

**CURRICULUM VITAE**  
**Vincent A. DeBari, Ph.D.**

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PROFESSIONAL ADDRESS:	Dept. of Medicine, SHU-SHMS c/o Dept. of Medical Education St. Michael's Medical Center 268 ML King Dr. Newark NJ 07102	
CERTIFICATION:	American Board of Bioanalysis, Clinical Laboratory Director High-Complexity Clinical Laboratory Director (recertified annually)	1990-1993 1994-2001
EDUCATION:	B.S. (Chemistry), Fordham University	1967
	M.S. (Chemistry), Newark College of Engineering Thesis: Biochemical Oxidation of Pentaerythritol And Pentaerythrityl Tetraacetate by <i>Bacillus subtilis</i> . (Mentor: Dr. G.L. Ram)	1970
	Ph.D. (Zoology/Biochemistry) Rutgers University Dissertation: Regulation of the Hexose Monophosphate Pathway by Cyclic Nucleotides and Divalent Cations In the Human Erythrocyte. (Mentor: Dr. A. Bennun).	1981
PROFESSIONAL EXPERIENCE:	Witco Chemical Corporation Oakland, New Jersey <u>Research &amp; Development Chemist</u>	1967-1973
	St. Joseph's Regional Medical Center Paterson, New Jersey The Renal Laboratory <u>Research Chemist/Supervisor</u> <u>Laboratory Director</u>	1973-1981 1981-1989
	Division of Rheumatology and Clinical Immunology <u>Director, The Rheumatology Laboratory</u>	1989-1999
	Department of Internal Medicine <u>Director of Research</u> <u>Director, Laboratory of Experimental Medicine</u>	1989 - 2004 1999 - 2004
	<u>Director of Research</u> (Institutional) <u>Consulting Research Specialist</u> ( <i>per diem</i> )	2001 - 2004 2004-Present
	Seton Hall University School of Health & Med. Sciences South Orange, NJ <u>Professor of Medicine</u>	2004-Present

ACADEMIC EXPERIENCE:	<u>Adjunct Instructor</u> , Dept. of Biology St. Peter's College, Jersey City, NJ	1977-1979
	<u>Teaching Assistant</u> Department of Zoology & Physiology Rutgers University, Newark, NJ	1977-1979
	<u>Visiting Specialist in Clinical Biochemistry</u> Department of Biology Montclair State College, Montclair, NJ	1982
	<u>Adjunct Assistant Professor</u> , Dept. of Biology Seton Hall University, South Orange, NJ St. Peter's College, Jersey City, NJ	1981-1988 1981-1984
	<u>Associate of the Graduate Faculty</u> , Rutgers University, Newark, NJ	1984-1989
	<u>Adjunct Associate Professor</u> <u>Adjunct Professor</u> Department of Biology Seton Hall University, South Orange, NJ	1989-1999 2004-Present
	<u>Associate Professor</u> <u>Professor of Internal Medicine</u> School of Graduate Medical Education Seton Hall University	1988-1995 1996-Present
	<u>Member</u> , Research Committee <u>Chairman</u>	1989-Present 1989-1998 2005-present
	<u>Director of Research</u> , Rheumatology Division <u>Director of Research</u> , Internal Medicine Training Program A	1989-1998
	<u>Member</u> , Continuing Education Committee Member, University Institutional Review Board	1990-Present 2005-present
	<u>Member</u> , Research Committee, Northeast OPTI New England College of Osteopathic Medicine University of New England Biddeford, ME	2001-Present
	<u>Chairman</u>	2003-2005 2009-present
	<u>Clinical Professor of Internal Medicine</u>	2007-Present
	<u>Associate Professor of Medicine</u> St. George's University School of Medicine	2009- Present
CONSULTANT APPOINTMENTS:	Consultant in Immunochemistry Rutgers University	1981
	Affiliate Medical Staff (Medicine & Pathology) St. Joseph's Hospital & Medical Center Committees:	1981-Present

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	Animal Care and Use	1985-1988, 1995-1999
	Institutional Review Board	1986-2001
	Acting Chairman	1992-1994
	Chairman	1994-2001
CONSULTANT APPOINTMENTS (CONTINUED)	Medical Education	1988-2004
	Chairman, Sub-committee on Research	1988-1990
	Research Committee	1995-2004
	Chairman	2000-2004
	CME Committee	2000-2004
	Chairman	2000-2004
	Biomed Clinical Laboratories, Wayne, NJ	1985
	Micro-Membranes, Inc., Newark, NJ	1986-1989
	Rheumatology Division, Seton Hall School of Graduate Medical Education South Orange, NJ	1987
	Affiliate Medical Staff (Laboratory Medicine) St. Michael's Medical Center Newark, NJ	1988-1998
	The Cancer Laboratory GenCare Biomedical Research Corporation Mountainside, NJ	1989-1994
	Bio-Reference Laboratories Elmwood Park, NJ	1995-1996
	Academy of Medicine of NJ Princeton Junction, NJ	1996-2002
SCIENTIFIC INTERESTS:	Immunochemistry and Molecular Immunology Physiological and Clinical Chemistry Epidemiology and Biostatistics	
SOCIETY MEMBERSHIPS AND ACTIVITIES:	American Association for Clinical Chemistry	
	Alternate Counselor, NJ Section	1984-1986
	ACCENT Officer, NJ Section	1986-1990
	Education Chairman, Clinical and Diagnostic Immunology Division	1985-1987
	Chairman-Elect, NJ Section	1990
	Chairman	1991
	Chairman-Elect & Vice Chairman, Clinical & Diagnostic Immunology Div.	1989
	Chairman	1990-1993
	Newsletter Editor (Interim)	1993-1994
	American College of Rheumatology (Research Member)	
	American Federation for Clinical Research (Senior Member)	
	Counselor, Eastern Section	1990
	American Institute of Chemists	
	Association of Clinical Scientists	

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	Scientific Council	2006-Present
	Member, Credentials Committee	2006-Present
	“, Ethics and Prof. Relations Comm.	2006-Present
	Vice-President	2007- 2008
	President	2008-2009
	National Academy of Clinical Biochemistry	
	Member, Comm. On Research and Education	1993-1995
	National Council of University Research Administrators	
	New Jersey Academy of Science	
	Chairman, Publications Committee	1994-1995
	New York Academy of Sciences	
HONORS AND AWARDS:	New Jersey State Scholarship	1963-1967
	Sigma Xi	1982
	Who's Who (Frontier Science and Technology)	1983, 1985
	Clinical Chemists' Recognition Award	1984, 1987, 1990, 1992
	Fellow, American Institute of Chemists	1986
	Boston Biomedical Award (Best Abstract, CLAS National Meeting)	1989
	Distinguished Service Award, NJ Section, AACC	1989
	Fellow, Academy of Clinical Biochemistry	1989
	Bernard F. Gerulat Award and Lectureship, AACC	1990
	McCarrick Outstanding Educator Award (Seton Hall Univ.)	1991
	Who's Who in Science and Engineering	1993 - current
	Who's Who in the East	1996 - “
	Who's Who in Medicine and Healthcare	1997 - “
	Who's Who in America	1998 - “
	Who's Who in the World	2000- “
	Researcher of the Year, SHU-SHMS	2009
	Outstanding Instrumentation Research Paper of 2009 (AAMI)	2010
MAJOR MEETINGS CHAired:	Blood Cells Section: Vth International Congress of Histochemistry and Cytochemistry, Bucharest	1976
	Selected topics: Immunochemical Frontiers, AACC National Meeting, Chicago	1986
	Colloquium: Immunochemical Assays and Clinical Immunology, CliniChem-86, New York	1986
	Symposium: The Chemistry of the Immune System, AACC National Meeting, San Francisco	1987
	General Chairman, CliniChem-89	1989
	Symposium: Frontiers in Immunodiagnosics, CliniChem-89, Morristown, NJ	1989

Symposium Committee Chairman, Chair of  
Symposium on New Technologies in Immunoassay,  
CliniChem-92, Tarrytown, NY 1992

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Selected Topics Committee Chairman,  
45th National Meeting, AACC 1993

Co-Chairman, Session on Emerging  
Diseases and Public Health,  
Assoc. of Clinical Scientists 2007 National Meeting  
Hershey, PA 2007

Co-Chairman,  
Session on Clinical Science in Practice  
Assoc. of Clinical Scientists 2008 National Meeting  
Los Angeles, CA 2008

Co-Chairman,  
Session on Frontiers of Clinical Science  
Assoc. of Clinical Scientists 2009 National Meeting  
Tampa, FL 2009

Co-Chairman,  
Session on Clinical Science in Practice  
Assoc. of Clinical Scientists 2010 National Meeting  
San Antonio, TX 2010

PEER REVIEW  
ACTIVITIES:

