Rifampine & Corticosteroides  
Harefua 120(12): 734-736, 1991.
6. **Blum A.**, Lubezki A., Sclarovski S.  
Black scorpion sting: two case reports and review of the literature.  
**Clinical Cardiology** 15(5): 377-378, 1992
7. **Blum A.**, Ezra D.  
Severe GIT bleeding induced by a probable hydroxycoumarine-bezafibrate interaction  
Israel Journal of Medical Sciences 28:47-9, 1992
8. **Blum A.**, Miller H.  
The Fleeting Nature of the LIMA  
Gazzeta Medica Italiana 156:17-8, 1997
9. **Blum A.**, Jawabreh S., Gumanovsky M., Soboh S.  
Scorpion Envenomation with Myocardial Damage  
The Israel Medical Association Journal 2:318-9, 2000
10. Kurzbaum A., Simsolo C., Ludmilla K, **Blum A.**  
Toxic delirium due to Datura Stramonium  
Israel Medical Association Journal 3(7): 538-9, 2001
11. Vaispapur V., **Blum A.**, Soboh S., Ashkenazi H.  
West Nile Virus (WNV) Meningoencephalitis with Optic Neuritis  
**Archives of Internal Medicine** 162(5): 606-7, 2002
12. **Blum A.**, Ashkenazi H., Haromankov I, Khazim K., Sheiman J.  
Cardiac manifestations of Fabry's disease; Report of a case with 1<sup>st</sup> degree AV block and restrictive physiology  
**Southern Medical Journal** 96(2): 212-3, 2003
13. **Blum A.**, Tatour I, Simsolo C.  
Vipera Palestinae Envenomation Induced Bradycardia  
European Journal of Internal Medicine 15(2): 134, 2004
14. Simsolo C, Tatour I, Vigder F, **Blum A.**  
Pulmonary Hypoplasia  
Israel Medical Association Journal 6:494-495, 2004
15. Leikin A, Merai M, Dahan E, **Blum A.**  
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16. Dahan E, Simsolo C, Merei M, Vigder F, Tatour I, **Blum A.**  
Varicella-Zoster infection and pulmonary complications  
European Journal of Internal Medicine 16(6): 449-450, 2005
17. Khazim K, Simsolo C, Nahir M, Vigder F, **Blum A.**  
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Israel Medical Association Journal 8(2): 140-141, 2006
18. **Blum A.,** Abboud W., Shajrawi I., Tatour I.  
Prolonged Fever due to Silicone Granulomatosis.  
Israel Medical Association Journal 9: 1-2, 2007
19. **Blum A.**, Simsolo C, Elhanan E, Tatour I.  
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Israel Medical Association Journal – 11: 699-700, 2009.
20. **Blum A.**, Shalabi R, Brofman T, Shajrawi I.  
Cardiac manifestations of Ulcerative Colitis  
Israel Medical Association Journal – 9: 764-765, 2009.
21. **Blum A.**, Podvitzky O, Shieman J, Khasin M.  
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**Archives of Internal Medicine** – 169(20): 1925-1926, 2009.
22. **Blum A.**, Shalabi R.  
Osler Weber Rendu and Heart Failure  
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23. **Blum A.,** Simsolo C.  
Acute Unilateral Sensorineural Hearing Loss due to H1N1 Infection  
Israel Medical Association Journal – 12: 450, 2010
24. **Blum A.**, Podvitzky O, Shalabi R, Simsolo C.  
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Israel Medical Association Journal – 12: 640-641, 2010.
25. Atlas I, Kruger C, **Blum A.**  
Superior Vena Cava Syndrome in a Patient with Severe Thrombocytopenia  
**QJM** – 103(11): 885-886, 2010.
26. **Blum A.,** Gaban W, Slonimsky G, Simsolo C.  
Metformin induced hemolysis.  
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Angioedema induced by angiotensin converting enzyme inhibitors (ACEi).  
Journal of Clinical Case Reports – in press

