

**Curriculum Vitae  
David S. Brink, M.D.**

**Personal Information**

Room G325  
Department of Pathology  
SSM Health Cardinal Glennon Children's Hospital  
1465 South Grand Boulevard  
Saint Louis, Missouri 63104-1003  
Phone: 314-268-4043  
Fax: 314-268-6407  
Email: brinkds@slu.edu

**Current Position, Institution, and Start Date**

Director, Selective Pathology (Gastrointestinal & Hepatic) Fellowship Program Saint Louis University School of Medicine, St. Louis, Missouri	2013-present
Director, Anatomic and Clinical Pathology Residency Program Saint Louis University School of Medicine, St. Louis, Missouri	2010-present
Director of Renal Biopsy Service Saint Louis University School of Medicine, St. Louis, Missouri	2009-present
Professor of Pathology Saint Louis University School of Medicine, St. Louis, Missouri	2015-present
Associate Professor of Pediatrics Saint Louis University School of Medicine, St. Louis, Missouri	2008-present
Co-Course Director, Introduction to Pathology Saint Louis University School of Medicine, St. Louis, Missouri	2001-present
Director, Anatomic Pathology Laboratory SSM Health Cardinal Glennon Children's Hospital	2000-present

**Education**

**Postgraduate training:**

Fellowship in Pediatric and Forensic Pathology Saint Louis University School of Medicine, St. Louis, Missouri	07/99-10/00
Residency in Anatomic and Clinical Pathology Saint Louis University School of Medicine, St. Louis, Missouri	07/95-06/00
Post-Sophomore Fellowship in Pathology Saint Louis University School of Medicine, St. Louis, Missouri	07/92-06/93

**Graduate degree:**

M.D., Saint Louis University School of Medicine, St. Louis, Missouri	08/90-05/95
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**Undergraduate degree and major:**

B.A., Biology and Drama, Washington University College of Arts and Sciences, St. Louis, Missouri	08/86-05/90
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**Previous Professional Experience**

Associate Professor of Pathology Saint Louis University School of Medicine, St. Louis, Missouri	2008-2015
Associate Medical Staff, Department of Pathology/Radiology, Anderson Hospital Maryville, Illinois	2007-2008
Associate Staff, Department of Surgery, Touchette Regional Hospital Centreville, Illinois	2007-2009
Medical Director, Laboratory, Touchette Regional Hospital Centreville, Illinois	2007-2009
Associate Staff, Department of Surgery, Kenneth Hall Regional Hospital East St. Louis, Illinois	2007-2009
Medical Director, Laboratory, Kenneth Hall Regional Hospital East St. Louis, Illinois	2007-2009
<i>Locum Tenens</i> Pathologist, Department of Pathology, Memorial Hospital Belleville, Illinois	2001-2002
Assistant Professor, Pathology and Pediatrics Saint Louis University School of Medicine, St. Louis, Missouri	2000-2008

**Hospital and Clinical Staff appointments**

Courtesy/Conditional Staff, Hospital-Based Physicians Department, Memorial Hospital East, Shiloh, Illinois	2016-present
Affiliate Medical Staff, Department of Pathology/Radiology, Anderson Hospital Maryville, Illinois	2008-present
Part-Time Staff Pathologist, Department of Pathology, Memorial Hospital Belleville, Illinois	2002-present
Courtesy Medical Staff, Department of Pathology, Saint Louis University Hospital St. Louis, Missouri	2000-present
Associate Staff, Department of Pathology SSM Health Cardinal Glennon Children's Hospital, St. Louis, Missouri	2000-present

**Board Certification and Licensure**

Pediatric Pathology, American Board of Pathology	11/01-present
Anatomic and Clinical Pathology, American Board of Pathology	10/99-present
Licensed Physician and Surgeon, State of Illinois	07/01-07/17
Licensed Physician and Surgeon, State of Missouri	02/97-01/17

## Professional Society memberships

### National

Renal Pathology Society  
 Children's Oncology Group  
 Society for Pediatric Pathology  
 College of American Pathologists  
 American Society for Clinical Pathology  
 American Medical Association

### Regional

Missouri State Medical Association  
 St. Louis Metropolitan Medical Association

## Honorary Societies, Honors, and Awards

Golden Apple Award (2016)

Saint Louis University School of Medicine and Americal Medical Student Association

Faculty of the Year, Department of Pathology (2014-2015)

Saint Louis University School of Medicine

Best Doctor's List, *St. Louis Magazine* (2015, 2014, 2013, 2012, 2011)