Research and Grants Committee  
Lupus Erythematosus Foundation of NJ  
Member 1978-1983  
Chairman 1978-1980  
Reviewer, Clinical Chemistry 1989-Present  
Reviewer, Clinical Biochemistry 1990  
AFCR Foundation, grant reviewer 1990  
Reviewer, J. Clinical Immunoassay 1991  
Reviewer, Educ. Clearinghouse for Int. Med.  
APDIM/SGIM 1992-1995  
Co-Guest Editor (with S.S. Levinson),  
Journal of Clinical Immunoassay 17(4) 1994  
International Science Foundation, grant reviewer 1994  
Arthritis Found, NJ Chapter, grant reviewer 1994-2001  
Member, Editorial Board, Annals of Clinical and  
Laboratory Science 2001-Present  
Member, Editorial Board, The Open Clinical  
Chemistry Journal 2008-present  
Member, Editorial Board, Sleep Medicine 2010-present  
Reviewer, Seminars in Arthritis and Rheumatism 2007-Present  
Reviewer, Respiratory Medicine 2007-Present  
Reviewer, Journal of Postgraduate Medicine 2008-Present  
Reviewer, Advances in Clinical Chemistry 2009-Present  
Reviewer, Amer. Journal of Infection Control 2009-Present

RELATED AND

Committee on Hypertension Screening Project

COMMUNITY  
ACTIVITIES:

Family Health Center Advisory Board  
St. Mary's Hospital, Hoboken, NJ  
Chairman 1973-1974

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Childhood Hypertension Screening Project  
St. Joseph's Hospital & Medical Center  
Paterson, NJ  
Coordinator 1975-1976

Lupus Erythematosus Foundation of New Jersey  
Elmwood Park, NJ

Member, Board of Directors 1983-1990  
Vice President for Programming 1985-1987

Pequannock Township Board of Education

Pompton Plains, NJ  
Member 1986-1991

Curriculum & Community Committee

Member 1986-1991

Chairman 1987-1991

Finance & Facilities Committee

Member 1986-1987

Vice President 1989-1991

1990-1991

Bay Head Shores P.O.A.

Trustee 1993

## BIBLIOGRAPHY

### PART I. Peer-reviewed research papers in journals (regular articles unless otherwise noted)

1. DeBari, V.A., Coste, J.F. and Needle, M.A. (1975) Direct Spectrophotometric Observation of Intracellular Nitro-blue Tetrazolium and its Formazan by Multiple Internal Reflectance Infrared Spectroscopy. *Histochem.* 45; 83-88.
2. Keil, L.B., DeBari, V.A. and Needle, M.A. (1976) The Linearity of Reference Standard Values in the Radial Immunodiffusion Assay of Human C4 ( $\beta_{1e}$  globulin). *Clin. Biochem.* 9; 222-224 (Laboratory Note).
3. Coste, J.F., DeBari, V.A., Keil, L.B. and Needle, M.A. (1977) *In-vitro* Interactions of Oral Hematinics and Antacid Suspensions. *Current Ther. Res.* 22; 205-216.
4. DeBari, V.A. and Needle, M.A. (1977) The Adhesion of Blood Phagocytes to Zinc Selenide Studied by Reflectance - Infrared Spectroscopy. *J. Reticuloendothel. Soc.* 22;121-128.
5. DeBari, V.A. and Needle, M.A. (1978) The Two Dimensional Structure of Tetrazolium-Mucopolysaccharide Complexes Deduced from Reactivity Studies. *J. Histochem and Cytochem.* 26; 40-46.
6. DeBari, V.A. and Needle, M.A. (1978) Mechanism for Transport of Nitro-blue Tetrazolium into Viable and Non-viable Leukocytes. *Histochem.* 56; 155-163.
7. Krasopoulos, J.C., DeBari, V.A. and Needle, M.A. (1980) The Adsorption of Bile Salts on Activated Carbon. *Lipids* 15; 365-370.
8. DeBari, V.A. and Needle, M.A. (1981) Cation-complexed DNA. A Novel Class of Immunoabsorbents for Anti-DNA Antibodies. *J. Immunol. Meth.* 40; 89-94.
9. Greene, B.S., Halperin, L.S., DeBari, V.A. and Needle, M.A. (1981) Cation-complexed DNA: the Formation of Complexes Studied by Laser Light Scattering. *Appl. Biochem.* 3; 337-343.
10. Nicotra, J., DeBari, V.A. and Needle, M.A. (1982) Immunoabsorption of Anti-DNA Antibodies by DNA Bound to Agarose-poly-L-lysine. *Immunol. Lett.* 4; 249-252.
11. DeBari, V.A. and Bennun, A. (1982) Cyclic GMP in the Human Erythrocyte. Intracellular Levels and Transport in Normal Subjects and in Chronic Hemodialysis Patients. *Clin. Biochem.* 15; 219-221.
12. DeBari, V.A., Frank, O., Baker, H. and Needle, M.A. (1984) Water Soluble Vitamins in granulocytes, Erythrocytes and Plasma Obtained from Chronic Hemodialysis Patients. *Amer. J. Clin. Nutr.* 39; 410-415.
13. DeBari, V.A., Nicotra, J., Blaney, J.F., Schultz, E.F. and Needle, M.A. (1984) Differential Immunoabsorption Coupled with Rate Immunonephelometry for

the Estimation of DNA-binding Immunoglobulins. *Clin Chem.* 30; 1187-1192.

14. DeBari, V.A., Novak, N. and Bennun, A. (1984) Cyclic Nucleotide Metabolism in the Human Erythrocyte. *Clin. Physiol. Biochem.* 27; 227-238.
15. Keil, L.B., DeBari, V.A. and Needle, M.A. (1984) KB Cells for Antinuclear Antibody Determination: Comparison with Hep-2 Cells and the *Crithidia lucilliae* Assay. *Diag. Immunol.* 2; 213-218.
16. DeBari, V.A. and Needle, M.A. (1984) Polymorphonuclear Leukocyte Defects in Chronic Hemodialysis Patients. *Clin. Nephrol.* 22; 52 (Letter).
17. DeBari, V.A., Needle, M.A. and Bennun, A. (1985) Catalase as a Manganese-Dependent NADPH Peroxidase. *Biochem. Soc. Trans.* 13; 125-127 (Communication).
18. Bennun, A., Needle, M.A. and DeBari, V.A. (1985) Infrared Spectroscopy of Erythrocyte Plasma Membranes. *Biochem. Soc. Trans.* 13; 127-128 (Communication).
19. Bennun, A., Needle, M.A. and DeBari, V.A. (1985) Stimulation of the Hexose Monophosphate Pathway in the Human Erythrocyte by  $Mn^{+2}$ : Evidence for a  $Mn^{+2}$ -dependent NADPH Peroxidase Activity. *Biochem. Med.* 33; 17-21.
20. Bennun, A., Seidler, N. and DeBari, V.A. (1985) A Model for the Regulation of Haemoglobin Affinity for Oxygen. *Biochem. Soc. Trans.* 13; 364 (Communication).
21. Nicotra, J., Orsini, A.J. and DeBari, V.A. (1985) Chemiluminescence Response of the Human Polymorphonuclear Neutrophil to Lipopolysaccharides. *Cell Biophysics* 7; 283-291.
22. Orsini, A. J., Ingenito, A.C., Needle, M.A. and DeBari, V.A. (1987) The Neutrophil Response to Polystyrene Microspheres Bearing Defined Surface Functional Groups. *Cell Biophysics* 10; 33-43.
23. Belmonte, P.A., Keil, L.B. and DeBari, V.A. (1987) Characteristics of Antibodies Adsorbed on the DNA Immunoabsorbent, Agarose-poly-L-lysine-DNA. *Diag. Clin. Immunol.* 5: 144-150.
24. Keil, L.B. and DeBari, V.A. ((1988) Nephelometric and Immunodiffusion Assays for the Fourth Component of Complement in Acquired C1 Esterase Inhibitor Deficiency. *Clin. Chem.* 34; 427 (Technical Brief).
25. Mayer-Siuta, R., Keil, L.B. and DeBari, V.A. (1988) Autoantibodies and Circulating Immune Complexes in Subjects Infected with Human Immunodeficiency Virus. *Med. Microbiol. Immunol.* 177; 189-194.
26. Pugliese, C., LaSalle, M.D. and DeBari, V.A. (1988) Relationships between the Structure and Function of Lipopolysaccharide Chemotypes with Regard to their Effects on the Human Polymorphonuclear Neutrophil. *Molec. Immunol.* 25; 631-637.

