

## **Curriculum Vitae**

**Henry E. Childers IV, M.D.**

**16624 Shoal Rd**

**Lewes, DE 19958**

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**(302)362-8726**

### **Board Certifications**

**American Board of Surgery**

October 28, 2003 (certificate # 48523)

**American Board of Thoracic Surgery**

June 10, 2005 (certificate # 7035)

### **Founder / Owner / MD**

**Delaware Integrative medical Center LLC**

**20930 DuPont Blvd**

**Georgetown, DE 19947**

### **Attending Cardiothoracic Surgeon**

**Medical Director of Cardiothoracic Surgery**

**Attending cardiothoracic surgeon**

**Beebe Medical Center**

**Lewes, DE**

**December 2011- 2012**

### **Surgery**

**Senior Medical Director of Cardiothoracic**

**Chairman, Department of Cardiac Services**

**Medical director of Heart Care Unit**

**Southern Ohio Medical Center**

**Portsmouth, OH**

**August 2008- December 2011**

**Cardio-Thoracic Surgical Associates, Inc.**

**Greensburg, PA 15601**

**March 2005- July 2008**

**Consultants in Cardiovascular Disease, Inc.**

**St. Vincent Medical Center**

Erie, PA 16502  
March 2004-March 2005

**Fellowship in Cardiothoracic Surgery**

**The University of Pennsylvania**  
Division of Cardiothoracic surgery  
July 2003- March 2004

**Resident in Cardiothoracic Surgery**

**The University of Pennsylvania**  
Division of Cardiothoracic surgery  
July 2001- July 2003

**Postdoctoral Training**

**The New York Hospital-Cornell Medical Center**  
New York, New York  
Intern, Department of Surgery 7/96-6/97  
Resident, Department of Surgery 7/97-6/00  
Chief Resident, Department of Surgery 7/00 -6/01

**Academic Appointments**

**Cornell University Medical College**  
Clinical Associate in Surgery 7/97-6/99  
Senior Clinical Associate in Surgery 7/99-6/01

**Medical School**

**Tufts University School of Medicine**  
Boston, Massachusetts  
Medical Doctorate, 1996

**College**

**University of Rhode Island**  
Kingston, Rhode Island  
Bachelor of Science in Biology, 1984

**Research Experience**

**University of Pennsylvania**  
Clinical research, Dept of Cardiothoracic Surgery  
Timothy Gardner, MD Chairman

**Tufts University School of Medicine, Boston, MA**  
Molecular Pathology research under Hubert J. Wolfe,  
MD from 6/84-7/86.  
Genetic detection using novel cell free transcription of  
RNA probes for in-situ with specific emphasis on  
oncogene detection.  
Cell Biology research under A.S. Tischler NM from  
6/90-6/92.  
Defining the mechanism of stimulation of adult, neonatal  
and neoplastic chromatin cell proliferation and  
determining changes in the proliferative mechanism of

developing cells. Studies also in cell immortalization.  
Immunology research under Henry Wortis MD from  
5/93- 6/96.  
Identifying genetic changes associated with B cells when  
stimulated by T cells vs. antigenic IgG cross linking.

## **Presentation**

**An Educational Heart Failure Series**  
**Heart Failure and Therapies: LV Remodeling and it's**  
**Management**  
**Excelsa Health System**  
Wednesday June 6, 2007

**The Pennsylvania Association for Thoracic Surgery**  
**Fortieth Annual Meeting**  
*"Results of 80 Consecutive Acute Type A Aortic*  
*Dissections"* presented on October, 2002

**International Society of Minimally Invasive Cardiac**  
**Surgery**

*"Minimally Invasive Video Assisted Graft Replacement*  
*of a Descending Thoracic Aortic Aneurysm"*  
presented on July, 2002

