

CURRICULUM VITAE

Name: Diana J. Schultz Beardsley

Education:

- 1969 B.S. Valparaiso University (Chemistry)
Valparaiso, Indiana
- 1971 M.A. Princeton University (Physical Chemistry)
Princeton, New Jersey
- 1976 Ph.D. Princeton University (Physical Chemistry)
Princeton, New Jersey
- 1976 M.D. Duke University School of Medicine
Durham, North Carolina

Postdoctoral Training - (Internship, Residency, and Fellowships):

- 1969-70 Textile Research Institute Fellowship
Princeton University
- 1975-76 Research Fellow, MB&B Department,
Yale University, Prof. Fred Richards, Advisor.
- 1976-77 Intern in Medicine,
The Children's Hospital,
Boston, Massachusetts
- 1976-78 Clinical Fellow in Pediatrics,
Harvard Medical School,
Boston, Massachusetts
- 1977-78 Junior Assistant Resident in Medicine,
The Children's Hospital,
Boston, Massachusetts
- 1978-81 Research Fellow in Pediatrics,
Harvard Medical School
- 1978-81 Fellow in Medicine, (Hematology-Oncology),
The Children's Hospital,
Boston, Massachusetts
- 1978-81 Fellow in Pediatric Oncology,
Dana-Farber Cancer Institute,
Boston, Massachusetts

Licensure and Certification:

1976	Massachusetts License
1977	National Board of Medical Examiners
1987	Connecticut License
1987	Board Certification in Pediatrics
1987	Subspecialty Board Certification in Pediatric Hematology/Oncology

Academic Appointments:

1981-85	Instructor in Pediatrics, Harvard Medical School
1985-86	Assistant Professor of Pediatrics, Harvard Medical School
1986-92	Assistant Professor of Pediatrics, Yale University School of Medicine
1988- 1992-96	Member, Yale Comprehensive Cancer Center Associate Professor of Pediatrics and Internal Medicine, Yale University School of Medicine
1996-2004	Associate Clinical Professor of Pediatrics and Internal Medicine, Yale University School of Medicine
2004-present	Associate Professor of Pediatrics and Internal Medicine, Yale University School of Medicine

Hospital Appointments:

1981-86	Assistant in Medicine (Hematology-Oncology), The Children's Hospital, Boston, Massachusetts
1981-86	Clinical Associate in Pediatric Oncology Dana-Farber Cancer Institute, Boston, MA
1981-86	Medical Director, Comprehensive Hemophilia Care Program, Children's Hospital, Boston, MA
1984-86	Director, Clinical Hematology Laboratory The Children's Hospital, Boston, MA
1986-89	Yale-New Haven Hospital, Associate in Pediatrics
1986- 1989- 1992-	Medical Director, Yale Hemophilia Center Yale New-Haven Hospital, Attending in Pediatrics Director, Platelet Immunology Clinical Laboratory (CAP/CLIA), Yale University School of Medicine

Awards and Honors:

1968	Mortarboard, Women's Academic Honor Society Valparaiso University
1969	Honors in Chemistry, Valparaiso University
1971	Sigma Xi, National Research Honor Society Princeton University
1975	Alpha Omega Alpha, Honorary Medical Society, Duke University
1983-84	Amy Potter Fellowship, Research Hematology The Children's Hospital
1983-88	Clinical Investigator Award, NIH, NHLBI
1988	Fellow, American Academy of Pediatrics
1989	Argall L. and Anna G. Hull Cancer Research Award
1992	Distinguished Alumna Award, Valparaiso University

Membership, Offices and Committee Assignments in Professional Societies:

American Chemical Society
American Association for the Advancement of Science
Medical Advisory Committee of the New England Hemophilia Association
1982-86
NIH Advisory Committee, Blood Diseases and Resources, 1990-94
Member, numerous NIH Ad Hoc Study Sections
Medical Advisory Committee, Connecticut Hemophilia Foundation, 1986-97
American Red Cross Platelet Grant Review Committees, 1986, 1988, 1989
Counsel on Thrombosis of the American Heart Association, 1986-
World Federation Hemophilia Association, 1986-
American Society of Hematology, 1987-
President, Medical Advisory Committee, Connecticut Hemophilia
Foundation 1988-95
Canadian Red Cross, Research and Development Review Committee, 1988-
Parent Review Committee for Transfusion Medicine SCOR Centers, 1989-90
National Hemophilia Foundation, Standing Research Review Committee Member
1990-
Member, Executive Committee, New England Hemophilia Centers, 1990-
Member, Subcommittee on Neonatal Hemostasis, International Society for
Thrombosis and Hemostasis, 1989-
Co-chairperson, Working Party on Platelet Immunology, International Society
for Thrombosis and Hemostasis, 1990-2001
Member, Scientific Organizing Committee, First International Conference on
Platelets, Endothelial Cells, and Autoimmunity 1992-93

