

Curriculum Vitae
Dorothy H. Rowe, MD, FACS, FAAP

EMPLOYMENT

- 10/2003 - Pediatric Surgeons of Phoenix
1920 E. Cambridge Ave., Suite 201
Phoenix, AZ 85006
602-254-5561
- 9/2011 - Instructor of Surgery
Mayo Clinic- Phoenix
- 10/2005 - Clinical Assistant Professor of Surgery
University of Arizona College of Medicine- Phoenix

EDUCATION

- 6/1988 Harvard University, Cambridge, MA; B.A.
6/1994 Columbia University College of Physicians and Surgeons,
New York, NY; M.D.

POST-DOCTORAL TRAINING

- 7/1994 - 6/1997 General Surgery Residency
Columbia-Presbyterian Medical Center
- 7/1997 - 6/1999 Research Fellowship, Babies and Children's Hospital of New
York, Pediatric Surgical Laboratory
- 7/1997 - 6/1999 ECMO Fellowship, Babies and Children's Hospital of New York
- 7/1999 - 6/2001 General Surgery Residency
Columbia-Presbyterian Medical Center
- 7/2001 - 6/2003 Pediatric Surgery Fellowship, Children's Hospital of New York
Presbyterian

HONORS AND AWARDS

- 7/1999 The Peter Paul Rickham Prize, British Association of Pediatric
Surgeons, "Anti-VEGF Antibody Suppresses Primary Tumor
Growth and Metastasis in an Experimental Model of Wilms
Tumor."

5/1999 Resident's Research Award, First prize, Columbia Department of Surgery, "Anti-VEGF Antibody in Experimental Wilms Tumor and Neuroblastoma."
5/1998 Resident's Research Award, Third prize, Columbia Department of Surgery, "VEGF and Pulmonary Development in Murine Fetal Heart-Lung Culture."
1993 Alpha Omega Alpha Honor Society
1988 *Cum laude*, Harvard University
1986, 1987 John Harvard Scholarship
1985 Elizabeth Carey Agassiz Certificate of Merit
1984 National Merit Scholar

CERTIFICATION AND LICENSURE

Arizona Board of Medicine, Physician License
ATLS Certification
Board Certified, General Surgery, American Board of Surgery
Board Certified, Pediatric Surgery, American Board of Surgery

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Pediatric Surgical Association (APSA)
Greater Phoenix Pediatric Society
Fellow, American College of Surgeons
Fellow, American Academy of Pediatrics

COMMITTEES

Phoenix Children's Hospital
-Peer Review Committee
-Medical Executive Committee
-Credentials Committee

PUBLICATIONS

Original, peer- Reviewed articles

Rowe DH, Stolar CJ: Recurrent diaphragmatic hernia. *Seminars In Pediatric Surgery* 12:107-109, 2003.

Huang J, Moore J, Soffer S, Kim E, **Rowe D**, Manley CA, O'Toole KM, Middlesworth W, Stolar C, Yamashiro D, Kandel J. *Highly Specific Antiangiogenic Therapy is Effective in Suppressing Growth of Experimental Wilms Tumors. **Journal of Pediatric Surgery** 35:357-61, 2001.*

Rowe DH, Huang J, Manley C, Li J, O'Toole KM, Stolar CJ, Yamashiro DY, and Kandel JJ: *Suppression of Primary Tumor*

Growth in a Mouse Model of Human Neuroblastoma. Journal Of Pediatric Surgery 35:977-81, 2000.

Rowe DH, Huang J, Kayton ML, Thompson RB, Troxel A, O'Toole KM, Stolar CJ, Yamashiro DY, and Kandel JJ: *Anti-VEGF Antibody Suppresses Primary Tumor Growth and Metastasis in an Experimental Model of Wilms Tumor. Journal of Pediatric Surgery 35:30-02, 2000.*

Rowe DH, Kayton ML, O'Toole KM, Ingram M., Stolar CJH, and Kandel JJ: *Pathologic Angiogenesis in a Murine Model of Human Wilms Tumor. Journal of Pediatric Surgery 34:676-679, 1999.*

Kayton ML, **Rowe DH**, O'Toole KM, Thompson RB, Schwarz MB, Stolar CJH, and Kandel JJ: *Metastasis Correlates with Vascular Endothelial Growth Factor in a Murine Model of Human Wilms Tumor. Journal of Pediatric Surgery 34: 743/748, 1999.*