## **Review Papers**

1. **Blum A.**, Shalit M.  
Anaphylactic reaction - update  
Harefua 117 (12): 449-452, 1989.
2. **Blum A.**, Kraus Y.  
Postpartum thyroid dysfunction  
Harefua 118 (4): 226-228, 1990.
3. **Blum A.**  
Hurthle cell thyroid neoplasms  
Harefua 119 (12): 451, 1990.
4. **Blum A.**, Shalit M.  
Tilade (nedocromil sodium): a new antiasthmatic agent  
Harefua 118(6): 353-354, 1990.
5. Burstein M., **Blum A.**, Heiman A.  
Non-thrombocytopenic purpura induced by cefoxitin  
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6. **Blum A.**, Nusem I., Sharon S.  
Drug interaction: Rifampine & Corticosteroides  
Harefua 120(12):734-736, 1991.
7. **Blum A.**, Engelhard D.  
Gancyclovir - the drug of choice for CMV infection  
Harefua 121(7, 8):255-9, 1991.
8. **Blum A.**  
Rheumatic fever - an immunogenetic disease  
Harefua 123(1, 2):40-2, 1992.
9. **Blum A.**  
The influence of interleukin 1 on blood cells and the vascular bed  
Harefua (Editorial) 124 (3): 173-174, 1993.

10. **Blum A.**  
Immunologic mechanisms in atherosclerosis  
Harefua 127(10):401-2, 1994.
11. **Blum A.**, Aravot D.  
Heart transplantation - an update  
**Clinical Cardiology** 19: 930-8, 1996.
12. **Blum A.**, Miller H.  
The role of inflammation in atherosclerosis  
Israel Journal of Medical Sciences 32(11): 1059-1065, 1996.
13. **Blum A.**, Miller H.  
Role of cytokines in heart failure  
**American Heart Journal** 135:181-186, 1998.
14. **Blum A.**, Cannon RO III.  
Effects of Oestrogens and Selective Oestrogen Receptor Modulators on Serum Lipoproteins and Vascular Function  
**Current Opinion in Lipidology** 9:575-586, 1998.
15. **Blum A.**, Miller H.  
The Effects of L-arginine on Atherosclerosis and Heart Disease  
Acute Cardiac Care 2:97-100, 1999.
16. **Blum A.**, Cannon RO III.  
Hormone Replacement Therapy for Prevention or treatment of Atherosclerosis in Postmenopausal Women: Promises, Controversies, and Clinical Trials.  
**American Journal of Geriatric Cardiology** 9(2): 81-8, 2000.
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The Major Histocompatibility Complex (MHC) and Inflammation  
**Southern Medical Journal** 93(2): 169-172, 2000.
18. **Blum A.**, Shapira Y, Yagne S, Rabinkov M.  
Mitral Valve Prolapse and Thromboembolic Events  
Israel Medical Association Journal–3:282-3, 2001.
19. **Blum A.**, Miller H.  
L-Arginine – What Have We Learned So Far?  
Journal of the Israel Heart Society–11(2): 4-8, 2001.
20. **Blum A.**, Cannon R.O.III  
L-arginine for the prevention and treatment of coronary artery disease  
**Coronary Artery Disease** - Review in Depth–12:535-9, 2001.

