



George Ferzli, M.D.

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EDUCATION

Institution	Degree	Year
American University of Beirut, Beirut, Lebanon	B.S.	1993 (Biochemistry)
American University of Beirut	M.D.	1998 (Medicine)
American University of Beirut	Residency	2002 (Pediatrics)
University of Alabama at Birmingham	Fellowship	2006 (Neonatology)
University of Alabama at Birmingham	Residency	2008 (Pediatrics)

POSTDOCTORAL TRAINING

Institution	Degree	Year
University of Alabama at Birmingham	Resident	2006-2008 (Pediatrics)
University of Alabama at Birmingham	Fellowship	2002-2006

AWARDS/HONORS

- 2006 Ross Award in Research - Southern Society for Pediatric Research
- 2006 Runner-up for SSPR Young Investigator Award in Basic Science
- 2006 Traveler's Award. Southern Society for Pediatric Research
- 2006 Traveler's Award. Society for Pediatric Research

MAJOR RESEARCH INTERESTS

Artificial placenta for support of premature infants. Artificial lung for support of newborn infants with respiratory distress.

GRANTS

July 2005 – Current Internal funding, Department of Engineering
PI

“Development of a non-mechanical magnetohydrodynamic pump for cardiopulmonary support”.

The goal of this project is to develop a pump with no mechanical bearing driven by Lorentz force acting on a conducting solution that is blood. The aim is to reduce complications associated with current mechanical pumps used for cardiopulmonary support.

July 2006 – Current Internal funding, Department of Engineering
PI

“Development of a software for 3D reconstruction of lung model and tracing of chest tube”. The goal of this project is to develop a software that would reproduce a 3D lung model using 2D chest radiographs. The aim is to provide a more accurate modality to trace a chest tube location placed in a sick newborn.

MANUSCRIPTS

Madan A, El-Ferzli G, Carlson SM, Whitin JC, Schilling J, Najmi A, Yu TT, Lau K, Dimmitt RA, Kohen HJ. A potential biomarker in the cord blood of preterm infants who develop retinopathy of Prematurity. *Pediatr Res.* 2007 Feb; 61(2):215-21.

Ferzli GT, El-Tal A el K, Kibbi AG, Mikati MA. Localized morphea: a rare adverse effect of valproic acid. *Pediatr Neurol.* 2003 Sep; 29(3):253-5.