27. Price, A.S., Keil, L.B. and DeBari, V.A. (1988) Immunocytochemical Localization of Cytoskeletal Antigens in KB and HEP-2 Cells. *Diag. Clin. Immunol.* 5; 400-413.
28. Cuttitta, J.D., Marlowe, B.D. and DeBari, V.A. (1989) Electrochemical Aspects of the Neutrophil Response to Surface-modified Polystyrene Microspheres. *Bioelectrochem. Bioenerg.* 21; 63-69.
29. LaSalle, M.D., Gentile, V.G., Pertussi, R., Keil, L.B. and DeBari, V.A. (1989) The Enzyme-linked Immunosorbent Assay of Antibodies to Vimentin in Patients with Systemic Lupus Erythematosus. *J. Clin. Immunoassay* 12; 111-114.
30. Weber, K., Hawruk, E. and DeBari, V.A. (1989) Interaction of Anti-DNA Antibodies with Synthetic Polyanionic Antigens. *J. Autoimmun.* 2; 851-859.
31. DeBari, V.A. (1990) More on Heme Protein-Pyridine Nucleotide Interactions. *Clin. Chem.* 36; 409 (Letter).
32. Moretti, D., Saini, H., Abner, S., Keil, L.B. and DeBari, V.A. (1990) The Development of a Membrane-based Screening Method to Detect Antibodies to Intermediate Filament Proteins. *J. Int. Fed. Clin. Chem.* 2; 232-237.
33. Keil, L.B., Gardiner, J.S. and DeBari, V.A. (1990) The Application of Pathway-specific Enzyme Immunoassays to the Study of Complement Activation by *Salmonella* Endotoxins. *J. Clin. Immunoassay* 13; 187-190.
34. Cassulis, P., Farhangfar, R. and DeBari, V.A. (1991) Immunoglobulin A Subclass Distribution in Serum from Patients with the Acquired Immunodeficiency Syndrome. *Clin. Biochem* 24; 277-281.
35. Weber, K., Hawruk, E. and DeBari, V.A. (1991) Detection of Polyanion Precipitins with Sera from Patients with Systemic Lupus Erythematosus and from Healthy Individuals. *Clin. Chem. & Enzymol. Commun.* 4; 57-61.
36. Cassulis, P., Magasic, M.V. and DeBari, V.A. (1991) Ligand Affinity Chromatographic Separation of Serum IgG on Recombinant Protein G-silica. *Clin. Chem.* 37; 882-886 (Scientific Note).
37. Gardiner, J.S., Keil, L.B. and DeBari, V.A. (1991) the *In-vitro* Formation of Complement Activation Products by Lipopolysaccharide Chemotypes of *Salmonella minnesota*. *Int. Arch. Allergy Appl. Immunol.* 96; 51-54.
38. Barbi, G., Keil, L.B., Gaito, A.D. and DeBari, V.A. (1992) Spectrotype Distributions of Circulating IgG from Patients with Systemic Lupus Erythematosus. *Clin. Chem.* 38; 1988-1994.
39. Todd, D.M., Miller, J.M., Rubin, A.D. and DeBari, V.A. (1992) Amplification of the *c-erbB-2* Oncogene in Breast Cancer and its Relationship to Estrogen and Progesterone Receptors. *Diag. Oncol.* 2; 313-317.
40. Miller, J.M., DeBari, V.A., Rubin, A.D. and Todd, D.M. (1992) Relationship among Prognostic Laboratory Indices in Breast Cancer. *J. Nat. Cancer Inst.* 84; 1833-1834 (Correspondence).

41. Keller, B., Keil, L.B., Dhar, R.K. and DeBari, V.A. (1993) Polyanion Inhibition of Cofactor-independent IgG Anticardiolipin Antibodies. *J. Clin. Immunoassay* 16; 173-176.
42. Keil, L.B., Barbi, G., Comizio, R. And DeBari, V.A. (1993) Mathematical Modeling of the Electrophoretic Distribution of IgG and the Detection of Clonotype Restrictions. *Clin. Chem* 39; 1985-1987.
43. DeBari, V.A. and Akl, Z.A. (1994) Laboratory and Clinical Features of Autoimmunity in Human Immunodeficiency Virus Infection. *J. Clin. Immunoassay* 17; 118-127.(Review article).
44. Keil, L.B., Jimenez, E., Guma, M., Delos Reyes, M., Liguori, C. and DeBari, V.A. (1995) The Biphasic Response of Complement to Heparin. Fluid Phase Generation of Neoantigens in Human Serum and in a Reconstituted Alternative Pathway Amplification Cycle. *Amer. J. Hematol.* 50; 254-262.
45. Keil, L.B., Galazka, M. El-Kadi, M.S., Erickson, Jr., E.N. and DeBari, V.A. (1995) Binding of  $\beta_2$  glycoprotein I to Activated Polystyrene and its Recognition by Human IgG Autoantibodies. *Biotech. Appl. Biochem.* 22; 305-313.
46. El-Kadi, M.S., Keil, L.B. and DeBari, V.A. (1995) Analytical and Clinical Relationships Between Human IgG Autoantibodies to  $\beta_2$  glycoprotein I and Anticardiolipin Antibodies. *J. Rheumatol.* 22; 2233-2237.
47. Erickson, Jr., E.N., Najmeh, S.S., El-Kadi, H.S., Keil, L.B. and DeBari, V.A. (1996) Reference Calibrators for IgG Antibodies to  $\beta_2$  glycoprotein I: Preparation, Properties and Availability to Investigators. *Clin. Chem.* 42; 1116-1117 (Technical Brief).
48. Najmeh, S.S., Erickson, Jr., E.N., Keil, L.B., and DeBari, V.A. (1996) Antibodies to  $\beta_2$  glycoprotein I. Standardized Immunoassay and a Reference Interval for Healthy Controls. *Proc. Assoc. Am. Physicians* 108; 467-472.
49. Najmeh, S.S., Keil, L.B., Adib, D.Y.R., and DeBari, V.A. (1997) The Association of Antibodies to  $\beta_2$  glycoprotein I with the Antiphospholipid Syndrome: A Meta-analysis. *Annals. Clin. Lab. Sci.* 27; 41-46.
50. Galazka, M, Keil, LB, Kohles, JD, Li, J, Kelty, SP, Petersheim, M and DeBari,VA. (1998) A Stable Multi-subunit Complex of  $\beta_2$ glycoprotein I. *Thrombosis Research* 90; 131-137.
51. Galazka, MW, Keil, LB, Kohles, J. Petersheim, M and DeBari, VA. (1998) Phospholipid-Independent Binding of  $\beta_2$ glycoprotein I by IgA from Patients with Antiphospholipid Syndrome. *Ann Clin Lab Sci.* 28; 153-159.
52. Lewis, S, Keil, L, Binder, WL and DeBari, VA. (1998) Standardized Measurement of Major Immunoglobulin Class (IgG, IgA and IgM) Antibodies to  $\beta_2$ glycoprotein I in Patients with Antiphospholipid Syndrome. *J Clin Lab Analysis* 12; 293-297.

53. Galazka, M, Tang, M, DeBari, VA, Kohles, JD, Lee, JK, Keil, LB and Petersheim, M. (1999) Modification of  $\beta_2$ glycoprotein I by Glutardialdehyde. Conformational Changes and Aggregation Accompany Exposure of the Cryptic Autoepitope. *Appl Biochem Biotechnol* 76;1-13.
54. Keil, LB, Eguchi, H and DeBari, VA. (1999) IgA Antiphospholipid Antibodies. *Thromb Haemostasis* 81; 319-320 (Letter).
55. Kohles, JD, Petersheim, M and DeBari,VA (1999) Inhibition of  $\beta_2$ glycoprotein I Binding to Anionic Phospholipids. A Strategy for the Development of Antiphospholipid Syndrome-Specific Drugs. *Drug Design Discov.* 16; 227-235
56. Odorczuk, M, Keil, LB and DeBari, VA (1999) Binding of Complement Component C1q to Anti- $\beta_2$ glycoprotein I Antibodies from Patients with Antiphospholipid Syndrome. *Inflamm.Res.* 48; 524-526 (Short Communication)
57. Kohles, JD., Petersheim, M and DeBari, VA. (1999) The Hololipoprotein Complex of  $\beta_2$ glycoprotein I and Dicaproyl Phosphatidylserine. *Int. J. Clin. Lab. Research* 29; 117-121
58. Kohles, JD, Weld, M, Asa'd, H, Gunning, P, Sterrett, JR and DeBari, VA. (2000) The Stability of Reconstituted Urokinase Solutions. *Curr. Ther. Res.* 61; 1-6
59. Maffey, K.G., Keil, L.B., and DeBari, V.A. (2001) The Influence of Lipid Composition and Divalent Cations on Annexin V Binding to Phospholipid Mixtures. *Annals Clin. Lab. Sci.* 31; 85-90
60. Mastrovich TA, Bithoney WG, DeBari VA and Gold, NA (2002). Point-of care Testing for Drugs of Abuse in an Urban Emergency Department. *Ann. Clin. Lab. Sci.* 32; 383-386
61. Hardasmalani, MD, DeBari, V, Bithoney, WG and Gold, N. (2005) Levalbuterol Versus Racemic Albuterol in the Treatment of Acute Exacerbation of Asthma in Children. *Pediatr. Emerg. Care.* 21; 415-419
62. Aziz, HS, Blamoun, AI, Shubair, MK, Ismael, MM, DeBari, VA and Khan, MA. (2005) Serum Magnesium levels and Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Retrospective Study. *Ann. Clin. Lab. Sci.* 35; 423-427
63. Aziz, H, Shubair, M, DeBari, VA, Ismael, M and Khan, MA. (2006) Assessment of Age-related Hepatotoxicity during Treatment of Latent Tuberculosis Infection. *Curr. Med. Res. Opin.* 22; 217-221 (Brief Report)
64. DeBari, VA (2006) Computation of Decision Levels from Differentiated Logistic Regression Probability Curves. *Ann. Clin. Lab. Sci.* 36; 194-200
65. Abo SM and DeBari VA (2007). Laboratory Evaluation of Antiphospholipid Syndrome. *Ann.Clin. Lab. Sci.* 37; 3-14 (Review Article)
66. Jayatilaka S, Shakov R, Eddi R, Bakaj G, Baddoura WJ and DeBari VA (2007). *Clostridium difficile* Infection in an Urban Medical Center: Five-year