Marvin MR, Kayton ML, O'Toole KM, **Rowe DH**, DeRosa C, Kendrid A, Trokhan S, Chabot J, and Kandel JJ: *A Metastasizing Model of Anaplastic Human Wilms Tumor in the Nude Mouse. European Journal of Pediatric Surgery 8:295-298, 1998.*

Abstracts

Rowe, DH, Huang J, Manley C, Li J, O'Toole KM, Stolar CJ, Yamashiro DY, and Kandel JJ: *Suppression of Primary Tumor Growth in a Mouse Model of Human Neuroblastoma. American Academy of Pediatrics, Section on Surgery, 1999.*

Rowe DH, Kayton ML, Marboe CM, Kandel JJ, and Stolar CJH: *Vascular Endothelial Growth Factor and Pulmonary Development in Murine Fetal Heart Lung Culture. British Association of Pediatric Surgeons, 1999.*

Rowe DH, Kayton ML, Marboe CM, Kandel JJ, and Stolar CJH: *Vascular Endothelial Growth Factor and Pulmonary Development In Murine Fetal Heart Lung Culture. Pediatric Research 45:60A.*

Rowe DH, Huang J, Kayton ML, Thompson RB, Troxel A, O'Toole KM, Stolar CJ, Yamashiro DY and Kandel JJ: *Anti-VEGF Antibody Suppresses Primary Tumor Growth and Metastasis in a Murine Model of Wilms Tumor. Third International Conference on the Molecular and Clinical Genetics of Childhood Renal Tumors, 1999.*

Kayton ML, **Rowe DH**, O'Toole KM, Ingram M, Stolar CJH and Kandel, JJ: *Pathologic Angiogenesis in a Metastasizing Model of Human Wilms Tumor. Surgical Forum 49:593-595, 1998.*

Rowe DH, Kayton ML, O'Toole KM, Ingram M, Stolar CJH and Kandel, JJ: *Pathologic Angiogenesis in a Murine Model of Human Wilms Tumor*. American Academy of Pediatrics, Section on Surgery, 1998.

Kayton ML, **Rowe DH**, O'Toole KM, Thompson RB, Schwarz MB, Stolar, CJH and Kandel JJ: *Metastasis Correlates with Vascular Endothelial Growth Factor in a Murine Model of Human Wilms Tumor*. **American Academy of Pediatrics, Section on Surgery, 1998.**

Posters

Ma I, Williamson A, **Rowe D**, Ritchey M, Graziano K
OHVIRA with a Twist: Obstructed Hemivagina Ipsilateral Renal Anomaly with Urogenital Sinus in Two Patients. **North American Society of Pediatric and Adolescent Gynecologists, Annual Clinical and Research Meeting, Apr, 2012.**

Rowe DH, Kayton ML, Marboe CM, Kandel JJ and Stolar CJH:
Vascular Endothelial Growth Factor and Pulmonary Development in Murine Fetal Heart Lung Culture. **Society for Pediatric Research, May, 1999.**

Book Chapters

Management of Infants with Congenital Diaphragmatic Hernia with ECMO, Charles JH Stolar and **Dorothy H Rowe**, in ECMO: Extracorporeal Cardiopulmonary Support in Critical Care **Extracorporeal Life Support Organization, 1999.**

Research Funding

Department of Surgery Start-up Grant 1998-99
Department of Surgery Start-up Grant 1997-98

Invited

Presentations

“Vascular Endothelial Growth Factor and Pulmonary Development in Murine Fetal Heart Lung Culture.” **British Association of Pediatric Surgeons, 1999.**

“Anti-VEGF Antibody Suppresses Primary Tumor Growth and Metastasis in a Murine Model of Wilms Tumor.” **Third International Conference on the Molecular and Clinical Genetics of Childhood Renal Tumors, 1999.**

“VEGF and Pulmonary Angiogenesis in Fetal Organ Culture.”
Ground Rounds, Department of Pediatric Cardiology, Babies & Children’s Hospital of New York, 1998.

“Pathologic Angiogenesis in a Murine Model of Human Wilms Tumor.” **American Academy of Pediatrics, Section on Surgery,**

1998.

**“Angiogenesis in Pulmonary Development.” Grand Rounds,
Department of Pediatrics, Babies & Children’s Hospital of
New York, 1998.**