21. **Blum A.**, Cannon R.O.III  
The Effects of Raloxifene (Selective Estrogen Receptor Modulator) on the Endothelium-Dependent Vasodilation and the Vascular Inflammation in Postmenopausal Women and Hypercholesterolemic Men  
*Annals of the New York Academy of Sciences*–949:168-174, 2001.
22. **Blum A.**, Sheiman J, Hasin Y.  
Leukocytes in Acute Myocardial Infarction  
*Israel Medical Association Journal* – 4(11): 1060-1065, 2002.
23. **Blum A.**  
Beneficial Effects of Soy Protein on Endothelium-Dependent Vasodilation - Future Directions  
*Israel Medical Association Journal*–5(1): 56-8, 2003.
24. **Blum A.**, Shenhav M, Baruch R, Hoffman M.  
Endothelium Dysfunction in Preeclampsia and Eclampsia: Current Etiology and Future Non-Invasive Assessment  
*Israel Medical Association Journal* – 5: 724-726, 2003.
25. **Blum A.**, Yagene S.  
The Role of T-Lymphocyte Subpopulations in Acute Myocardial Infarction  
*European Journal of Internal Medicine*–14(7): 407-410, 2003.
26. Hoffman M, **Blum A.**, Baruch R, Kaplan E, Benjamin M.  
Leukocytes and coronary heart disease  
*Atherosclerosis* – 172(1): 1-6, 2004.
27. **Blum A.**, Simsolo C, Hasin Y.  
3-Hydroxy 3-Methyl Glutaryl Coenzyme A (HMG-CoA) reductase inhibitors (Statins), atherosclerosis and coronary syndromes  
*Atherosclerosis* – 175(1): 1-5, 2004.
28. **Blum A.**, Simsolo C.  
The Anti-Phospholipid Syndrome and Endothelial Function  
*Israel Medical Association Journal* 6:556-558, 2004.
29. **Blum A.**, Merei M, Wirsansky I, Ben-Arzi S.  
The Beneficial Effects of Tomatoes  
*European Journal of Internal Medicine* – 16(6): 402-404, 2005.

30. **Blum A.**, Tatour I, Merei M, Khazim K, Simsolo C.  
Gallstones in pregnancy and their complications: Postpartum Acute Pancreatitis and Acute Peritonitis  
European Journal of Internal Medicine – 16(7): 473-476, 2005.
31. **Blum A.**, Front E.  
Periodontitis, Endothelial Dysfunction and Atherosclerosis  
**Vascular Disease Prevention** – 3(1): 57-60, 2006.
32. **Blum A.**  
Red blood cell vesicles and the endothelium  
HAEMA – 9(1): 149-151, 2006.
33. **Blum A.**  
Soluble CD40 Ligand and Atherosclerosis: Linking Thrombosis and Inflammation  
HAEMA – 9(3): 361-366, 2006.
34. Blum N., **Blum A.**  
Beneficial Effects of Sauna Bathing for Heart Failure Patients  
Experimental and Clinical Cardiology – 12(1): 29-32, 2007.
35. **Blum A.**  
The Possible Role of Red Blood Cell Microvesicles in Atherosclerosis  
European Journal of Internal Medicine – 20(2): 101-105, 2009.
36. **Blum A.**  
Heart Failure – New Mechanistic Insights  
Israel Medical Association Journal – 12: 105-111, 2009.
37. **Blum A.**  
Immunological Mediated Therapies for Heart Failure  
Israel Medical Association Journal – 11: 301-305, 2009.
38. **Blum A.**  
Treating Heart Failure with Nitric Oxide Enhancement Vehicle - Sildenafil  
**Congestive Heart Failure** – 15(4): 181-185, 2009.
39. **Blum A.**, Shamburek R  
The Pleiotropic Effects of Statins on Endothelial Function, Vascular Inflammation, Immunomodulation and Thrombogenesis.  
**Atherosclerosis** – 203: 325-330, 2009.
40. **Blum A.**  
The “Forgotten Side Effect” of Thiazides  
**American Journal of Pharmacology and Toxicology** – 4(4): 174-176, 2009.

41. **Blum A**, Samirah A. Gomes, Kostas K,  
Osteopontin Function and Interaction with Vascular Calcification and Atherosclerosis  
Submitted
42. **Blum A**, Balkan W, Hare JM  
Advances in cell-based therapy for peripheral vascular disease  
*Atherosclerosis* 223(2): 269-277, 2012.