Analysis of Infection Rates among Adult Admissions and Association with Proton Pump Inhibitors. *Ann. Clin. Lab Sci*: 37; 241-247

67. Blamoun AI, Batty GN, DeBari VA, Rashid AO, Sheikh M and Khan MA. (2008) Statins may Reduce Episodes of Exacerbation and the Requirement for Intubation in Patients with COPD. Evidence from a Retrospective Cohort Study. *Int J Clin Pract* 62; 1373–1378
68. Moammar MQ, Azam HM, Blamoun AI, Rashid AO, Ismail M, Khan MA and DeBari VA. (2008). The Alveolar-arterial Oxygen Gradient, Pneumonia Severity Index and Outcomes in Patients hospitalized with Community-acquired Pneumonia. *Clin Exp Pharm Physiol* 35, 1032–1037
69. Rashid AO, Azam HM, DeBari VA, Blamoun AI, Moammar MQ and Khan MA. (2008) Non-Anion Gap Acidosis in Asthma: Clinical and Laboratory Features and Outcomes for Hospitalized Patients. *Annals Clin Lab Sci* 38: 228-234
70. Blamoun AI, Alfakir M, Rella ME, Wojcik JM, Solis RA, Khan MA and DeBari, VA. (2009) Efficacy of an Expanded Ventilator Bundle for the Reduction of Ventilator-Associated Pneumonia in the Medical Intensive Care Unit. *Am J Infect Control* 37: 172-175
71. Parikh R, Faillace R, Hamdan A, Adinaro D, Pruden J, DeBari VA and Bikkina M (2009) An emergency Physician Activated Protocol, “Code-STEMI” reduces Door-to-Balloon Time and Length of Stay of Patients Presenting with ST-segment Elevation Myocardial Infarction. *Int J Clin Pract* 63: 398–406
72. Gupta P, Mittal L, Rizzo RA, Bikkina M and DeBari VA (2009) In-Use Comparison of Blood Pressure Measurements from an Automated Blood Pressure Instrument with those from a Mercury Sphygmomanometer. *Biomed Instrum Technol* 43: 158-163
73. Blamoun J, Alfakir M, Sedfawy AIR, Moammar MQ, Maroules M, Khan MA and DeBari VA (2009) The Association of D-dimer Levels with Clinical Outcomes in Patients Presenting with Acute Pulmonary Embolism. *Lab Hematol* 15: 4-9
74. DeBari VA. (2009) Surrogate Gaussian First Derivative Curves for the Determination of Decision Levels and Confidence Intervals by Binary Logistic Regression. *Annals Clin Lab Sci* 39: 313-317
75. Parikh R, Chennareddy S, DeBari VA, Hamdan A, Konlian D, Shamoof F and Bikkina M (2009). Percutaneous Coronary Interventions in Nonagenarians. In-Hospital Mortality and Outcome at One-Year Follow-up. *Clin Cardiol* 32: E16-21
76. Al-Dehneh A, Parikh R, Hamdan A, Konlian D, Faillace R, DeBari VA, and Bikkina M (2009). Ethnic minorities exhibit reduction in door-to-balloon time comparable to whites with a newly-implemented emergency physician activation protocol (Code-STEMI). *J Invasive Cardiol* 21: 506-510

77. Moammar MQ, Ali MI, Mahmood NA, DeBari VA and Khan MA (2010) Cardiac Troponin I Levels and Alveolar-arterial Oxygen Gradient in Patients with Community-acquired Pneumonia. *Heart Lung Circ* 19: 90-2
78. Eddi R, Malik M.N., Shakov R, Baddoura WJ, Chandran C, and DeBari VA (2010) Chronic Kidney Disease as a Risk Factor for *Clostridium difficile* Infection. *Nephrology*; 15:471-475
79. Alsumrain MH, Abdul Jawad S, Imran NB, Riar S, DeBari VA and Adelman M (2010) Association of Hypophosphatemia with Failure-to-Wean from Mechanical Ventilation. *Annals Clin Lab Sci* 40: 144-148
80. Gupta N, Lau C, Al-Dehneh A, Daoko J, Vazir A, Parikh H, Agarwal A, Newton W, Dillon W, Gupta I, DeBari VA, Hamdan A, Shamooun F and Bikkina M. (2010) Importance of Performing Transesophageal Echocardiography in Acute Stroke Patients Older than Fifty. *Echocardiography* (9); 1086-1092
81. QaQa AY, Shaaban H, DeBari VA, Phung S, Slim J , Costeas CA, Perez G, and Shamooun FE. (2010). Viral Load and CD4+ Cell Count as Risk Factors for Prolonged QT Interval in HIV-infected Subjects: A Cohort-Nested Case - Control Study in an Outpatient Population. *Cardiology*. 117: 105-111
82. Alattar FT, Imran N, DeBari VA, Mallah KN, Shamooun FE. (2010). Fractional excretion of sodium (FeNa) predicts worsening renal function in acute decompensated heart failure. *Exp Clin Cardiol* ; 15: e65-69
83. Shakov R, Salazar RS, Kagunye SK, Baddoura WJ, DeBari, VA. (2011). Diabetes Mellitus as a Risk Factor for Recurrence of *Clostridium difficile* Infection In the Acute Care Hospital Setting, *Am J Infect Control*; 39: 194-198
84. Qaqa AY, DeBari VA, Isbitan, A, Mohammed N, Sison R, El-Kersh, K, Slim J, Perez, G, Shamooun FE. (2011). The Role of Post-exercise Measurements In The Diagnosis Of Peripheral Arterial Disease in HIV-infected patients. *Angiology* 62: 10-14
85. Kalra VK, DeBari VA, Zauk A, Kataria P, Myridakis D and Kiblawi F. (2011). Point-of-Care Testing for B-type Natriuretic Peptide in Premature Neonates with Patent Ductus Arteriosus. *Annals Clin Lab Sci* 41: 32-38
86. Bajaj S, Shamooun F, Gupta N, Parikh, R, Parikh N, DeBari VA, Hamdan A, Bikkina M. (2011) Acute S-T Segment Elevation Myocardial Infarction in Young Adults: Who is at risk? *Coronary Art. Dis*; 4: 238-244
87. Qaqa AY, DeBari VA, Sison R, Mohammad N, Isbitan A, ElKersh K, Slim J, Perez G, Shamooun FE. (2011) Epidemiologic Aspects of Peripheral Arterial Disease In the HIV Population. *Int. Angiology* (in press)
88. Kumar A, Shah N, Modi Y, Shaaban, DePasquale J, DeBari VA, Yerrabothala S, Maroules M, Guron GK (2011). Characteristics of Colorectal Cancer in the Human Immunodeficiency Virus-infected African American Population. *Med Oncol* (in press)
89. Eddi R, Karki A, Shah A, DeBari VA, DePasquale JR. (2011). Association

of Type 2 Diabetes and Colon Adenomas. *J Gastrointest Cancer*; (in press)