Chair, Platelet Immunology Subcommittee, International Society for Thrombosis and Hemostasis, 1996-2001.

Chairperson, Second International Conference on Platelets, Endothelial Cells and Autoimmunity, 2002

Major Research Interests:

1. Platelet membranes: a) identification of target antigens for platelet autoantibodies and alloantibodies; b) the role of platelet specific antigens in transfusions
2. Hemophilia management utilizing telemedicine
3. Coagulation abnormalities in patients with vascular anomalies

PUBLICATIONS

Original Articles:

1. Cook AG, Herscher SB, Schultz DS, Burke JA. Bicyclic enamines v. Cumulated cyclopropylenamines. *J. Org. Chem.* 35: 1550-1554, 1970.
2. Kauzmann WJ, Moore K, Schultz DJ. Protein densities from x-ray crystallographic coordinates. *Nature* 248:447, 1974.
3. Beardsley DS. Density in Submolecular Regions of Globular Proteins. Ph.D. Dissertation, Princeton University 1976.
4. Robert MF, Schultz DJ, Cochran WD, Wolf B, Schwartz AL. Successful treatment of a neonate with propionicaciduria and overwhelming hyperammonemia by peritoneal dialysis. *Arch Dis Childh.* 56:962, 1979.
5. Miller BA, Beardsley DJS. Autoimmune pancytopenia of childhood associated with multisystem disease manifestations. *J Pediatr.* 103:877, 1983.
6. Spiegel JE, Beardsley DJS, Southwick FS, Lux SE. Identification of an erythroid cytoskeletal protein analogue in nonerythroid cells. *J Cell Biol.* 99:886, 1984.
7. Beardsley DJS, Spiegel JE, Jacobs MM, Handin RI, Lux SE. Platelet membrane glycoprotein IIIa contains target antigens that bind anti-platelet antibodies in immune thrombocytopenias. *J Clin Invest.* 74:1701, 1984.
8. Downton SE, Beardsley DJS, Jamison D, Potter N, Blattner S, Li FP. A new familial platelet disorder. *Blood* 65:557, 1985.
9. Beardsley, DS. Target Antigens for Platelet Autoantibodies. *Curr Stud Hematol Blood Transf.* 54:64-70, 1988.
10. Beardsley, DS. Platelet autoantigens: Identification and characterization using immunoblotting. *Blut* 59: 47-51, 1989.
11. Lipsky, PE, Beall RJ, Beardsley DS, et al. Intravenous Immunoglobulin: Prevention and Treatment of Disease, *JAMA*, 264:3189-3193, 1990.
12. Beardsley, DS. Platelet Membrane Glycoproteins: Role in Primary Hemostasis and Component Antigens. *Yale Journal of Biology and Medicine* 63:469-475, 1990.
13. Snyder, E, Beardsley, DS, Smith B. et al. Storage of Platelet Concentrates after UV-B Irradiation. *Transfusion* 31:491-496, 1991.