## **Books**

- **The Role of Inflammation in Atherosclerosis.**  
Chapter 22, pp. 221-230. In: *Frontiers in Interventional Cardiology* edited by R. Beyar, G. Keren, M. Leon, P. Serruys; Martin Dunitz Ltd 1997.
- Pathophysiological Role of Cytokines in Congestive Heart Failure.  
*Annual Review of Medicine* 52 (1): 15-27, 2001.
- Selective Estrogen Receptor Modulator Effects on serum lipoproteins and vascular function in postmenopausal women and in hypercholesterolemic men.  
*Annals of the New York Academy of Sciences*; Volume 949, December 2001.
- **Grossman's catheterization, angiography and interventions.** 8<sup>th</sup> edition – 2012.  
**Stem cell delivery to the failing heart.**  
Hare JM, **Blum A**, Heldman A

## 15. Conferences

### *Invited Lectures in Scientific Meetings*

#### International meetings

1. The Role of Inflammation in Atherosclerosis and Restenosis.  
The 2nd international meeting in Interventional Cardiology, 1997, Israel
2. Endothelial Function Assessment & Clinical Implications.  
*The New England Annual Conference in Interventional Cardiology*, 2003
3. **Early detection of high-risk patients with cardiovascular disease.**  
**HARVARD, VA hospital and Brigham and Women hospital, Boston, USA 2009**

4. **Predicting Sudden Death and Heart Attack – August 2011, Vermont University, Burlington USA**  
**University of Miami** – Staff meeting – October 2011
5. **Heart Failure – New Insights – August 2011, Vermont University, Burlington USA**
6. **Cardiovascular Risk assessment by stem cells function – 2<sup>nd</sup> Annual Lectureships on Stem Cells – University of Miami Florida USA** – February 2012.

### National meetings

- **Smoking and Endothelial Function**; L-arginine as a possible solution to the vascular endothelial side-effects of smoking.  
The 6<sup>th</sup> Israeli Congress of General Practice – Family Medicine, 1999, Israel
- **L-arginine** – an international symposium. The “Dead Sea Conference”, July 2000.  
Organized by “Caretec”
- **Infections, Inflammation & Atherosclerosis.**  
The Israeli Clinical Chemistry Annual Meeting, January 2001, Tel-Aviv
- Early high dose statin therapy in ACS – rationale and evidence.  
Annual meeting of the Intensive Coronary Care Society, Tel-Aviv, November 2001
- **Endothelial Function in Young Patients with Sickle Cell Disease** during Sickle Cell Crises and During Steady State  
The Israeli Annual Hematology Meeting – July 2004
- **Endothelial function** as a key event in **homeostasis.**  
The 1<sup>st</sup> Galilee Bio-Medicine Conference – October 2010.
- **Early detection of cardiovascular diseases by non-invasive methods.**  
Grand Rounds – Western Galilee Naharya Regional Hospital – November 2010  
Shaare-Zedek Hospital, Jerusalem – March 2011.
- **Chairperson of the Annual Meeting of the Israeli Society of Internal Medicine –**
  - A. Gender Effect on Acute Heart Failure
  - B. Abdominal Circumference Effect on Acute Heart Failure
February 9, 2011, Dan Carmel Haifa Israel

## Grand Rounds and Seminars

- **The Effects of Soy Protein on Endothelial Function in Postmenopausal Women.**  
Cardiology Department, **Grand Round, University of Vermont** 2003
- **Cardiovascular Risk, Endothelial Cells and the Power of Exercise:  
NHLBI's "Keep the Beat" Program**  
The Cardiovascular Seminar – July 2007, **NIH, Bethesda MD, USA**
- **New insights in cardiovascular risk assessment.** October 2008,  
Baruch-Padeh Poria Hospital
- **The Pleotropic Effects of Statins.** April 2009, Baruch-Padeh Poria Hospital
- **Venothromboemboli (VTE) Prevention.** May 2009, Baruch-Padeh Poria Hospital
- **Predicting Sudden Death** and Heart Attack. June 2010, Baruch-Padeh Poria Hospital
- **Heart Failure – New Insights.** June 2010, Baruch-Padeh Poria Hospital
- **Personalized Medicine in Cardiovascular Disease – can we predict the future?**
  - 1). **SHAARE ZEDEK Research Grand Rounds** – March 2011.
  - 2). VT University, Burlington, Ground Round – August 2011.
- **Studying Endothelial Function and Endothelial Progenitor Stem Cells' Colonies  
Before and After Heart Mesenchymal Stem Cell Transplantation –  
Interdisciplinary Stem Cell Institute, University of Miami Florida USA – July 2011**
  - **The DEAN's lectures – February 23<sup>rd</sup> 2012 – Novel approaches to diagnose risk factors  
in cardiovascular disease, using stem cells' technologies for risk assessment and  
management.**