PART II. Peer-reviewed research papers in books and non-journal serials

1. DeBari, V.A., Fingerhut, M.A., Keil, L.B. and Needle, M.A. (1980) Peripheral Phagocyte Defects in Chronic Hemodialysis Patients. In: *Internal Medicine*, M. SanGeorgi & U.B. Anguisola, eds. Excerpta Medica, Amsterdam, pp. 773-777.
2. Novembre, P., Nicotra, J., DeBari, V.A., Needle, M.A. and Bennun A. (1984) Erythrocyte Transport of Cyclic Nucleotides. *Annals N.Y. Acad. of Sci.* 463; 76-79.
3. Bennun, A., Seidler, N. and DeBari, V.A. (1985) Divalent Metals in the Regulation of Hemoglobin Affinity for Oxygenation. *Annals N.Y. Acad. Of Sci.* 463; 76-79.
4. Chandrasekaran, B., Schultz, E.F., DeBari, V.A., Ronquillo, C. and Needle, M.A. (1986) Surface Marker Characterization of Peritoneal Dialysis Patients' Intraperitoneal Leukocytes by Monoclonal Antibodies. In: *Frontiers in Peritoneal Dialysis*, C.F. Maher and J.F. Winchester, eds. Field, Rich & Assoc. New York, pp. 583-585.
5. DeBari, V.A., Uychich, P., Orsini, A.J., Ingenito, A.C. and Needle, M.A. (1986) Neutrophil Stimulation by Lipid A and Lipopolysaccharides from *S. minnesota*. *Trans. Am. Soc. Artif. Intern. Organs* 32; 597-600.
6. Belmonte, P., Keil, L.B., Rento, R.G., Needle, M.A. and DeBari, V.A. (1987) Characterization of Antibodies to DNA by Immunoabsorption on Cation-complexed DNA. *Annals N.Y. Acad. Of Sci.* 494; 178-183.
7. Cruz, R., Weinstein, E. And DeBari, V.A. (1987) Comparison of Enzyme and Metal Catalyzed Dinucleotide Peroxidations. *Annals N.Y. Acad. of Sci.* 494; 394-398.
8. Nicotra, J., Novembre, P., Needle, M.A. and DeBari, V.A. (1987) Vitamin C Increases Hexose Monophosphate Pathway Activity but Not Chemiluminescence in Neutrophils from Chronic Hemodialysis Patients. *Annals N.Y. Acad. Sci.* 498; 494-499.
9. Ochal, A.S., Keil, L.B., and DeBari, V.A.(1988) Cytoplasmic Filaments in Cultured Cells Used for Autoantibody Detection. *Annals N.Y. Acad. Sci.* 529; 215-220.
10. LaSalle, M.D. and DeBari, V.A. (1988) Complement-independent Stimulation of Polymorphonuclear Neutrophils by Endotoxins from the Core Polysaccharide Mutants of *Salmonella minnesota*. *Annals N.Y.Acad. Sci.* 529; 275-278.

PART III. Other papers in peer-reviewed journals

1. DeBari, V.A. (1993) Review of T.M. Phillips, *Analytical Techniques in Immunochemistry*, Dekker, New York, 1992. *Clin. Chem.* 39; 373-374 (Invited book review).
2. DeBari, V.A. and Levinson, S.S. (1994) Autoimmune Disease and the New Immunology. *J. Clin. Immunoassay* 17; 66 (Guest Editorial).

PART IV. Papers in educational serials and magazines

1. DeBari, V.A. (1988) Post-Session Review: Topics in Clinical Immunology. *Newsletter, Clin. Diag. Immunol. Div., AACC.* 3 (2); pp. 8-9 (Symposium Summary).
2. DeBari, V.A. (1989) The Problem of Specificity with Reagent Intermediate Filament Antibodies. *Newsletter, Clin. And Diag. Immunol. Div., AACC* 4 (1); pp. 5-6, 15(Brief Review).
3. Abner,S. and DeBari, V.A. (1990) Technical Deficiencies In a Proposed Method for Antinuclear Factor Detection. *Labmedica VII* (1); pp. 405 (Letter).
4. DeBari V.A. (2010) The Research Colloquium at the Seton Hall University School of Health and Medical Sciences: A Brief History and an Overview of the 21<sup>st</sup> annual Colloquium. *MD Advisor*; 3 (No. 3, June) 30-31.

PART V. Abstracts and presentations - national and international level only

1. DeBari, V.A. (1969) The Determination of Transition and Micropore Volume in Activated Carbon by the Adsorption of Organic Vapors. *Proc. 9th Carbon Conf..* 9; 58 (Extended Abstract). Presented at The 9th Biennial Carbon Conference, Boston, June, 1969.
2. Taclob, L.T., Patel, S.R., DeBari, V.A. and Needle, M.A. (1974) A Decrease in the Percent of Phagocytes Reducing Nitro-blue Tetrazolium to Nitro-blue Formazan in Untreated Systemic Lupus Erythematosus and its Reversal by Steroids. *Abstract Am. Soc. Neph.* 7; 90.
3. Taclob, L.T., Patel, S.R., DeBari, V.A. and Needle, M.A. (1974) Decrease in Stimulated Phagocyte Nitro-blue Tetrazolium Reduction with Prolonged Hemodialysis. *Abstract Am. Soc. Neph.* 7; 91. Presented at Annual Meeting, American Society of Nephrology, Washington, D.C., November, 1974.
4. DeBari, V.A. and Needle, M.A. (1976) Adhesion of Leukocytes (WBC) Studied Quantitatively by Multiple Internal Reflectance-infrared (MIR-IR) Spectroscopy.*Proc. 29th Ann. Conf. Eng. Med. Biol.* 18; 350 (Extended Abstract). Presented at ACEMB Meeting, Boston, April, 1976.
5. DeBari, V.A. and Needle, M.A. (1976) Multiple Internal Reflectance Spectroscopy of Leukocytes. In: *Histochemistry and Cytochemistry 1976*, pp. 89-90. (Extended Abstract). Presented at Vth Int. Cong. of Histochemistry and Cytochemistry, Bucharest, September, 1976.
6. DeBari, V.A. and Needle, M.A. (1980) Application of KB Cells and Immunoabsorbents to Indirect Fluorescent Immunocytochemical Differentiation of Antinuclear Antibodies. *Proc. Vth Int. Histochem. and Cytochem. Cong.* p. 84 (Extended Abstract).
7. Halperin, L.S., Nahass, R., DeBari, V.A. and Needle, M.A. (1980) Cation-DNA Complexes Studies by Laser Light Scattering. *Proc. 33rd Ann. Conf. Eng. Med. Biol.* 22; 45 (Extended Abstract). Presented at ACEMB National Meeting, Washington, D.C., April, 1980.
8. DeBari, V.A., Frank, O., Baker, H. and Needle, M.A. (1983) Intracellular Levels of Water Soluble Vitamins in the Polymorphonuclear Neutrophils of Chronic Hemodialysis Patients. *Clin. Res.* 31; 241A.
9. DeBari, V.A., Nicotra, J., Blaney, J.F., Schultz, E.F. and Needle, M.A. (1983) DNA-

Binding Immunoglobulins in Patients with Systemic Lupus Erythematosus. *Clin. Res.* 31; 448A.

10. Nicotra, J., Needle, M.A., Ward, W., Bennun, A. and DeBari, V.A. (1983) Transport of Guanosine 3', 5' Cyclic Monophosphate (cGMP) into Human Erythrocytes. *Biophys. J.* 41; 163A. Presented at 27th Annual Meeting of the Biophysical Society, San Diego, February, 1983.
11. DeBari, V.A., Bennun, A. and Needle, M.A. (1983) Multiple Internal Reflectance-Infrared Spectroscopy (MIR-IR) of Erythrocyte Plasma Membranes (Ghosts). *Fed. Proc.* 42; 2194. Presented at National Meeting, American Society of Biological Chemistry, San Diego, February, 1983.
12. Blaney, J.F., Nicotra, J., Largent, P., Needle, M.A. and DeBari, V.A. (1983) The Measurement of Anti-DNA Antibodies by Immunonephelometry Coupled With Immunoabsorption. *Clin. Chem.* 29;1189. Presented at 35th National Meeting, American Association for Clinical Chemistry, New York, July, 1983.
13. DeBari, V.A. (1983) Manganese (Mn<sup>2+</sup>) Dependent NADPH Peroxidase Activity in the Human Erythrocyte (RBC). *Clin. Chem.* 29; 1267. Presented at 35th National Meeting, American Association for Clinical Chemistry, New York, July, 1983.
14. DeBari, V.A. and Bennun, A. (1984) Regulation of the Pentose Phosphate Pathway in the Human Erythrocyte. *Biophys. J.* 45; 21a.
15. DeBari, V.A., Needle, M.A. and Bennun, A. (1984) Catalase as a Manganese-Dependent NADPH Peroxidase. *Biochem. Soc. Bull.* 6;a53. Presented at the 609th Meeting, Biochem. Society (London), Leeds, July, 1984.
16. Bennun, A., Needle, M.A. and DeBari, V.A. (1984) Infrared Spectroscopy of Erythrocyte Plasma Membranes. *Biochem. Soc. Bull.* 6; a53. Presented at the 609th Meeting, Biochem. Society (London) Leeds, July, 1984.
17. Chandrasekaran, B., Schultz, E.F., DeBari, V.A., Ronquillo, C. and Needle, M.A. (1984) Surface Marker Characterization of Peritoneal Dialysis Patients' Intraperitoneal Leukocytes by Monoclonal Antibodies. *Peritoneal Dialysis Bull.* 4;S13. Presented at the IIIrd Int. Symp. On Peritoneal Dialysis, Washington, D.C., July, 1984.
18. Bennun, A., Seidler, N. and DeBari, V.A. (1984) A Model for the Regulation of Haemoglobin Affinity for Oxygen. *Biochem. Soc. Bull.* (Abstracts) Presented at the 610th (Stirling) Meeting of the Biochem. Society (London), Stirling, September, 1984.
19. Bennun, A., Saddler, N. And DeBari, V.A. (1984) Divalent Metals in the Regulation of Hemoglobin Affinity for Oxygen. *Abst. Of the 2nd Annual Colloquium in Biological Sciences.* Presented New York, November, 1984.
20. DeBari, V.A., Cruz, R., Needle, M.A., and Bennun, A. (1985) Dinucleotide Oxidation by the Fenton Reaction. Presented at 69th Annual Meeting, Fed. Am. Soc. Exp. Biol., Anaheim, CA. *Abstract Fed. Proc.* 44; 922.
21. DeBari, V.A., Needle, M.A., Novembre, P. and Nicotra, J. (1985) The *In-Vitro* Effect of Ascorbate on Polymorphonuclear Neutrophil Metabolism in Chronic Hemodialysis Patients. Presented at 4th Int. Congress on Nutrition and Metabolism in Renal Disease, Williamsburg, VA., October, 1985. Abstract
22. Cruz, R., Weinstein, E. and DeBari, V.A. (1985) Comparison of Enzyme and Metal

