

Div Pulm & Critical Care Medicine
Stanford University Medical Center
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Roham T. Zamanian, M.D.

EDUCATION

June 2005	Pulmonary & Critical Care Fellow (current) Division of Pulmonary & Critical Care Medicine Stanford University Medical Center
	eBay Pulmonary Hypertension Fellow (current) Vera Moulton Wall Center for Pulmonary Vascular Disease Stanford University Medical Center
	Pulmonary & Critical Care Fellow (2002-2003) Division of Pulmonary & Critical Care Medicine University of California, Irvine Medical Center
June 2002	Internal Medicine ABIM Board Certified 2003 University of California, Irvine Medical Center
June 1999	Doctor of Medicine University of California, Irvine College of Medicine
June 1994	Bachelor of Science , Biological Sciences University of California, Irvine

AWARDS

- Fellow of the year 2002-2003, UCIMC Dept of Medicine
- Dept of Internal Medicine Research Presentation Award (2001)
- Intern of the year 1999-2000, UCIMC Dept of Medicine
- Case Presentation Award, ACCP Chest 2000
- The Campuswide Honors Program (1990-1994)
- Ralph Waldo Gerard Award for Outstanding Researcher
- UCI Undergraduate Excellence in Research Award
- Howard Hughes Summer Fellowship, Harvard School of Medicine.
- Dean's Honor List (3 yrs.)

RESEARCH & PRESENTATION

Feb 2004 - Present	The Expression of Mts1 in patients with Pulmonary Arterial Hypertension. Stanford University Medical Center. RT Zamanian, MD, A Lawrie, PhD, M Rabinovitch, MD, R Doyle, MD.
Sept 2003-Present	Co-Investigator for Xigris – ADDRESS, EVBR, EVCL Trials. Stanford University Medical Center. Critical Care Medicine. R Pearl, MD, RT Zamanian, MD.
Nov 2002-2003	Use of Bicarbonate to Improve Exercise Tolerance in Patients with Chronic Obstructive Pulmonary Disease. Veteran's Administration Medical Center, Long Beach. Division of Pulmonary & Critical Care Medicine. RT Zamanian, MD, S Sasse, MD.

- Nov 1999-2002 **A Simple Method for Continuous Measurement of Resistance in Mechanically ventilated patients.** UCIMC Division of Pulmonary & Critical Care Medicine. RM Klein, M.D., RT Zamanian, M.D., & AF Wilson, M.D., Ph.D. Abstract Presentation at ACCP Chest 2000
- Aug 2000-2002 **The Effect of Bronchodilator Therapy on Expiratory Airway Resistances of Mechanically Ventilated Adult Patients as Measured by the Continuous Method.** UCIMC Division of Pulmonary & Critical Care Medicine. RM Klein, M.D., RT Zamanian, M.D., Sara Hooks, M.S., & AF Wilson, M.D., Ph.D.
- June 2000 **Bronchoalveolar Cell Carcinoma Presenting with Pulmonary Infiltrates and Eosinophilia.** UCIMC Division of Pulmonary & Critical Care Medicine. RT Zamanian, M.D., T Vovan, M.D. Case Presentation at ACCP Chest 2000.
- May 2001 **Lung Volume correction needed for Continuous Measurement of Resistance in Mechanically ventilated patients.** UCIMC Division of Pulmonary & Critical Care Medicine. RM Klein, M.D., RT Zamanian, M.D., & AF Wilson, M.D., Ph.D. Abstract Presentation at ATS 2001
- Feb 2001 **The Effect of Bronchodilator Therapy on Expiratory Airway Resistances of Mechanically Ventilated Adult Patients as Measured by The Continuous Method.** UCIMC Division of Pulmonary & Critical Care Medicine. RM Klein, M.D., RT Zamanian, M.D., Sara Hooks, M.S., & AF Wilson, M.D., Ph.D. Research Presentation at WRMRF.
- Sept 1998-99 **A Workforce Study of Emergency Medicine Physicians: Burn-out rate in the emergency department.** Univ. of California, Irvine College of Medicine. Department of Emergency Medicine. A. Kazzi, M.D.
- Sept 1998-99 **Toxicity of Local Anesthetics in the Emergency Department.** Univ. of California, Irvine College of Medicine. Department of Emergency Medicine. B. Ginther, M.D.
- July 1998-99 **Is Computed Tomography indicated before Lumbar Puncture in patients with Meningitis?** Univ. of California, Irvine College of Medicine. Department of Emergency Medicine. J. Gorchynski, M.D. & R. Holguin, M.D.
- Jan 1998-99 **A Diagnostic approach to Acute Low Back Pain.** Univ. of California, Irvine College of Medicine. Department of Family Medicine. M. Prislin, M.D.
- Aug 1991-1995 **Neural Crest Migration, Differentiation, and Regeneration in the Normal and Neural Tube Ablated Animal Models.** Univ. of California, Irvine. Department of Developmental and Cellular Biology. Marianne Bronner-Fraser, Ph.D.
- 1992 & 1993 **Genetic sequencing and molecular characterization of developmental milestones in Drosophila.** Howard Hughes Summer Fellowship. Harvard School of Medicine, Department of Genetics. Norbert Perrimon, Ph.D.
- June-Aug 1991 **The role of Retinoic Acid in Oligodendrocyte Differentiation in The Chick Embryo.** Case Western Reserve School of Medicine, Department of Neurobiology. Robert Miller, Ph.D.