Distinguished Teacher Award for the M.D. Program (2008, 2003)

Saint Louis University School of Medicine

Award of Appreciation, Office of Multicultural Affairs (1998)

Saint Louis University School of Medicine

Honors, Internal Medicine and Surgery Junior Clerkships (1994)

Saint Louis University School of Medicine

Third Prize, AOA Research Form (1992)

Saint Louis University School of Medicine

Phi Beta Kappa (1990)

*Magna Cum Laude* (1990)

Washington University College of Arts and Sciences

## Professional Services

### Committee membership and administrative role:

#### National:

Member, Ethics, Professionalism & Communication Committee 2011-2013  
 Program Directors Section (PRODS) of  
 Association of Pathology Chairs (APC)

Member, Continuing Medical Education Subcommittee of 2004-2006  
 Education Committee, Society for Pediatric Pathology

#### Health Center:

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(Modified based on input from Credentials Committee, Dean's Staff, Chairs Committee and Faculty Affairs Committee)

Member, Finance Committee, SLUCare Physician Group	2009-present
<b>Medical School:</b>	
Member, Annual Program Evaluation / Special Reviews Subcommittee of Graduate Medical Education Committee	2014-2016
Member, Graduate Medical Education Task Force Graduate Medical Education Committee	2012-2013
Review Team Leader, Medicine-Pediatrics Residency Internal Review, Graduate Medical Education Committee	2012
Review Team Leader, Surgery Residency Mid-Cycle Review Graduate Medical Education Committee	2011
Review Team Leader, Pediatric Surgery Residency Pre-Site Review, Graduate Medical Education Committee	2010
Member, Graduate Medical Education Committee	2010-2016
Review Team Leader, Pediatric Clerkship Peer Review Committee	2003
Member, Joint Phase Committee	2003-present
Faculty Advisor, Medical Student Support Group	2002-2011
Cloaker, White Coat Ceremony	2002
Member, Phase I Coordinating Committee	2001-present
Member, Joint Phase Committee	2001-present
<b>Pathology Department:</b>	
Member, Program Evaluation Committee	2016-present
Member, Clinical Competency Committee	2016-present
Chair, Program Evaluation Committee	2015-2016
Chair, Clinical Competency Committee	2014-2016
Chair, Search Committee for Pediatric Pathology Division	2014-present
Team Leader, Education Team of Strategic Planning Committee	2014-present
Member, Strategic Planning Committee	2014-present
Chair, Residency Training Committee	2010-present
Member, Residency Training Committee	2009-2010

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Chair, Compensation Committee	2009-present
Member, Compensation Committee	2008-2009
Member, Faculty Affairs Committee	2002-2006
Member, Faculty Development Committee	2001-2002
Member, Residency Training Committee	1999-2000
Member, Quest Award Committee	1999-2000
Chief Resident	1999-2000
Member, Transfusion Medicine Director Search Committee	1999-2000

**Hospital (SSM Health Cardinal Glennon Children's Hospital):**

Director of Anatomic Pathology Laboratories	11/00-present
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**Community:**

Case Review Team of Fetal Infant Mortality Review (FIMR) Maternal Child and Family Health Coalition	2003-present
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**Current and Past Teaching Responsibilities**

**Administration:**

Director, Hematopathology Fellowship Training Program Saint Louis University School of Medicine	2013-2014
Director, Selective Pathology (GI and liver) Fellowship Training Program Saint Louis University School of Medicine	2013-present
Director, Anatomic and Clinical Pathology Residency Training Program Saint Louis University School of Medicine	2010-present
Director, Renal Biopsy Service Saint Louis University School of Medicine	2009-present
Co-Course Director, Introduction to Pathology Module Saint Louis University School of Medicine	2001-present

**Courses and lectures or topics:**

General Pathology Lectures (~90 hours/year) Logan University	2015-present
Prematriculation Course (10 hours/year) Saint Louis University School of Medicine	2014-present
General Pathology Lectures (16-18 hours/year) Southern Illinois University-Edwardsville Dental School	2013-present