## **Papers Presented at Scientific Meetings**

1. **Blum A.**, Rechavia E., Sclarovsky S.  
Phosphate level in AMI  
Isr Heart Meeting 1992
2. **Blum A.**, Shohat B, Sclarovski S  
sIL-2R level in AMI  
22nd annual meeting of the immunological society 1992



3. **Blum A.**, Shohat B.  
sIL-2R level in AMI - an immunologic clinical prospective study  
Isr Heart Meeting 1993 (Isr J Med Sc)
4. **Blum A.**, Shohat B, Sclarovsky S  
Cytokine interactions in AMI  
Isr Heart Meeting 1994
5. **Blum A.**, Shohat B, Sclarovsky S  
T-lymphocyte subpopulations in AMI  
Isr Heart Meeting 1994
6. **Blum A.**, Shohat B.  
T cells, IL-1 and IL-2 in AMI: prediction and prognosis  
Isr Heart Meeting 1994
7. **Blum A.**, Shohat B.  
sIL-2R - a marker of restenosis?  
2 Isr cardiac research meeting 1995  
1st intern congress in interventional cardiology 1995
8. **Blum A.**, Shohat B, Sclarovsky S  
T-lymphocyte activation in stable angina pectoris  
Isr Heart Meeting, 1995
9. **Blum A.**, Miller H.  
Characterization of the angina pectoris syndrome by inflammatory markers  
Isr Annual Heart Meeting 1996  
Isr Annual Cardiac Research Meeting 1996  
4th world congress on Heart Failure, Israel, 1996  
2nd international congress on phagocytes, Italy, 1996
10. **Blum A.**, Miller H.  
Coronary inflammation - a prolonged phenomenon after PTCA  
Isr Annual Heart Meeting 1996  
Isr Annual Cardiac Research 1996  
4th congress on heart failure, Israel, 1996  
2nd international congress on phagocytes, Italy, 1996
11. **Blum A.**, Vardinon N., Laniado S., Miller H.  
Autoantibodies - a marker of restenosis  
5th world congress on Heart Failure; Washington DC, USA; May 11-14, 1997

12. **Blum A.**, Weinberg M., Giladi M., Miller H.  
Anticytomegalovirus (CMV) Antibodies - A Marker of Restenosis  
5th world congress on Heart Failure; Washington DC, USA; May 11-14, 1997
13. **Blum A.**, Vardinon N., Miller H.  
Autoantibodies in coronary artery disease  
5th world congress on Heart Failure; Washington DC, USA; May 11-14, 1997
14. **Blum A.**, Weinberg M., Miller H.  
Anticytomegalovirus antibodies and coronary artery disease  
5th world congress on Heart Failure; Washington DC, USA; May 11-14, 1997
15. **Blum A.**, Miller H.  
Serum Amyloid Type A - a marker of Restenosis  
Isr Heart Meeting 1997
16. **Blum A.**, Martha Kirby, William H. Schenke, Kwang K. Koh, Cannon R.O. III.  
Estrogen Inhibits Cell Adhesion Molecule Expression in Postmenopausal Women.  
AHA 1998.  
National Institutes of Health Festival, 1998
17. Kwang KK, **Blum A.**, Cannon R.O. III  
Vitamin E Improves Endothelium-dependent Vasodilator Responsiveness Comparable to Estrogen in Postmenopausal Women.  
AHA 1998
18. Koh K.K., **Blum A.**, Schenke W.H., Hathaway L., Mincemoyer R., Panza J.A., Cannon R.O. III. Effects of Estrogen and Vitamin E on Nitric Oxide Bioactivity and Markers of Inflammation in Postmenopausal Women  
ACC 1999
19. **Blum A.**, Schenke W.H., Hathaway L., Mincemoyer R., Panza J.A., Cannon R.O. III.  
Vascular Effects of Oral L-arginine Therapy in Patients with Coronary Artery Disease on Conventional Medical Management.  
American College of Cardiology 1999  
4<sup>th</sup> International Congress on Coronary Artery Disease: from prevention to intervention. Prague, Czech Republic, October 21-24, 2001.
20. **Blum A.**, Hathaway L., Mincemoyer R., Schenke W.H., Cannon R.O. III.  
Hormonal and lipoprotein effects of selective estrogen receptor modulator therapy in hypercholesterolemic men.  
AHA 1999