**Surgical Grand Rounds New England Medical Center**

*"Takayasu's Arteritis"* presented on May 21, 1995

**Surgical Grand Rounds Newton Wellsley Hospital**  
*"Review of Pituitary Adenomas"* presented August 10,  
1994

**Vascular Conference New England Medical Center**  
*"External Carotid Endarterectomy"* presented on May  
3,1995

**Vascular Conference New England Medical Center**  
*"Takayasu's Arteritis"* presented on May 17, 1995

## **Employment**

**Professional Yacht Racing 1982 -1996**  
**Stars & Stripes** 1987 America's Cup  
Winner - Crew Member

**America3** 1992 America's Cup

Winner - Sailing Consultant/ Crew Chief/  
Crew Member

**Class A Maxi Boat World Champion**  
Winner in 1987,1988,1990,1991

**Market Research Analyst** 6/89-6/90  
**Boston Biomedical Consultants, Inc., Waltham, MA**  
Independently developed and managed bioanalytical research projects. Developed company profiles, competitive and market forecasts; developed and managed extensive industry database.

**Cofounder/Chief Executive Officer** 6/87-6/90  
**Waterfront Marine Service, Inc, Providence, RI**  
Responsible for ongoing executive decision-making and strategic growth. Developed business plan, secured state license and financing.

## **Publications**

1. Wolfe, H.J., Childers, H.E., Montminy, M., Goodman, R., Punzak, S., Lechan, R., Delellis, R.A., and Tischer, A.S. Use of antisense RNA probes for morphologic detection of peptide producing cells by in situ hybridization. Lab. Invest., 52:77a, 1985.
2. Hoefler, H., Childers, H.E., Montminy, M., Lechan, R.M., Goodman, R., and Wolfe, H.J. In situ hybridization methods for the detection of somatostatin mRNA in tissue sections using antisense RNA probes. Histochem. J. 18:11&12: 597-604 1986.
3. Dayal, V., Hoefler, H., Leiter, A., Fink, J.S., Reinhold, P., Childers, H.E., Tallberg, K., Delellis, R.A., Tischler, A.S., Goodman, R., and Wolfe, H.J. Multiple endocrine gene expression in a ductal adenocarcinoma of the pancreas demonstrated by in situ hybridization and immunocytochemistry. Lab. Invest. 54:15a, 1986.
4. Wolfe, H.J., Hoefler, H., Childers, H.E., Delellis, R.A., Leiter, A., Goodman, R. Pancreatic polypeptide gene expression in human normal, fetal and adult pancreas and in chronic pancreatitis. Lab. Invest. 54:71&, 1986.

5. Hoefler, H., Childers, H.E., Mobtaker, H., Tischler, A.S., Delellis, R.S., and Wolfe, H.J., FOS oncogene expression in a mouse medullary thyroid carcinoma cell line demonstrated by blot and in situ hybridization. Lab. Invest. 54:26a, 1986
6. Hoefler, H., Mobtaker, H., Carney, W.P., Childers, H.E., Delellis, R.A., Rabin, H., Tischler, A.S., and Wolfe, H.J. Simultaneous localization of HA RAS mRNA and protein P-21 by in situ hybridization with antisense RNA probes, cDNA probes and immunohistochemistry. Lab. Invest., 54:26a, 1986.
7. Hoefler, H., Childers, H.E., Dayal, V., Leiter, A., Goodman, R., Delellis, R.A., Tischler, A.S., and Wolfe, H.J. Die beurteilung neuroendokriner gonexpression von tumorzellen mit kombinierter in situ hybridisierung und immunzytochemie. Verh. ges. path. 70:211-216 1986.
8. Goodman, R., Lechan, R., Jackson, I., Childers, H.E., Hoefler, H., Wolfe, H.J., Lee, S., Mandel, G. New techniques in neuroendocrinology: expression-cloning of the precursor to thyrotropin-releasing hormone. Neuroendocrine Perspectives (Ed) Muller and MacLeod. 5:233-246, 1986.
9. Leiter, A., Hoefler, H., Childers, H.E., Wolfe, H.J., and Goodman, R. Synthesis and storage of hormones in a pancreatic tumor detected by in situ hybridization and immunohistochemistry. Gastroenterology 90:1515, 1986
10. Segerson, T., Hoefler, M., Childers, H.E., Wolfe, H.J., Wu, Jackson, I., Lechan, R.M. Localization Of TRH prohormone mRNA in rat brain by in situ hybridization. Journal of Endocrinology, 121:96-107, 1986
11. Hoefler, M., Childers, H.E., Montminy, M., Goodman, R., Lechan, R.M., Delellis, R.A., Tischler, A.S., and Wolfe, H.J. Localization of somatostatin mRNA in the gut, pancreas and thyroid gland of the rat using antigens & RNA probes for in situ hybridization. Acta Histochem. Suppl-Band XXXIV., S. 101-105, 1987.
12. Shrager Transcervical thymectomy for myasthenia gravis. Annals of Thoracic Surgery, Vol.74: 320-328, Aug 2002
13. Childers, H., Pochettino, A., Gleason, T., Gorman, R., Moser, W., Bavaria, J. Biogluce with acute type A Aortic dissection: Results from 80 consecutive repairs. Submitted to the Philadelphia Society of Thoracic Surgery Oct 2002