Summer Scholars Program (90 minutes/year) Saint Louis University School of Medicine	2012-present
General Pathology Lectures (60 hours) Logan College of Chiropractic	2012
General Pathology Lectures (7.5 hours) Logan College of Chiropractic	2011
Mini-Medical School, Pathology presentation (30 minutes) Saint Louis University School of Medicine	2005
Pulmonary Pathology Lectures and Laboratories (22 hours/year) Saint Louis University School of Medicine	2005-present
Practical Anatomy Workshop presentation (2 hours) Saint Louis University School of Medicine	2004
General Pathology Lectures (2-4 hours/year) Southern Illinois University-Edwardsville Dental School	2002-2009
Autopsy Experience Lecture (1 hour/year) Saint Louis University School of Medicine	2001-2009
Pulmonary Pathology Lectures and Laboratories (11 hours/year) Saint Louis University School of Medicine	2001-2004
General Pathology Lectures and Laboratories (33 hours/year) Saint Louis University School of Medicine	2000-present
General Pathology Lectures (8-16 hours/year) Southern Illinois University-Edwardsville Dental School	1997-2001
General Pathology Lectures (2.5-3.75 hours/year) Saint Louis University School of Allied Health	1995-2003
<b>Clinical Teaching Responsibilities:</b>	
Renal Pathology for Pathology Residents Saint Louis University School of Medicine	2009-present
Renal Pathology for Nephrology Fellows Saint Louis University School of Medicine	2009-present
Presentation Skills for Pathology Residents Saint Louis University School of Medicine	2003-present
Pulmonary Pathology Lectures for Pulmonary Fellows (2 hours/year) Saint Louis University School of Medicine	2002-2003
Pediatric Anatomic Pathology for Pathology Residents	2000-present

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## Saint Louis University School of Medicine

**Protégé****Fellows, residents, medical students:**

Gershon Norfleet, M.D. (Pediatric Pathology Fellow)  
 Kathy Sotelo, M.D. (Pediatric Pathology Fellow)  
 Linda Ellis, M.D. (Pediatric Pathology Fellow)  
 Guilan Chen, M.D. (Pathology Chief Resident)  
 Sarah Starnes, M.D. (Pathology Chief Resident, Pediatric Pathology Fellow)  
 Prerna Rastogi, M.D. (Pathology Chief Resident)  
 Matthew Prall, M.D. (Pathology Chief Resident)  
 Sharda Kalla Singh, M.D. (Pathology Chief Resident)  
 Andrew Freeman, D.O. (Pathology Chief Resident)  
 Jessica Petrone (Medical Student Advisee)  
 Thomas Gildea (Medical Student Advisee)  
 Kevin Song (Medical Student Advisee)  
 David Priemer (Medical Student Advisee)  
 Brittany Young (Medical Student Advisee)  
 Christine Liang (Medical Student Advisee)  
 Stephen Olsen (Medical Student Advisee)  
 Daniel Rowan (Medical Student Advisee)  
 Michael Nguyen (Medical Student Advisee)  
 Kelly Moses (Medical Student Advisee)  
 Annie Simpson (Medical Student Advisee)

**Bibliography****Peer reviewed articles:**

1. Lechner AJ, Tredway TL, Brink DS, Klein CA, Matuschak GM. Differential systemic and intrapulmonary TNF- $\alpha$  production in *Candida* sepsis during immunosuppression. *American Journal of Physiology* 1992; 263:L526-L535.
2. Brink DS, Longo WE, Ure T, Vernava AM. Hereditary nonpolyposis colorectal cancer syndrome. *Contemporary Surger* 1995; 46(1):33-39.
3. Brink DS, Collins BT, Grosso LE. Histologic, cytologic, and flow cytometric analysis of a mediastinal mass. *Check Sample* 1997; HP97-2:19-31.
4. Brink DS, Grosso LE, Dunphy CH. Leukemic phase of mantle cell lymphoma presenting as anemia: diagnosis by combining flow cytometry and cytomorphology. *Archives of Pathology and Laboratory Medicine* 1998; 122:1018-1022.
5. Brink DS, Grosso LE. Acute promyelocytic leukemia. *Check Sample* 1999; HP99-1:1-17.
6. Keller MS, Weber TR, Sotelo-Avila C, Brink DS, Luisiri A. Duodenal duplication cysts: a rare cause of acute pancreatitis in children. *Surgery* 2001; 130(1):112-115.
7. Batanian JR, Brink DS, Thorpe CM, Haddad BR. Case of lipoblastoma with two derivative chromosomes 8 containing homogeneously staining-like regions and a review of the literature: lipoblastoma and chromosome 8. *Cancer Genetics and Cytogenetics* 2001; 125(1):10-13.
8. Brink DS, Fenton GA, Noguchi A, Manepalli AN, Vogler C. Clinicopathologic conference: neurologic dysfunction in a premature infant. *Journal of Pediatrics* 2002; 140(1):110-115.
9. Vadlamani I, Ma E, Brink DS, Batanian JR. Trisomy 15 in a case of pediatric hemangiopericytoma and review of the literature. *Cancer Genetics and Cytogenetics* 2002; 138(2):116-119.