21. **Blum A.**, Schenke W.H., Hathaway L., Mincemoyer R., Cannon R.O. III. Effects of estrogen and raloxifene on markers of vascular inflammation in postmenopausal women.  
AHA 1999
22. Zanger D., **Blum A.**, Hathaway L., Mincemoyer R., Panza J., Schenke W.H., Cannon R.O. III. Vascular effects of estrogen therapy in postmenopausal women with coronary artery disease on conventional medical management.  
AHA 1999.
23. **Blum A.**, Lupovitch S., Khazim K., Peleg A., Ostashkov A., Gumanovsky M., Jawabreh S. Homocysteine levels in patients with risk factors to atherosclerosis. V Interventional Meeting on new perspectives in Ischemic Heart Disease, Heart Failure, Atherosclerosis and Hypertension in the Beginning of the New Millennium.  
Bologna, Italy. February 23-26, 2000  
A. The 47<sup>th</sup> Meeting of the Israel Heart Society  
B. 3<sup>rd</sup> International Congress on Coronary Artery Disease – from prevention to Intervention; Lyon, France, October 2-5, 2000.
24. **Blum A.**, Peleg A., Weinberg M., Lupovitch S., Ostashkov A., Khazim K., Jawabreh S. Anti CMV IgG antibody titer in patients with risk factors to develop atherosclerosis.  
The 47<sup>th</sup> Meeting of the Israel Heart Society 2001
25. **Blum A.**, Ostashkov A, Lupovitch S, Khazim K, Peleg A, Gumanovsky M, Jawabreh S. Vitamin B12 level in patients with risk factors to atherosclerosis.  
The 47<sup>th</sup> Meeting of the Israel Heart Society 2001
26. **Blum A.**, Khalid K., Jawabreh S., Gumanovsky M. Acute infections and coronary syndromes  
The 47<sup>th</sup> Meeting of the Israel Heart Society 2001
27. **Blum A.**, Lang N., Vigder F., Israeli P., Gumanovsky M., Lupovitz S., Elgazi A., Peleg A., Ben-Ami M. Effects of oral soy protein on endothelium-dependent vasodilation and lipid profile in postmenopausal women with mild hypercholesterolemia.  
The 48<sup>th</sup> annual conference of the Israel Heart Society, Jerusalem, April 1-3, 2001  
4<sup>th</sup> International Congress on Coronary Artery Disease; from Prevention to Intervention  
Prague, Czech Republic, October 21-24, 2001.

