

## Shouying Du, MD, PhD

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### RESIDENCY AND FELLOWSHIPS

Fellow, Hematopathology ARUP Laboratories/University of Utah, Salt Lake City, UT	07/2012-06/2013
Fellow, Surgical Pathology University of California San Diego, San Diego, CA	07/2011-06/2012
Resident, Combined Anatomic and Clinical Pathology University of California San Diego, San Diego, CA	07/2007-06/2011
Fellow, part time along with residency Placental and Perinatal Pathology University of California San Diego, San Diego, CA	05/2009-05/2010

### EDUCATION

Ph.D. in Molecular, Cellular, and Developmental Biology Indiana University, Bloomington, IN, USA	07/1999
Master of Medicine in Immunology Beijing Medical University, Beijing, P. R. China	07/1993
Bachelor of Medicine Suzhou Medical College, Suzhou, P. R. China	07/1990

### LICENSURE & CERTIFICATIONS

Utah Medical License (#8246961-1205)	2012- (active)
California Medical License (#A110033)	2009- (active)
American Board of Pathology Certification in Anatomic and Clinical Pathology	07/2011
USMLE Step 3	06/2007
ECFMG Certificate (#0-662-863-0)	10/2006
USMLE Step 2 CS	09/2006
USMLE Step 2 CK	06/2006
USMLE Step 1	11/2004

### PROFESSIONAL AFFILIATIONS

College of American Pathologist	2007-Present
American Society for Clinical Pathology	2008-Present
California Society of Pathologists	2008-Present

### AWARDS AND HONORS

David J. Epstein Award for Academic Excellence University of California San Diego, School of Medicine	06/2010
Edward A. Smuckler Memorial Award to Pathobiology of Cancer Meeting Keystone Resort, Keystone, Colorado American Association for Cancer Research	07/2001

**PROFESSIONAL WORK EXPERIENCE**

Instructor, Department of Pathology University of Utah, Salt Lake City, UT	01/2013
Instructor, Department of Pathology University of California San Diego, CA	04/2011
Supervisor & Research Associate, Molecular Biology Core Facility University of Southern California, Los Angeles, CA	07/2002-05/2007
Postdoctoral Fellow, Department of Pathology University of Pennsylvania, Philadelphia, PA	10/2000-07/2002
Postdoctoral Fellow, Howard Hughes Medical Institute University of California Los Angeles, CA	07/1999-09/2000
Associate Instructor and Research Assistant, Department of Biology Indiana University, Bloomington, IN	09/1995-06/1999
Assistant Professor, Department of Immunology Beijing Medical University, Beijing, P.R. China	09/1993-08/1995

**CONFERENCE ATTENDANCE/CONTINUING MEDICAL EDUCATION**

California Tumor Tissue Registry seminars, Costa Mesa, CA	06/2010 & 06/2008
CAP'09 THE Pathologists' Meeting, Washington DC	10/2009
CAP'12 & '08 THE Pathologists' Meeting, San Diego, CA	09/2012 & 09/2008
Surgical Pathology Updates, Cedars-Sinai Medical Center, Los Angeles, CA	05/2008