14. Beardsley DS. First International Workshop on: Platelets, Endothelial Cells: From Autoimmunity to Immunomodulations. *Pathologie Biologie* 781-782, 1994.
15. Beardsley DS. Involvement of Platelets and Endothelial Cells in Autoimmune Diseases. *Pathologie Biologie* 42:814, 1994.
16. Taub JW, Warriar I, Holtkamp C, Beardsley DS, Lusher JM. Characterization of Autoantibodies Against the Platelet Glycoprotein Antigens IIb/IIIa in Childhood Idiopathic Thrombocytopenia Purpura. *Am. J. Hematol.*, 48:104-107, 1995.
17. Beardsley DS. Hemophilia; Sports and Exercise for Children With Chronic Health Conditions, Barry Goldberg (ed)., *Human Kinetics*, 20:301-310, 1995.
18. Beardsley DS. Platelet Disorders, Gellis and Kagan's Current Pediatric Therapy, 15:292-295, 1996.
19. Mayer JRL, Ho JS, Beardsley DS. Varicella associated thrombocytopenia: Antibodies against an 85kD thrombin sensitive protein (GPV). *Pediatric Research* 40:615-9, 1996.
20. Mo L, Leu SJC, Berry C, Olee T, Yang YY, Beardsley DS, McMillan R, Woods VL, Chen PP. The frequency of homozygous deletion of a developmentally regulated Vh gene (Humhv3005) is increased in patients with chronic idiopathic thrombocytopenic purpura. *Autoimmunity* 24:257-263, 1996.
21. Beardsley DS, Kauzmann WJ. Local Densities Orthogonal to β -Sheet Amide Planes: Patterns of Packing in Globular Proteins. *Proc. Natl. Acad. Sci., U.S.A.* 93:4448-4453, 1996.
22. Peterec SM, Brennan SA, Rinder HM, Wnek JLL, Beardsley DS. Reticulated platelet values in normal and thrombocytopenic neonates. *J. Pediatrics*, 129:269-74, 1996.
23. Zieg PM, Cohn SM, Beardsley DS. Nonoperative Management of a splenic tear in a Jehovah's Witness with Hemophilia. *J. of Trauma*, 40:299-301, 1996.
24. Warriar I, Bussel JB, Valdez L, Barbosa G, Beardsley DS, Low-Dose IGIV Study Group. Safety and Efficacy of Low-Dose Intravenous Immune Globulin (IGIV) Treatment for Infants and Children with Immune Thrombocytopenic Purpura. *J. Ped. Hematol/Oncol* 19:1-5, 1997.
25. Beardsley DJS. Oral Dexamethasone Therapy for Chronic Immune Thrombocytopenia Purpura. Home run or Base Hit? *J. Pediatrics* 130:1, 1997.

26. Berchold P, Muller D, Beardsley D, Fujisawa K, Kaplan C, Kekomaki R, Lipp E, Morrell-Kopp MC, Keifel V, McMillan R, von dem Borne AEG.KR, Imbach, P. International Study to Compare Antigen-Specific Methods Used for the Measurement of Antiplatelet Autoantibodies. *Br. J. Haematology*. 96:477-483, 1997.
27. Becker PS, Clavell LA, Beardsley DS. Giant platelets with abnormal surface glycoproteins: A new familial disorder associated with mitral valve insufficiency. *J. Ped. Hematol/Oncology*, 20:69-73, 1998.
28. Burrows PE, Robertson RL, Mulliken JB, Beardsley DS, Chaloupka JC, Ezekowitz AB, Scott RM. Cerebral Vasculopathy and Neurologic Sequelae in Infants with Cervicofacial Hemangioma. *Radiology* 207:601-7, 1998.
29. Key NS, Aledoft LM, Beardsley D, Cooper A, Davignon G, Ewenstein BM, Gilchrist GS, Gill JC, Glader B, Hoots WK, Kisker CT, Lusher JM, Rosenfield CG, Shapiro AD, Smith H, Taft E. Home treatment of mild to moderate bleeding episodes using recombinant factor VIIa (Novoseven) in haemophiliacs with inhibitors. *Thromb Haemost*, 80:912-8, 1998
30. Beardsley DS, Ertem ME. Platelet Autoantibodies in autoimmune thrombocytopenic purpura. *Transfusion Science*, 19:237-244, 1998.
31. Beardsley, DJS. Pathophysiology of Immune thrombocytopenia purpura. *Blood Reviews*, 1-2, 2002.
32. Beardsley DJS, Tang C, Chen B-G, Lamborn C, Gomes E, and Srimatkandada V. The disulfide-rich region of platelet glycoprotein (GP) IIIa contains hydrophilic peptide sequences that bind anti-GPIIIa autoantibodies from patients with immune thrombocytopenic purpura (ITP). *Biophysical Chem* 105:503-515, 2003.