14. Woo, Y.J., Childers, H.E. Minimally invasive video assisted graft replacement of a descending thoracic aortic aneurysm. Submitted to Heart Surgery Forum July 2002

### Abstracts

15. Wolfe, H.J., Childers, H.E., Montminy, M., Goodman, R., Hoefler, H., Punzak, S., Lechan, R., Delellis, R.A., and Tischler, A.S. The use of antisense RNA probes for morphologic detection of peptide producing cells by in situ hybridization. IAP, 1985 (Toronto) and New England Soc. of Pathol.
16. Montminy, M., Childers, H.E., Lechan, R.M., Forte, S., Wolfe, H.J., and Goodman, R. Progenitors of somatostatinergic neurons identified by in situ hybridization. Endocrine Society, 1985.
17. Dayal, V., Hoefler, H., Leiter, A., Fink, J.S., Reinhold, P., Childers, H.E., Tallborg, K., Delellis, R.A., Tischler, A.S., Goodman, R., and Wolfe, H.J. Multiple endocrine gene expression in ductal adenocarcinoma of the pancreas demonstrated by in situ hybridization and immunocytochemistry. IAP, 1986.
18. Wolfe, H.J., Hoefler, H.E., Childers, H., Delellis, R.A., Leiter, A., Goodman, R. Pancreatic polypeptide gene expression in human normal, fetal and adult pancreas and in chronic pancreatitis. IAP, 1986.
19. Hoefler, M., Mobtaker, H., Carney, W.P., Childers, H.E., Delellis, R.A., Rabin, H., Tischler, A.S., and Wolfe, H.J. Simultaneous localization of HA RAS mRNA and protein P-21 by in situ hybridization with antisense RNA probes and immunohistochemistry. IAP, 1986.
20. Hoefler, H., Childers, H.E., Dayal, V., Leiter, A., Goodman, R., Delellis, R.A., Tischler, A.S., and Wolfe, H.J. Die Bourteilung neuroendokriner Genexpression von Tumorzellen mit kombinierter in situ Hybridisierung und Immunzytochemie. Presented at Deutsche Gesellschaft für Pathologie Heidelberg, 1986.
21. Hoefler, H., Mobtaker, H., Carney, W.P., Childers, H.E., Delellis, R.A., Tischler, A.S., Rabin, H., and Wolfe, H.J. Charakterisierung der ras-oncogen expression in humanen Tumorzellen durch in situ Hybridisierung und Immunzytochemie. Presented at Deutsche Gesellschaft für Pathologie Heidelberg, 1986.
22. Segerson T., Hoefler, H., Childers, H.E., Wu, P., Wolfe, H.J., Lechan, R.M. In situ hybridization of TRH mRNA in rat brain. The Endocrine Society, 1986.