10. Brink DS, Luisiri A, Grange DK. Case report: lethal multiple pterygium syndrome. *Pediatric Pathology and Molecular Medicine* 2003; 22(6):461-470.
11. Geller T, Loftis L, Brink DS. Cerebellar infarction in adolescent males associated with acute marijuana use. *Pediatrics* 2004; 113:e365-e370.
12. Brink DS. Transient leukemia (transient myeloproliferative disorder, transient abnormal myelopoiesis) of Down syndrome. *Advances in Anatomic Pathology* 2006; 13:256-262.
13. Vogler C, Wang Y, Brink DS, Wood E, Belsha C, Walker PD. Renal pathology in the pediatric transplant patient. *Advances in Anatomic Pathology* 2007; 14(3):202-216.
14. Costa DJ, Mitchell RB, Brink DS. Congenital/infantile fibrosarcoma in a 3-week-old boy. *Ear, Nose, & Throat Journal* 2008; 87(4):196-198.
15. Wilson CN, Vance CO, Doyle TM, Brink DS, Matuschak GM, Lechner AJ. A novel post-exposure medical countermeasure L-97-1 improves survival and acute lung injury following intratracheal infection with *Yersinia pestis*. *Innate Immunity* 2012; 18(3):373-389.
16. Thompson JN, Patel M, Brink DS, Espinoza GM. A unique association of granuloma of the lower eyelid to prior trauma. *Ophthalmic Plastic and Reconstructive Surgery* 2012; 28(4):e87-e88.
17. Hobeika L, Srivastava M, Vo M, Philipneri MD, Brink DS, Wasi N, Lentine KL. Lupus-like glomerulonephritis: an autoimmune complication of hepatitis C infection. *CEN Case Reports* 2012, 1:29-33.
18. Warrick JI, Brink DS, Mitchell RM. Paraganglioma of the palatine tonsil. *Ear, Nose & Throat Journal* 2012; 91(8):E29-E31.
19. Chen G, Ali R, Shuldberg M, Bastani B, Brink DS. Extramedullary hematopoiesis in renal allograft. *Clinical Kidney Journal* 2013; 6(5):491-494.
20. Grimshaw CS, Zawin J, Brink DS, Greenberg DD. Rare case of dual lesion: nonossifying fibroma and osteochondroma. *The American Journal of Orthopedics* 2014; 43(5):234-237.

#### Letters:

21. Kelley PD, Brink DS Joist JH, Ritter D. Lactate dehydrogenase isoenzyme utilization. *Clinical Chemistry* 1996; 42(10):1723-1724.
22. Galambos C, Brink DS, Ritter D, Chung HD, Creer MH. False-positive plasma troponin I with the AxSYM analyzer. *Clinical Chemistry* 2000; 46(7):1014-1015.
23. Polski JM, Dunphy CH, Evans HL, Brink DS. Lymph node infarction. *Archives of Pathology and Laboratory Medicine* 2003; 127(8):922.

#### Book Chapters:

24. Brink DS, Lechner AJ. Development and functional anatomy of the lungs and airways. In: Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).
25. Brink DS, Lechner AJ. Pathology of obstructive pulmonary diseases. In: Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).
26. Brink DS. Pathology of restrictive lung diseases. In: Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).
27. Brink DS. Pathology of atelectatic, vascular, and iatrogenic diseases of the lungs and pleural space. In: Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).
28. Brink DS. Pathology of lung tumors. In: Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).



29. Brink DS, Lechner AJ. Diseases of the upper airways and sinuses. In: Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).
30. Brink DS. Pathology of lung infections. In: Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).
31. Vogler C, Brink DS, Grange DK. Inborn errors of metabolism. In: Stocker JT, Dehner LP, Husain AN (ed.): *Stocker & Dehner's Pediatric Pathology: Third Edition* (Philadelphia: Lippincott Williams & Wilkins, 2011).