Reviews, Chapters, Books:

1. Kunicki TJ and Beardsley DS. The Alloimmune Thrombocytopenias: Neonatal Alloimmune Thrombocytopenic Purpura and Post-Transfusion Purpura. In: Progress in Thrombosis and Hemostasis. B. Coller, ed. W.B. Saunders Company. 1989, Vol. 9,203-232.
2. Beardsley DJS. Platelet Autoantigens in "Platelet Immunobiology". Platelet Immunology. T.J. Kunicki and J.N. George (eds), pp. 121-131 J.B. Lippincott, Philadelphia, 1989.
3. Beardsley DJS. Immune Thrombocytopenia in Perinatal Period. In: Seminars in Perinatology. D.S. Beardsley (ed), 14:368-373, W.B. Saunders 1990.
4. Beardsley DJS. Hemostasis in the Perinatal Period. Approach to the Diagnosis of Coagulation Disorders in Seminars in Perinatology. I. Gross (ed). W.B. Saunders, 15:25-34 1991.
5. Beardsley, DJS and Thompson BY: Maternal Immune Thrombocytopenic Purpura: Factors Affecting Fetal Platelet Destruction. "Platelet Immunology: Clinical and Fundamental Aspects". C. Kaplan et al (eds.) 206:305-314, J. Libbey Paris, 1991.
6. Beardsley, DJS. Identification of Platelet Membrane Targets Antigens for Human Antibodies by Immunoblotting. Methods in Enzymology J. Hawiger, (ed), Academic Press. 1993.
7. Beardsley, DJS. Platelet Disorders; Nathan and Oski, Hematology of Infancy and Childhood 4th Edition, 43:1561-1604, 1993.
8. Agre P, Beardsley DJS. Blood Cell Antigens and Alloimmune Disorders; Handin, Lux, and Stossel, Eds., J.B. Lippincott, 1994.
9. Beardsley DJS and Nathan DG. Platelet Disorders; Nathan and Oski, Hematology of Infancy and Childhood 5th Edition, 43:1585-1630, 1997.
10. Doute RC, Facey-Deveaux M, Aijaz N, Beardsley DJS. Blood is thicker than water. Current Opinion in Pediatrics 11:303-308, 1999.

Abstracts:

1. Beardsley DJS, Anderson KC, Ezekowitz A. T cell mediated platelet destruction in immune thrombocytopenia. *Blood* 68:292a, 1986.
2. Beardsley DJS, Ho JS, Moulton T. PIT A new platelet specific antigen on glycoprotein V. *Blood* 70:347a, 1987.
3. Beardsley DJS. Immune Thrombocytopenia (ITP): Platelet target antigens of the antibodies in different clinical settings. *Thrombosis and Haemostasis*, 58:1958, 1987.
4. Beardsley DJS. Coagulation abnormalities in vascular malformations. *International Workshop on Vascular Malformations*, 1989.
5. Beardsley DJS, Martin PM, Rieu P. Successful treatment of Kasabach-Merritt Syndrome with interferon. *Thromb. Hemost.* 65:221, 1991.
6. Hajjar, FM, Beardsley, DJS. Expression of Bak^a Antigen on fetal and adult platelets. *International Society of Thrombosis and Hemostasis*, New York, 1993.
7. Ertem M., Holtkamp C, Tandon NN, Jamieson G, Beardsley DJS: "Vis" A New Platelet Alloantigen on Glycoprotein IV Associated With Neonatal Alloimmune Thrombocytopenia (NATP). *International Society of Thrombosis and Hemostasis*, New York, 1993.
8. Beardsley DJS, Tang C, Gomes E, Hajjar F, Holtkamp C, Srimatkandada S, Lamborn C., and Forget B. Platelet autoantibodies react with a recombinant glycoprotein (GP) IIIa peptide containing residues 593-690 of GP IIIa. *Blood* 86:227a, 1995.
9. Beardsley DJS, Tang C, Ertem M, Rockwell S, Kelley M, Campbell D. The "Harrington Mouse": An Animal Model for Human Immune Thrombocytopenia. *Blood* 90(10): 460a, 1997
10. Cironi J, Vergis J, Dakara A, Tworek DM and Beardsley, DJS. Telemedicine for hemophilia: A critical analysis of video teleconferencing hardware for hemophilia care. *Haemophilia* 2000, June; 6(4):444.
11. Cironi J., Marino S., Vergis J., Forsberg A., Beardsley DJS. "Video Grand Rounds": An assessment of internet-based grand rounds to increase collaboration between comprehensive hemophilia treatment centers. *Journal of Thrombosis and Haemostasis*, Supplement, July, 2003.