**ACTIVITIES & INTERESTS OUTSIDE OF WORK**

Swimming, hiking, tennis, and traveling

**REFERENCES**

Available upon request

**PUBLICATIONS & PRESENTATIONS****Presentations & Posters**

1. Gave multiple oral presentations at tumor boards, morbidity and mortality conferences, residents' conferences and journal clubs. 07/2007-Present
2. **Du S**, Perkins SL, Wilson A, South S, Toydemir RM, Bahler DW, and Salama ME. Expression patterns of aberrant antigens on neoplastic plasma cells and their association with *CKS1B* positive cytogenetics subgroup. 2013 United States & Canadian Academy of Pathology Annual Meeting, Baltimore, MD. Accepted. 03/2013
3. **Du S**, Hasteh F, and Shabaik A. Metastatic teratomas with somatic-type malignancy after chemotherapy for testicular germ-cell tumors: our experience with three cases. 2012 American Society for Clinical Pathology Annual Meeting, Boston, MA. 10/2012
4. **Du S** and Holland S. Palpable mass in the axilla of a male: gynecomastia masquerading as hidradenitis suppurativa. CAP'12 THE Pathologists' Meeting, San Diego, CA. 09/2012
5. **Du S** and Wong AK. Superficial spongiotic dermatitis or mycosis fungoides? Oral presentation (Workshop Case No. 271). Society for Hematopathology & European Association for Haematopathology (SH/EAHP) Workshop 2011, Los Angeles, CA. 10/2011
6. **Du S**, Hasteh F, Weidner N, and Shabaik A. A unique simultaneous presence of adenocarcinoma, carcinoid tumor and gastrointestinal stromal tumor (GIST) in the stomach. CAP'09 THE Pathologists'

Meeting, Washington, DC. 10/2009

7. **Du S**, Ji Q, Ookhtens M, Stanczyk FZ, Stolz A. Induction of *AKR1C1* and *AKR1C2* by phase II inducers can block dihydrotestosterone (DHT)-dependent gene expression in prostate cancer (CaP) cell lines. Endocrine Society's 87th Annual Meeting, San Diego, CA. 06/2005
8. Stolz A, Lou H, **Du S**, and Ji Q. Phase II inducers can up regulate *AKR1C2* expression by a distal antioxidant response element (ARE): Implications for chemoprevention of carcinogen induced tumors. The 3rd Annual AACR International Conference on Frontiers in Cancer Prevention Research, Seattle, WA. 10/2004
9. Dubey P, Su H, Adonai N, **Du S**, Rosato A, Braun J, Gambhir SS, and Witte ON. Quantitation of the T cell anti-tumor response by positron emission tomography. Immune System Development and Function/Midwinter Conference of Immunologists, Asilomar, CA. 01/2003

#### Peer-Reviewed Journal Articles

1. **Du S**, Powell J, Hii A, Weidner N. Myoid gonadal stromal tumor: a distinct testicular tumor with peritubular myoid cell differentiation. *Human Pathol* 2012 43(1):144-149
2. **Du S**, Scuderi R, Malicki DM, Willert J, Bastian J, Weidner N. Hodgkin's and non-Hodgkin's lymphomas occurring in two brothers with Wiskott-Aldrich Syndrome (WAS) and review of the literature. *Pediatr Dev Pathol* 2011 14(1):64-70
3. Liu Z, Zhou X, Shi Y, **Du S**, Yang Y, Tang J, Shen Y. Study on biodistribution and radioimmunoimaging of <sup>131</sup>Iodine-labeled monoclonal antibody D-D3 against Pro-Gastrin-Releasing Peptide (31-98) in tumor-bearing mouse. *Cancer Biother Radiopharm* 2011 26(2):229-235
4. **Du S**, Rashidi H, Le D, Broome HE, and Wang HY. Systemic mastocytosis in association with chronic lymphocytic leukemia and plasma cell myeloma. *Int J Clin Exp Pathol* 2010 3(4):448-457
5. Shi Y, Zhang J, Liu Z, **Du S**, Shen Y. Adenovirus-mediated and tumor specific transgene expression of the sodium-iodide symporter from the human telomerase reverse transcriptase promoter enhances killing of lung cancer cell line in vitro. *Chin Med J (Engl)*. 2010 123(15):2070-6
6. **Du S**, Hasteh F, Weidner N, and Shabaik A. A Unique Simultaneous Presence of Adenocarcinoma, Carcinoid Tumor and gastrointestinal Stromal Tumor (GIST) in the Stomach. *The Internet J of Pathol* 2009 8(2)
7. Lou H, **Du S**, Ji Q, and Stolz A. Induction of *AKR1C2* by Phase II inducers: Identification of a Distal Consensus Antioxidant Response Element Regulated by NRF2. *Mol Pharmacol* 2006 69:1662-1672
8. **Du S**, Lawrence E, Strzelecki D, Rajput P, Xia SJ, Gottesman DM and Barr FG. Co-expression of alternatively spliced forms of *PAX3*, *PAX7*, *PAX3-FKHR* and *PAX7-FKHR* with distinct DNA binding and transactivation properties in rhabdomyosarcoma. *Int J Cancer* 2005 20(115):85-92
9. Dubey P, Su H, Adonai N, **Du S**, Rosato A, Braun J, Gambhir SS, and Witte ON. Quantitative imaging of the T cell antitumor response by positron-emission tomography. *PNAS* 2003 100 (3):1232-1237
10. Bowman WC, **Du S**, Bauer CE, and Kranz RG. *In vitro* activation and repression of photosynthesis gene transcription in *Rhodobacter capsulatus*. *Mol Microbiol* 1999 33(2):429-437
11. **Du S**, Kouadio JLK and Bauer CE. Regulated expression of a highly conserved regulatory gene cluster is necessary for controlling photosynthesis gene expression in response to anaerobiosis in *Rhodobacter capsulatus*. *J Bacteriol* 1999 181(14):4334-4341
12. Bird TH, **Du S**, and Bauer CE. Autophosphorylation, phosphotransfer, and DNA-binding properties of the *RegB-RegA* two-component regulatory system in *Rhodobacter capsulatus*. *J Biol Chem* 1999 274(23):16343-16348