Catalyzed Dinucleotide Peroxidations. Presented at 3rd Colloquium in Biological Sciences, New York. Abstract.

23. Belmonte, P., Keil, L.B., Rento, R.G., Needle, M.A. and DeBari, V.A. (1985) Characterization of Antibodies to DNA by Immunoabsorption on Cation-Complexed DNA. Presented at 3rd Colloquium in Biological Sciences, New York. Abstract.
24. Orsini, A.J., Nicotra, J., Needle, M.A. and DeBari, V.A. (1986) The Neutrophil Chemiluminescence Response to Polystyrene Latices. Presented at 30th Annual Mtg., The Biophysical Society, February, 1986. San Francisco. Abstract: *Biophys. J* 49; 75a.)
25. DeBari, V.A., Uychich, P., Orsini, A.J., Ingenito, A.C., and Needle, M.A. (1986) Neutrophil Stimulation by Lipid A and Lipopolysaccharides from *S. minnesota*. Presented at the 32nd Annual Meeting, American Society of Artificial Internal Organs, May, 1986, Anaheim. #15; 73.
26. Keil, L.B., Clain, J., Kampa, I.S. and DeBari, V.A. (1986) Macro C4: Evidence for a Complexed Form of the Fourth Component of Complement. Presented at the Annual Meeting of the American Association for Clinical Chemistry, July, 1986, Chicago. Abstract: *Clin. Chem.* 32; 1142.
27. Nicotra, J., Novembre, P., Needle, M.A. and DeBari, V.A. (1986) Vitamin C Increases Hexose Monophosphate Pathway Activity but not Chemiluminescence in Neutrophils from Chronic Hemodialysis Patients. Presented at the Vitamin C Conference, New York, October 9, 1986. Abstract.
28. Ochal, A.S., Keil, L.B. and DeBari, V.A. (1986) Cytoplasmic Filaments in Cultured Cells Used for Autoantibody Detection. Presented at the Fourth Colloquium in Biological Sciences, New York, November 3, 1986. Abstract.
29. LaSalle, M.D. and DeBari, V.A. (1986) Complement-Independent Stimulation of Polymorphonuclear Neutrophils by Endotoxins from the Core Polysaccharide Mutants of *Salmonella minnesota*. Presented at the Fourth Colloquium in Biological Sciences, New York, November 3, 1986. Abstract.
30. DeBari, V.A. and Weber, K. (1987) Cross-reactivity of anti-DNA antibodies with polyanions. Presented at Annual Meeting of the American Association for Clinical Chemistry, July, 1987, San Francisco. Abstract: *Clin. Chem.* 33; 1029.
31. Cuttitta, J.D., Marlowe, B.D. and DeBari, V.A. (1988) Surface Potentials of Polystyrene Microspheres and their Relationship to Neutrophil Stimulation. Presented at the 32nd Annual Meeting of the Biophysical Society, Phoenix, February 29, 1988. Abstract: *Biophys. J.* 53; 12a.
32. DeBari V.A., Hawruk, E. And Weber, K. (1988) Interactions of Anti-DNA Antibodies with Synthetic Polyanion Antigens. Presented at the meeting "Immunointervention in Autoimmune Diseases", Paris, June 15-17, 1988. Abstract.
33. DeBari, V.A. (1988) The Binding of Proteins to Activated Polystyrene Surfaces. Presented at the 40th National Meeting, American Association for Clinical Chemistry, New Orleans, July 24-28, 1988. Abstract: *Clin. Chem.* 34; 1175.
34. DeBari, V.A., Davis, B. and Keil, L.B. (1988) Antibodies to the 160 KD Neurofilament Antigen in Patients with SLE and AIDS. Presented at the 40th National Meeting, American Association for Clinical Chemistry, New Orleans, July 24-28, 1988. Abstract:

*lin. Chem. 34*; 1201.

35. DeBari, V.A. (1988) Autoantibodies in Systemic Autoimmune Diseases. Presented at the 40th National Meeting, American Association for Clinical Chemistry, New Orleans, July 24-28, 1988. (Selected Topics Presentation). Abstract: *Clin. Chem. 34*; 1343
36. LaSalle, M.D., Gentile, V.G., Pertussi, R. and DeBari, V.A. (1989) An ELISA for Antibodies to Vimentin in Patients with Systemic Lupus Erythematosus. Presented at the 15th Annual Meeting, Clinical Ligand Assay Society, Los Angeles, May 3-6, 1989. Abstract: *J. Clin. Immunoassay 12*; 53. Winner of Boston Biomedica, Best Abstract Award.
37. Gardiner, J.S., Keil, L.B. and DeBari, V.A. (1990) The Generation of Complement Activation Products by Endotoxins. Presented at The First Congress of the International Endotoxin Society, San Diego, May 10-12, 1990. Abstract: *Congress Abstracts*, p82.
38. Keil, L.B., Abner, S. And DeBari, V.A. (1990) *In-Vitro* Modulation by Polyanions of the Absorbance Signal from the Anti-Cardiolipin Antibody Assay in Patients with Systemic Lupus Erythematosus. Presented at the Northeast Regional Meeting, American College of Rheumatology, New York, May 17-19, 1990. Abstract: *Arthritis. Rheum. 33*; (supplement) p. 41.
39. Todd, D.M., Klimek, V., DeBari, V.A. and Rubin, A.D. (1990) The Relationship Between Hormone Receptors and Amplification of the c-erbB-2 Oncogene in Breast Cancer. Presented at XIV International Congress of Clinical Chemistry, San Francisco, July 22-26, 1990. Abstract: *Clin. Chem. 36*; p. 1061.
40. Farhangfar, R., Cassulis, P. and DeBari, V.A. (1990) The Immunoglobulin A Subclass Distribution in Serum for AIDS Patients. Presented at the Third Annual Meeting, American Association of Medical Laboratory Immunologists, Arlington, August 2-6, 1990. Abstract: *Program and Abstracts*, p 51.
41. Gaito, A.D., Keil, L.B. and DeBari, V.A. (1991) Chromatographic Separation of Free and Complexed IgG from Serum of Patients with Systemic Lupus Erythematosus. Presented at the Northeast Regional Meeting, American College of Rheumatology, Newport, May 3- 5, 1991. Abstract: *Art. Rheum. 34*,pR41 (supplement).
42. Gaito, A.D., Cassulis, P. And DeBari, V.A. (1991) Immunoglobulin A Subclasses in Serum from Patients with Psoriatic Arthritis. Presented at the Northeast Regional Meeting, American College of Rheumatology, Newport, May 3-5, 1991. Abstract: *Arthritis. Rheum. 34*, pR41 (supplement).
43. Todd, D.M., Miller, J.M., DeBari, V.A. and Rubin, A.D. (1991) Concordance of Laboratory Indices for Breast Cancer. Presented at the Forty-Third National Meeting, American Association for Clinical Chemistry, Washington, D.C., July 28-August 1, 1991. Abstract: *Clin. Chem. 37*, p1050.
44. DeBari, V. A. (1992) A Research Program for Residents in a Post-graduate Medical Consortium: Description of the Model and Proposed Indices for Evaluation. Presented at the Fifteenth Annual Meeting of the Association of Program Directors in Internal Medicine, San Diego,, March 23-25, 1992. Abstract: p15.
45. Gaito, A.D., Barbi, G., Keil, L.B. and DeBari, V.A. (1992) Spectrotype Distributions of

Circulating IgG from Patients with Systemic Lupus Erythematosus. Presented at the Third International Conference on SLE, London, April 13-15, 1992.