**Book:**

32. Lechner AJ, Matuschak GM, Brink DS. *Respiratory: An Integrated Approach to Disease* (New York: McGraw-Hill, 2012).

**Abstracts:**

33. Brink DS, Johns GS, Manepalli AN, Noguchi A, Vogler CA. Möbius syndrome: a case report. *Journal of Neuropathology and Experimental Neurology* 2000; 59(5):449. (Poster presentation)
34. Polski JM, Dunphy CH, Evans HL, Brink DS. Antigen detection in necrotic lymphoid tissue. *Modern Pathology* 2001; 14(1):176A. (Poster presentation at United States and Canadian Academy of Pathology, Annual Meeting, Atlanta, Georgia, March 3-9, 2001).
35. Brink DS, Manepalli A, Geller T, Vogler C. Cerebellar infarction associated with marijuana use in adolescent children. *Modern Pathology* 2001; 14(1):5P. (Oral presentation at Society for Pediatric Pathology, Annual Meeting, Atlanta, Georgia, March 3-9, 2001)
36. deMello DE, Brink DS, Sotelo C, Kemp J, Noyes B. Ultrastructural abnormalities in children with interstitial pneumonitis suggest an aberration in the ABCA3 gene as a cause of lung dysfunction. *Pediatric and Developmental Pathology* 2006; 9(5):404-405. (Poster presentation at the Paediatric Pathology Society and Society for Pediatric Pathology Joint Meeting, Tours, France, August 31 – September 3, 2005)
37. Brink DS, Gapp J, Batanian JR. Isochromosome 1q in congenital oronasopharyngeal teratoma (epignathus). *Modern Pathology* 2006; 19(sup 3):106, 2006. (Poster presentation at the XXVI Congress of the International Academy of Pathology, Montreal, Canada, September 16-21, 2006)
38. Hutcheson PS, Eisenbeis JF, Brink DS, Swierkosz EM, Slavin RG. Staphylococcus enterotoxins in cystic fibrosis patients with chronic rhinosinusitis. *Journal of Allergy and Clinical Immunology* 2008; 121:S217. (Poster presentation)

**Supplemental Material****Invited Talks/Grand Rounds:**

Clinicopathologic Correlation: Ethylene Glycol Toxicity (1 hour) SSM Health Cardinal Glennon Children's Hospital	2016
Clinicopathologic Correlation: Alport Syndrome (1 hour) SSM Cardinal Glennon Children's Medical Center	2015
Topics in Pathology Lecture, ACGME Pathology Milestones (1 hour) Saint Louis University School of Medicine	2014
Clinicopathologic Correlation: Scurvy (1 hour) SSM Cardinal Glennon Children's Medical Center	2013
Clinicopathologic Correlation: Neonatal Hemochromatosis (1 hour)	2009

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SSM Cardinal Glennon Children's Medical Center	
Clinicopathologic Correlation: Blastomycosis (1 hour) SSM Cardinal Glennon Children's Medical Center	2008
Clinicopathologic Correlation: Fulminant Autoimmune Hepatitis (1 hour) SSM Cardinal Glennon Children's Medical Center	2005
Clinicopathologic Correlation: Neonatal Candidiasis (1 hour) SSM Cardinal Glennon Children's Medical Center	2003
Clinicopathologic Correlation: Histoplasmosis (1 hour) SSM Cardinal Glennon Children's Medical Center	2003
Clinicopathologic Correlation: Mucormycosis (1 hour) SSM Cardinal Glennon Children's Medical Center	2002
Clinicopathologic Correlation: Möbius Syndrome (1 hour) SSM Cardinal Glennon Children's Medical Center	2000
Clinicopathologic Correlation: Osteoglophonic Dysplasia (1 hour) SSM Cardinal Glennon Children's Medical Center	2000
Chairman's Rounds: Shakespeare's Medicine (1 hour) Saint Louis University School of Medicine	2000
Chairman's Rounds: Recurrent Glomerulosclerosis (1 hour) Saint Louis University School of Medicine	1999
Chairman's Rounds: Armies of Pestilence: Biological Warfare (1 hour) Saint Louis University School of Medicine	1998
Chairman's Rounds: 8 Bullets, 4 Dead Presidents (1 hour) Saint Louis University School of Medicine	1997
Chairman's Rounds: Fake Blood: Stroma-Free Hemoglobin (1 hour) Saint Louis University School of Medicine	1995
<b>Seminars and workshops at national meetings:</b>	
Non-Neoplastic Lung Pathology (1 hour) American Society for Clinical Pathology, Resident Board Review Course, Los Angeles, California	10/15
Non-Neoplastic Lung Pathology (1 hour) American Society for Clinical Pathology, Resident Board Review Course, Tampa, Florida	09/14
Non-Neoplastic Lung Pathology (1 hour) American Society for Clinical Pathology, Resident Board Review Course, Chicago, Illinois	09/13

**Community Service/Civic Activities**

Member, Case Review Team, Fetal Infant Mortality Review (FIMR)  
Maternal Child and Family Health Coalition, St. Louis, Missouri 2003-present

Career Day, Gateway Elementary Magnet School, St. Louis, Missouri 2003