13. **Du S**, Bird TH, Bauer CE. DNA binding characteristics of *RegA\**: a constitutively active anaerobic activator of photosynthesis gene expression in *Rhodobacter capsulatus*. *J Biol Chem* 1998 273(29):18509-18513
14. Zhang X, **Du S**, Chien Y. Interleukin-13, an IL-4 like cytokine functioning on monocytes and B cells (Review). *Int J Medicine, Immunol Issue* 1995 17(2):49
15. **Du S**, Chien Y. *Lycium Barbarum* extractions and IL-2 secretion. *Shanghai J Immunol* 1995 15(1):425
16. Hu G, Bai H, **Du S**, Zhang H, Shi Q, Chien Y. The regulatory effect of chinese medicine *Lycium Barbarum* on lymphoproliferation and T lymphocyte subpopulation. *Chinese J Immunol* 1995 11(3):163
17. **Du S**, Chien Y. Effect of the extractions of *Lycium Barbarum* on IL-2R expression of human lymphocytes. *Chinese J Micro and Immunol* 1995 15(3):176
18. **Du S**, Zhang X, Lou L, Chien Y. Effect of *Lycium Barbarum* on the secretion of IL-6 and TNF by human whole blood cells. *Chinese J Immunol* 1994 10(6):17
19. **Du S**, Hu G, Chien Y. Progress in the study of interleukin-2 receptor  $\beta$ -chain (Review). *Int J Medicine, Immunol Issue* 1992 15(6):303

#### Book Chapters

1. Ji Q, Liu P, Chen PK, Stanczyk FZ, **Du S**, Lou H, and Stolz A. 2005. Dysregulation of human AKR1C family members in human breast cancer. In, *Enzymology and Molecular Biology of Carbonyl Metabolism – 12*. H. Weiner, B. Plapp, R. Lindahl, and E. Maser (eds.), Purdue University Press, West Lafayette, IN. pp. 366-377
2. **Du S**, et al. 1995. Examination methods for the levels and activities of various cytokines. In, *Encyclopedia of Chinese Medical Laboratory Tests (in Chinese)*. People's Health & Hygiene Press, Beijing, PRC. pp. 2235-2248
3. **Du S**. 1994. Neurological disorders and immunology, and Endocrine system diseases and immunology. In, *Clinical Immunology (in Chinese)*. Y. Chien (ed.), the Peking Union Medical College and Beijing Medical University Press, Beijing, PRC. pp. 95-107
4. **Du S**. 1994. Laboratory examinations of lymphocyte functions. In, *Practical Immunology (in Chinese)*. Y. Chien and J. Yin (eds.), the Peking Union Medical College and Beijing Medical University Press, Beijing, PRC. pp. 11-17

#### ADDITIONAL NOTES

US Citizenship (naturalized)