46. Keller, B, Keil, L.B. and DeBari, V.A. (1992) Inhibition of Cardiolipin-binding IgG from SLE Patients by Polyanions. Presented at the Third International Conference on SLE, London, April 13-15, 1992.
47. Keil, L.B., Barbi, G., Comizio, R. and DeBari, V.A. (1993) Mathematical Modeling of the Electrophoretic Distribution of IgG and the Detection of Clonotype Restrictions. Presented at the 25th Annual Oak Ridge Conference, Knoxville, April 22-24, 1993. Abstract #15.
48. Keil, L.B., Keller, B., Gaito, A.D. and DeBari, V.A. (1993) Distribution of the IgA Subclasses in Serum from Patients with Rheumatologic Diseases. Presented at the 45th National Meeting, American Association for Clinical Chemistry, New York, July 11-15, 1993. Abstract: *Clin. Chem.* 39; 1137.
49. Barbi, G., Delos Reyes, M. Giglio, P., Keil, L.B. and DeBari, V.A. (1993) *In-vitro* Presented at the 45th National Meeting, American Association for Clinical Chemistry, New York, July 11-15, 1993. Abstract: *Clin. Chem.* 39; 1138.
50. Comizio, R., Barbi, G., Keil, L.B., and DeBari, V.A. (1993) Detection of Clonotype Restrictions in Purified IgG from HIV-infected Subjects. Presented at the 45th National Meeting, American Association for Clinical Chemistry, New York, July 11-15, 1993. Abstract: *Clin. Chem.* 39; 1140
51. Guma, M., Liguori, E., Delos Reyes, M., Keil, L.B., and DeBari, V.A. (1994) The Biphasic Response of Complement to Heparin. Presented at the 40th Annual Meeting, American Society for Artificial Internal Organs, San Francisco, April 14-15, 1994. Abstract p.57.
52. Guma, M., Keil, L.B., Jimenez, E., and DeBari, V.A. (1994) Regulation of Alternative Pathway of Complement by Heparin. Presented at the Annual Meeting, American Federation for Clinical Research, Baltimore, April 30-May 2, 1994. Abstract: *Clin. Res.* 42; 272A.
53. Jimenez, E., Keil, L.B., and DeBari, V.A. (1994) Reconstitution of the Amplification Cycle of the Complement Alternative Pathway and its Interaction with Heparin. Presented at the Eastern Regional Meeting of the American Federation for Clinical Research, New York, October 7-9, 1994. Abstract: *Clin. Res.* 42; 460A.
54. El-Kadi, H.S., Keil, L.B., and DeBari, V.A. (1995) Clinical Relationships between IgG Anti-apolipoprotein H Antibodies and Antiphospholipid Syndrome. Presented at the 1995 National Meeting of the American Federation for Clinical Research, San Diego, May 5-8, 1995. Abstract: *J. Invest. Med.* 43; 285A.
55. Keil, L.B., Galazka, M., El-Kadi, H.S., and DeBari, V.A. (1995) Binding of Apolipoprotein H to Activated Polystyrene and its Recognition by Human Autoantibodies. Presented at the 1995 National Meeting of the American Federation for Clinical Research, San Diego, May 5-8, 1995. Abstract: *J. Invest. Med.* 43; 285A.
56. El-Kadi, M.S., Keil, L.B., Galazka, M., and DeBari, V.A. (1995) Presentation of Cryptic Autoepitope(s) on  $\beta_2$  glycoprotein I by Chemisorption on Activated Polystyrene. Presented at the National Meeting of the American College of Rheumatology, San Francisco, October 21-26, 1995. Abstract: *Arthritis Rheum.* 38; S276.

57. Najmey, S.S., Erickson, E., Keil, L.B., and DeBari, V.A. (1996) Antibodies to  $\beta_2$  glycoprotein I: Standardized Immunoassay and a Reference Interval for Healthy Controls. Presented at Biomedicine '96, the Annual Meeting of the AAP, ASCI and AFCR, Washington, D.C., May 3-6, 1996. Abstract: *J. Invest. Med.* 44; 297A.
58. Najmey, S.S., El-Kadi, H.S., Keil, L.B., and DeBari, V.A. (1996) Association of Antibodies to  $\beta_2$  glycoprotein I and the Antiphospholipid Syndrome. A Meta-analysis. Presented at the 7th International Symposium on Antiphospholipid Antibodies. New Orleans, Oct. 9-13, 1996. Abstract: *Lupus* 5; 535
59. Galazka, M., Tang, M., Lee, J.K., and Petersheim, M., and DeBari, V.A. (1996 ) Presentation of the Cryptic Autoepitope of  $\beta_2$  glycoprotein I by Cross-linking in Solution. Presented at the 7th International Symposium on Antiphospholipid Antibodies. New Orleans, Oct. 9-13, 1996. Abstract: *Lupus* 5; 535
60. Galazka, M., Sawaged, S.S., Keil, L.B., and DeBari, V.A. (1997) Phospholipid-independent Binding of  $\beta_2$  Glycoprotein I by IgA and IgM from Patients with Antiphospholipid Syndrome. Presented at Biomedicine '97, the Annual Meeting of the AAP, ASCI and AFCR, Washington, D.C., April 25-27, 1997. Abstract: *J. Invest. Med.* 45; 207A
61. Keil, L.B., Lewis, S., Galazka, M.W., Binder, W.L. and DeBari, V.A. (1998) Standardized Measurement of Major Immunoglobulin Class (IgG, IgA, IgM) Antibodies to  $\beta_2$  Glycoprotein I in Patients with Antiphospholipid Syndrome. Presented at the Annual Spring Meeting of the Association of Clinical Scientists, April 29-May 3, 1998, Providence, R.I. Abstract: *Ann. Clin. Lab. Sci.* 28: 180
62. Keil, L.B., Galazka, M., Kohles, J., Li, J., Kelty, S.P., Petersheim, M. And DeBari, V.A. (1998) A Stable, Multi-subunit Complex of  $\beta_2$  Glycoprotein I. Presented at the Annual Spring Meeting of the Association of Clinical Scientists, April 29-May 3, 1998, Providence, R.I. Abstract: *Ann. Clin. Lab. Sci.* 28: 204
63. DeBari, V.A., Kohles, J.D. and Petersheim, M. (1998) Inhibition of  $\beta_2$  glycoprotein I Binding to Anionic Phospholipids. Presented at the 1998 National Scientific Meeting of the American College of Rheumatology, Nov. 8-12, 1998, San Diego, CA. Abstract: *Arthritis Rheum.* 41: S167
64. Kohles, J.D., Petersheim, M. and DeBari, V.A. (1999) The Hololipoprotein Complex of  $\beta_2$  glycoprotein I and Dicaproyl Phosphatidylserine. Presented at the XVIIth Congress of the International Society on Thrombosis and Haemostasis, Aug. 14-21, 1999, Washington, DC. Abstract: *Thromb. Haemostasis* Suppl. Aug 1999. #1841 pp. 584-585
65. Kohles, J.D., Weld, M, Asad, H., Gunning, P, Sterrett, J.R. and DeBari, V.A. (1999) An *In Vitro* Study of the Stability of Reconstituted Urokinase Solutions. Presented at the XVIIth Congress of the International Society on Thrombosis and Haemostasis, Aug. 14-21, 1999, Washington, DC. Abstract: *Thromb. Haemostasis* Suppl. Aug 1999. #1908 p. 605
66. Maffey, K.G., Keil, L.B. and DeBari, V.A. (2000) The Influence of Lipid Composition and Divalent Cations on Annexin V Binding to Phospholipid Mixtures. Presented at the 9th International Symposium on Antiphospholipid Antibodies. Tours, France, Sept. 12-16, 2000. Abstract: *J. Autoimmunity* 15: A41bbbbbbb
67. Janbay N, De Bari V, Manna P, N Visweshwer, Chang D, Lange M, Sterett JR and Nath R. (2004) Relationship of BK Viral Load in Blood and Urine with Severity of Hemorrhagic Cystitis After Hematopoietic Stem Cell Transplant. Presented at Amer. Soc. Of Bone