28. **Blum A.**, Kessler A., Vardinon N., Hadass V., Burke M., Yust I.  
Effect of viral load on endothelial function in HIV positive patients.  
8<sup>th</sup> European Conference on Clinical Aspects and Treatment of HIV-Infection.  
Athens, 28-31 October 2001.  
The 49<sup>th</sup> annual meeting of the Israel Heart Society, 22-23 April, 2002
29. **Blum A.**, Lang N., Vigder F., Israeli P., Gumanovsky M., Lupovitz S., Elgazi A., Peleg A., Ben-Ami M. Effects of oral soy protein on markers of inflammation in postmenopausal women with mild hypercholesterolemia.  
The 49<sup>th</sup> annual meeting of the Israel Heart Society 22-23 April 2002
30. **Blum A.**, G. Safori, N. Hous, S. Lupovitch, A. Kurzbaum. The prognostic value of high-sensitivity C-reactive protein and cardiac troponin T in patients with angina pectoris without ECG changes.  
The 49<sup>th</sup> annual meeting of the Israel Heart Society, 22-23 April 2002
31. **Blum A.**, Peleg A, Vigder F, Kryuger K, Khazim K, Yeganeh S.  
Endothelial Function in Young Patients with Sickle Cell Disease during Sickle Cell Crises and during Steady State Conditions  
Annual Meeting of the Israeli Society for Research, Prevention and Treatment of Atherosclerosis  
May 28, 2004; the Bruce Rappaport Faculty of Medicine, Haifa, Israel
32. **Blum A.**, Schneider D, Sobel BE, Dauerman HL.  
Vascular Dysfunction and Inflammation after Coronary Stenting  
Annual Meeting of the Israeli Society for Research, Prevention and Treatment of Atherosclerosis; May 28, 2004, the Bruce Rappaport Faculty of Medicine, Haifa, Israel
33. **Blum A.**, Hadas V, Burke M, Yust I, Kessler A.  
Viral load of the human immunodeficiency virus (HIV) could be an independent risk factor for endothelial dysfunction.  
April 13, 2005. The 52<sup>nd</sup> annual meeting of the Israeli Heart Association, Tel-Aviv, Israel.  
**EFIM 5** Paris 2005, 31 August-3 September
36. **Blum A.**, Yeganeh S, Peleg A, Vigder F, Kruger K, Khatib A, Khazim K.  
Endothelial function in patients with sickle cell anemia during and after sickle cell crises  
April 14, 2005. The 52<sup>nd</sup> annual meeting of the Israeli Heart Association, Tel-Aviv, Israel.

35. **Blum A.**, Front E.  
Dental care may prevent cardiovascular complications.  
12<sup>th</sup> world congress on heart disease-new trends in research, diagnosis and treatment,  
Vancouver, BC, Canada, July 16-10, 2005  
The Journal of Heart Disease – volume 4, number 1; July 2005  
53<sup>rd</sup> conference of the Israeli Heart Association, Tel-Aviv, April 2006  
18<sup>th</sup> Israeli Medical Association – World Fellowship International Conference:  
“Advanced Technologies in Medicine” April 11-15, Jerusalem, Israel
  
36. **Blum A.**, Yeganeh S, Peleg A, Vigder F, Kruger K, Khatib A, Khazim K.  
Endothelial function in patients with sickle cell anemia during and after sickle cell crises  
12<sup>th</sup> world congress on heart disease-new trends in research, diagnosis and treatment,  
Vancouver, BC, Canada, July 16-10, 2005  
The Journal of Heart Disease – volume 4 number 1; July 2005  
**EFIM 5** Paris 2005, 31 August-3 September
  
37. **Blum A.**, Merei M, Simsolo C, Vaispapir V.  
The Stroke Trial – can we predict clinical outcome by cell adhesion molecules?  
53<sup>rd</sup> conference of the Israeli Heart Association, Tel-Aviv, April 2006
  
38. **Blum A.**, Merei M, Blum N, Farbstein Y.  
Effects of Tomatoes on the Lipid Profile  
53<sup>rd</sup> conference of the Israeli Heart Association, Tel-Aviv, April 2006
  
39. **Blum A.**, Merei M, Blum N, Farbstein Y.  
Effects of Tomatoes on Markers of Inflammation  
53<sup>rd</sup> conference of the Israeli Heart Association, Tel-Aviv, April 2006
  
40. Chaudhry H, Glaser A, Desai A, Lippincott M, **Blum A.**, Zalos G, Smith K, Carlow A,  
Rodrigo M, Cannon R.  
Differential Effects of Exercise on Lipoprotein Profiles in Caucasian and African-American  
Women.  
**20<sup>th</sup> NIH Research Festival**, September 25-28, 2007
  