Jan 1990-1992

Electrophysiology and Morphology of the Notoplana Nervous System. Univ. of California, Irvine. Department of Psychobiology. Harold Koopowitz, Ph.D.

PUBLICATIONS

Management Strategies for Patients with Pulmonary Arterial Hypertension in the Intensive Care Unit: A Review of the Literature and Stanford Experience. Roham T Zamanian, M.D., Ann Weinacker, M.D., Ramona Doyle, M.D. (Publication Pending)

Anomalous Pulmonary Vein - An Exercise in Investigation of Appropriate Line Placement in the ICU. Roham T Zamanian, M.D., Micheal Krutzik, M.D., James H. Williams, M.D. (Publication Pending)

A Case of Bronchoalveolar Cell Carcinoma Presenting with Pulmonary Infiltrates and Eosinophilia. Roham T Zamanian, M.D., Julie K Olsson, M.S., Thomas Vovan, M.D. (Publication Pending)

Current Clinical Strategies: Manual of Critical Care Medicine. 2002-2003 Edition. CCS Publishings. Brenner, Safani, Heal, Mazdisnian, Klein, Zamanian, Gallacher, Poggemeyer, Foster, Daneschvar, Krutzik, & Wilson.

Toxicity of Local Anesthetics in the Emergency Department. Ginther, B, M.D, Zamanian, R. emedicine (Emergency Medicine) Online. (10/98). www.emedicine.com

Laser Treatment of Recurrent Vulvar Angiokeratoma Associated With Fabry's Disease. David Ahdoot, M.D, Roham T. Zamanian, M.D., Philip J. DiSaia, M.D., Scott McMeekin, M.D., G. Scott Rose, M.D. *American Journal of Obstetrics and Gynecology.* (Publication Pending)

Nosocomial Infections in the Intensive Care Unit. Roham T. Zamanian, M.S. *Respiratory Therapy International*, Vol 5 (1), 87-89. 1996.

Double Lung Transplantation in Cystic Fibrosis Patients. Roham T. Zamanian, M.S. *Respiratory Therapy International*, Vol 5 (1), 39-40. 1996.

Regulative Response of the Cranial Neural Tube after Neural Fold Ablation: Spatiotemporal Nature of Neural Crest Regeneration and up-regulation of *Slug*. John Sechrist, M. Angela Nieto, Roham T. Zamanian, and Marianne Bronner-Fraser. *Development* 121, 4103-4115 (1995).

In Vitro and in Vivo Analysis of Chemoattraction between Hindbrain Neural Crest and Otic Vesicles in Chick Embryos. Roham T. Zamanian. *Journal of Undergraduate Research in the Biological Sciences.* Volume 24, 61-70. (1994).

ACTIVITIES

Leadership:

- Class of 2002 Representative, UCIMC Dept of Internal Medicine.
- Co-Founder of Webtricity-NIKA Homepage Design Company (1997-98).

- Student Government Class Co-President. UCI College of Medicine (1995-6).
- Campuswide Honors Program Peer Mentor (1990-1994).
- Campuswide Honors Program Student Involvement League – Class Representative (1992-1994).
- High School Outreach Program – Founder and Coordinator (1994).

Service to Class:

- UCI Dept of Internal Medicine Class Video director & editor (2000-2002).
- Web Page Designer and Webmaster for the Class of 1999 Homepage.
- UCI College of Medicine Class photographer & yearbook staff (1998).
- Member of Emergency Medicine Interest Group (1996-99).
- Active Member in CMA & AMA.
- Campuswide Honors Program Retreat Coordinator (1993).

Service to Community:

- Volunteer Physical Examinations for Junior Football League – 300+ physical exams (1998).
- Collegiate Volunteer – Western Medical Center (1989-1991).

Extracurricular:

- Black and White Photography (1990-present) – Publication in Best of Photography Annual 1997, *Photographer's Forum Journal* (1997).
- UCI Intramural Soccer League (1995-2000).
- Tennis, Skiing, HTML Programming.

EMPLOYMENT

- The Berkeley Review Biology Teacher for MCAT preparation (1996), and Tutor (1995).
- Freelance Medical Writer for Respiratory Therapy International Journal (1996).
- Research Assistant. Department of Developmental and Cellular Biology, Univ. California, Irvine. Marianne Bronner-Fraser, PhD. (1994-1996).
- Kindred Hospital Westminster, Night Physician (2002-2003)
- Kindred Hospital Brea, Night Physician (2002-2003)
- Veterans Affairs Medical Center, Long Beach. Night Cross-Cover Physician (2001-2003).

LANGUAGES

Farsi