Marrow Transplant. Annual Meeting

68. Wardeh G., Basu S., Aziz H., DeBari V. and Khan MA. (2004) Predictors of Mortality in patients with Pulmonary Embolism (P E). (abstract) *Amer J Respir Crit Care Med.*, 2004; 169: A665.
69. Khan MA, Aziz H., Shubair M, Wardeh G, Mommany S, DeBari V. (2004) Frequency of INH-induced hepatitis in patients undergoing treatment for latent tuberculosis (MTB) infection. abstract *Chest*; suppl. 126: 752S.
70. Khan MA, Wardeh G, Moshin I, Aziz H, Momany S, DeBari V. (2004) Predictors of irreversible obstructive lung disease in HIV patients. (abstract) *Chest*; suppl. 126:916S.
71. Aziz H, Blamoun A., Shubair M, Ismail MM, DeBari V, Khan MA. (2005) Serum magnesium level in acute exacerbation of COPD. *Amer J. Respir. Crit. Care Med.* 2005; 2, A403.
72. Shubair M, Rashid A, Aziz H, Ismail MM, DeBari V, Khan MA. (2005) Brain-natriuretic peptide (BNP) level as a predictor of the need for mechanical support in patients with cardiogenic pulmonary edema (CHF). (abstract) *Amer J. Respir. Crit Care Med.*: 2; A810.72
73. Aziz, HS, Blamoun, AI, Shubair, MK, Ismael, MM, DeBari, VA and Khan, MA. (2005) Serum Magnesium levels and Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Retrospective Study. . Presented at Assoc.of Clinical Scientists Annual meeting, Troy, Michigan; May 2005
74. DeBari, VA (2005) Computation of Decision Levels from Differentiated Logistic Regression Probability Curves. Presented at Assoc.of Clinical Scientists Annual meeting, Troy, Michigan; May 2000
75. Abo, SA and DeBari, VA. (2006) The Laboratory Evaluation of Antiphospholipid Syndrome. Presented at Assoc.of Clinical Scientists Annual meeting, Amelia Island FL; May 2006
76. Singh, G, Gill KRS, Riat, SS, Aronowiz, P, Baddoura, WD, Spira, RS and DeBari, VA (2006). Racial Disparity, Location and Stage at Diagnosis of Colorectal Cancer in Patients Above and Below 50 Years of Age. Presented at ACG 2006: The American College of Gastroenterology Annual Scientific Meeting. Las Vegas, NV, October 2006
77. Blamoun AI, Batty GN, Rashid A, Sheikh M, DeBari VA and Khan MA (2007). Reduction of Morbidity, Rate of Intubations and Exacerbations by Statins in Patients with Chronic Obstructive Pulmonary Disease. Accepted for presentation at American Thoracic Society Annual Conference, 18-23 May, 2007, San Francisco
78. Shakov R, Jayatilaka S, Eddi R, Baddoura WJ and DeBari VA.(2007) Proton pump inhibitors but not histamine type 2 receptor antagonists are associated with *Clostridium difficile* infection for patients in an urban medical center. Presented at the 2007 Annual Meeting of the Association of Clinical Scientists, May, 2007 Hershey PA. Abstract: *Ann. Clin. Lab. Sci.* 37: 2007
79. Ghanem, Z, Sedfawy A, DeBari V and Maroules M (2007). An association between lung cancer and gastroesophageal reflux. Presented at the 2007 meeting of the American Society for Clinical Oncology. Abstract: *J Clin Oncology*, 2007;25, No 18S (June 20 Supplement),: 18195
80. Blamoun, AI, Batty, GN, Rashid, A, Sheikh, M, DeBari, VA and Khan, MA (2007) Cardiac Troponin Levels and Mechanical Ventilator Dependence in Patients with Septic Shock. Presented at the Annual Meeting of the ACCP, Oct. 2007

81. Z. Ghanem, A. Sedfawy, V. DeBari and M. Maroules (2007) An association between lung cancer and gastroesophageal reflux. Presented at the Am Soc Clin Oncol annual meeting, Abstract: Am. J. Clin Oncol., Oct. 2007; 25, 18S: 18195
82. Rashid, A, Azam H, Blamoun, A, Moammar, M, DeBari, V and, Khan MA (2008) Clinical Outcome of Patients with Pulmonary Embolism Receiving Statins. Presented at the Annual Meeting of the ACCP, Oct. 2008, Philadelphia
83. Rashid, A, Saleem, A, Azam, H, Blamoun, A, Moammar, M, DeBari, V and Khan, MA (2008) Recurrence Rate of Deep Venous Thrombosis in Patients Receiving Statins. Presented at the Annual Meeting of the ACCP, Oct. 2008, Philadelphia
84. Parikh, RR, Faillace, R, DeBari, VA, Konlian, D and Bikkina, M (2008) CODE STEMI Eliminates Differences IN Door-to-Baloon Time During Off-Hours IN ST-Segment Elevation Myocardial Infarction. Presented at the Annual Meeting of the ACCP, Oct. 2008, Philadelphia
85. Moammar M, DeBari, VA, Khelfa, Y, Blamoun, AI, Rashid, M and Khan, MA (2008) Airway Resistance and Carbon Monoxide Diffusing Capacity to Predict the Need for hospital Admission in COPD Patients. Presented at the Annual Meeting of the ACCP, Oct. 2008, Philadelphia
86. Agarwal, A, Parikh, R, Bal, N, Bikkina, M, Patel, SM, DeBari, VA and Shamoan, F. (2008) Monitoring QT intervals and QT dispersion for short- and Long-Term Events in Acute Myocardial infarction Patients Treated with Primary Percutaneous Coronary Intervention. Presented at the Annual Meeting of the ACCP, Oct. 2008, Philadelphia
87. Blamoun, AI, Alfakir, M, Sedfawi, A, Rashid, A, Moammar, M, DeBari, VA and Khan, MA (2008). Correlation between D-Dimer levels and Severity of Pulmonary Embolism. Presented at the Annual Meeting of the ACCP, Oct. 2008, Philadelphia
88. Kalra VK, Kiblawi FM, Zauk A and DeBari VA (2009). Plasma BNP as a biochemical marker for patent ductus arteriosus in pre-term neonates. . Presented at the 129<sup>th</sup> meeting of the Association of Clinical Scientists, May 13-17, 2009, Tampa. Abstract: Annals Clin Lab Sci 39: 212
89. Alfakir M, Sedfawy AI, Moammar MQ, Maroules M, Khan MA and DeBari, VA (2009). Association of D-dimer levels and clinical outcomes in patients presenting with acute pulmonary embolism. Presented at the 129<sup>th</sup> meeting of the Association of Clinical Scientists, May 13-17, 2009, Tampa. Abstract: Annals Clin Lab Sci 39: 212
90. Alfakir M, Shah T, Azam H, Ali MI, Khan MA, DeBari VA. (2011) Success of Noninvasive Positive Pressure Ventilation in Patients With Severe Respiratory Acidosis. Presented at the 2010 annual meeting of the American Thoracic Society, Denver, May 2011. Abstract: Am J Resp Crit Care.2011 183: A3178
91. Alfakir M., Moammar MQ, Ali MI, Alhatem E, Chandran C, DeBari VA, Khan MA. Pulmonary gas exchange during hemodialysis: A comparison of subjects with and without COPD on bicarbonate dialysate. Presented at the Annual meeting of the American college of Chest Physicians, Nov 2010
92. Mahmoud N, Manickavel SK, Ali MI, DeBari VA, Azam H, Alfakir M, Khan MA (2011) Red Blood Cell Distribution Width As A Prognostic Indicator In Sepsis. Presented at the

2010 annual meeting of the American Thoracic Society, Denver, May 2011. Abstract: Am J Resp Crit Care. 2011; 183: A4688

93. Azam,H, Mahmoud N, Singh S, DeBari VA, Ali, MI, Alfakir M, Khan MA. (2011). Elevated Triglyceride Levels In Patient With Pulmonary Embolism And Deep Vein Thrombosis. . Presented at the 2010 annual meeting of the American Thoracic Society, Denver, May 2011. Abstract: Am J Resp Crit Care 2011; 183: A2679
94. Karki A, Kshitz A, Parikh N, DeBari VA, Ismail ME. Neutrophil turn-over associated with cardiopulmonary resuscitation. Presented at the Annual meeting of the American college of Chest Physicians, Nov 2010
95. Yousefian S, Kagunye S, Patel V, Inchani L, DeBari VA, Chandran C. (2010) Role of Preoperative Angiotensin Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in Acute Kidney Injury After Surgery. Presented at 2010 Annual meeting of the national Kidney Foundation, Orlando FL Apr 13-17.. ABSTRACT: American Journal of Kidney Diseases 2010; 55: B113
96. Qaqa A, Shabaan HS, DeBari VA, Phung S, Slim J, Perez G, Shamoon F.( 2010) Viral Load and CD4 Cell Count as Risk Factors for prolonged QTC Interval in HIV-infected Subjects. A cohort-Nested Case-Control Study in an Outpatient Population. Presented at the 2010 national meeting of the American College of Cardiology. Abstract: *J. Am. Coll. Cardiol.* 2010;55;A1.E7
97. Qaqa A, Mohammad N, Isbitan A, DeBari VA, El-Kersh K, Sison R, Slim J, Perez G, Shamoon F. (2010). High Prevalence of Peripheral Arterial Disease in HIV-Infected Patients With Normal Resting Ankle Brachial Index Reading. *Circulation* 2010; 122: A19269.