41. Glazer A, Chaudhry H, Lippincott M, Desai A, Zalos G, Carlow A, **Blum A.**, Smith K,  
Rodrigo M, Patibandla S, Cannon R.  
Impact of Daily Exercise on Cardiovascular Risk in Sedentary Women: The NHLBI "Keep  
the Beat" Program.  
**20<sup>th</sup> NIH Research Festival**, September 25-28, 2007
  
42. **Blum A.**, Costello R, Zalos G, Quan M, Csako G, Cannon RO.  
Fluctuations in Levels of C-Reactive Protein Over Brief Intervals in Patients with Coronary  
Artery Disease  
**ACC**, Chicago USA 2008

43. Desai A, Lippincott M, **Blum A.**, Zalos G, Carlow A, Rodrigo M, Cannon RO III.  
Brief periods of daily exercise at the work place improve cardiovascular risk profile: the NHLBI “Keep the Beat” Program  
ACC, Chicago USA 2008
44. **Blum A.**, Smith A, Childs R, McCoy P, Cannon RO III.  
CXCR4 antagonism mobilizes endothelial progenitor cells into the circulation.  
**AHA** USA 2008.
45. **Blum A.**, Sirchan R, AbuShkara F, Haiek S.  
Gender Differences among Heart Failure Patients  
The 57<sup>th</sup> Annual Congress of the Israel Heart Society
46. **Blum A.**, Vaispapir V, Haiek S, Shalabi R.  
Immunological Response may affect the clinical outcome in Acute Vascular Stroke.  
\*The 57<sup>th</sup> Annual Congress of the Israel Heart Society.  
\*The 3rd International Conference on Hypertension, Lipids, Diabetes and Stroke  
Prevention. March 4-6 , 2010, Berlin, Germany
47. **Blum A.**, Sirchan R, AbuShkara F, Haiek S.  
Heart Failure, Periphebral Artery Disease, and Weight – Is there a mechanistic  
association?  
The 57<sup>th</sup> Annual Congress of the Israel Heart Society
48. **Blum A.**, Sirchan R, Keinan-Boker L.  
Gender Effect on Acute Heart Failure.  
The Annual Meeting of the Israeli Internal Medicine Society February 9<sup>th</sup>, 2011
49. **Blum A.**, Sirchan R, Keinan-Boker L.  
Abdominal Circumference and Recurrent Admissions predict the clinical outcome of patients  
with acute heart failure.  
The Annual Meeting of the Israeli Internal Medicine Society February 9<sup>th</sup>, 2011
50. **Blum A.**, Vaispapir V.  
Endothelial Dysfunction and Platelet Activation following Acute Ischemic Stroke  
IHS 59<sup>th</sup> annual meeting, Tel-Aviv, April 16-17 2012
51. **Blum A.**, and the Orthopedic Department  
Vascular Inflammation and Endothelial Dysfunction in Fracture Healing  
IHS 59<sup>th</sup> annual meeting, Tel-Aviv, April 16-17 2012
52. **Blum A.**, and the Surgery Department  
Gender Effect on Vascular Inflammation Following Bariatric Surgery  
IHS 59<sup>th</sup> annual meeting, Tel-Aviv, April 16-17 2012

53. **Blum A.**, and the Gastro group  
Endothelial Dysfunction is Reversible in Helicobacter Pylori Positive Subjects  
IHS 59<sup>th</sup> annual meeting, Tel-Aviv, April 16-17 2012
54. **Blum A.**, and the Ophthalmologic Department  
VEGF and Markers of Inflammation decrease in Diabetic Proliferative Retinopathy  
IHS 59<sup>th</sup> annual meeting, Tel-Aviv, April 16-17 2012
55. **Blum A.**, Sitammagari K, Velazquez DL, Zambrano JP, Fishman J, Tracy M, O'Neill W,  
Suncion V, Heldman AW, Hare JM  
**Stem Cell Transplantation Reverses Ischemic Mitral Regurgitation (IMR)**  
"Best Original Resuscitation Science Poster Session and Luncheon"  
**AHA Los Angeles Nov 2012.**

#### **G. Other Publications (Letters to the Editor)**

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