

CURRICULUM VITAE

ADAM D. STEIN, M.D.

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EDUCATION: M.D., Duke University School of Medicine
Durham, North Carolina
August, 1986-May, 1990

B.A., University of Pennsylvania
Philadelphia, Pennsylvania
Major: Biology
September, 1982-May, 1986

TRAINING: Fellowship in Facial Plastic and Reconstructive Surgery
Devinder S. Mangat, M.D., F.A.C.S.
Cincinnati, Ohio
July, 1996 -June,1997

Residency in Otolaryngology-Head & Neck Surgery
University of California
San Diego, California
July, 1991-June, 1996

General Surgery Internship
University of California
San Diego, California
July, 1990 -June, 1991

CURRENT POSITION:

Owner, Stein Plastic Surgery, PLLC

STATE LICENSES:

NORTH CAROLINA: 1997- present #32324

DEA REGISTRATION CERTIFICATE NUMBER:

BS3287972

HONORS AND AWARDS:

MEDICAL SCHOOL: Merit Scholarship, runner-up

UNDERGRADUATE: Dean's List, 1982-1984
Magna Cum Laude

AMERICAN BOARD OF OTOLARYNGOLOGY EXAM:

Part I (Fall, 1996) - PASSED
Part II (Spring, 1997) – PASSED

AMERICAN BOARD OF OTOLARYNGOLOGY BOARD CERTIFICATION:

4/28/97 #4879

AMERICAN BOARD OF FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY EXAM:

Spring, 1997 – PASSED

AMERICAN BOARD OF FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY BOARD CERTIFICATION:

June, 1999

AMERICAN ACADEMY OF FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY:

Member

AMERICAN ACADEMY OF OTOLARYNGOLOGY / HEAD AND NECK SURGERY:

Fellow

RESEARCH EXPERIENCE:

July, 1992 to June 1996 Auditory Research Lab
Division of Otolaryngology-Head & Neck Surgery
University of California, San Diego
Preceptors: Allen F. Ryan, Ph.D. and
Jeffrey P. Harris, M.D., Ph.D.

A technique was developed using polymerase chain reaction to non-specifically amplify minute quantities of DNA harvested from very small tissue samples. The technique is reusable and provides for a virtually unlimited source of cDNAs from inner ear tissues such as the organ of Corti, the stria vascularis and the spiral ganglion. This helped to overcome one of the most important limiting factors on inner ear gene research in our lab.

September, 1988 to 1990 Atherosclerosis Research Lab,
Duke University Medical Center,
Preceptor: Per-Otto Hagen, Ph.D.

Microsurgical techniques were learned, including microvascular re-anastomosis, while studying the development of intimal hyperplasia and altered vasomotor function in experimental vein bypass grafts and in de-endothelialized rabbit aortas.

Summers, 1980, 1981,
1982, 1983 Neurosurgery Department,
Mount Sinai Medical Center, New York,
Preceptor: Rosario Zappulla, M.D.

I examined the abnormalities of Brainstem Auditory Evoked Responses (BAER) in patients with acoustic neuromas and developed a computer program using animated graphics to generate BAER wave patterns on a computer screen.

The effects of disrupting the blood brain barrier in rodents were explored to help develop chemotherapeutic approaches for the treatment of human CNS malignancies.

Summer, 1984: Swans Island Marine Ecology Station,
University of Pennsylvania,
Preceptor: Hans Borei, Ph.D.

I designed a study to assess the defense responses of Lacuna vincta, a cold water snail, to waterborne chemicals emanating from its predators, the seastars Asterias vulgaris and Asterias forbesi.

BIBLIOGRAPHY:

1. Stein, A. D., Mangat, D. S.: Laser Assisted Endoscopic Forehead Lift: A Modification of Established Techniques. Abstract to be presented at the fall meeting of the American Academy of Facial Plastic and Reconstructive Surgery (September, 1997)
2. Stein, A. D., Mangat, D. S.: Comparing Endoscopic Forehead Lifts to Conventional Techniques. Abstract to be presented at the Seventh International Symposium of the American Academy of Facial Plastic and Reconstructive Surgery (June, 1998)
3. Stein, A. D., Hepler, K., Dewan, D., Housely, G. D., Ryan, A. F.: Production of Amplified cDNAs from the Organ of Corti, Stria Vascularis and Spiral Ganglion of the Rat. Abstract presented at The Midwinter meeting of The Association for Research in Otolaryngology (February, 1994).
4. Stein, A. D., Ryan, A. F.: A simple reusable method for non-specific amplification of cDNAs from small tissue samples. Abstract submitted to San Diego Academy of Otolaryngology (May, 1993).
5. Stein, A. D., Ryan, A. F.: A simple reusable method for non-specific amplification of cDNAs from small tissue samples. Manuscript in preparation.
6. Stein, A. D., Ryan, A. F.: Characterization of Glutamate Receptors in the Spiral Ganglion of the Rat using the Polymerase Chain Reaction. Manuscript in preparation.
7. Stein, A. D., Radic, J. S., O'Donohoe, M. K., Hagen, P-O.: Quantitation of Intimal Hyperplasia: Should Experimental Vein Grafts Be Perfusion Fixed? *Arteriosclerosis* 1989; 9(5):764a, Abstract.
8. Stein, A. D., Radic, J. S., O'Donohoe, M. K., Hagen, P-O.: Quantitation of Intimal Hyperplasia: Should Experimental Vein Grafts Be Perfusion Fixed? Abstract presented at The International College of Angiology (June, 1990).
9. Stein, A. D., Hagen, P-O.: A Comparison of Different Fixation Methods in the Study of Vein Graft Intimal Hyperplasia. Presented at the Medical Student AOA Symposium, 1989, Duke University Medical Center, Durham, North Carolina.
10. Stein, A. D., Radic, J. S., O'Donohoe, M. K., Hagen, P-O.: A Free Radical Scavenger Preserves the Production of Endothelium Derived Relaxing Factor in Experimental Vein Grafts. In preparation.

11. Radic, J. S., O'Donohoe, M. K., Schwartz, L. B., Stein, A. D., McCann, R. L., Hagen, P-O.: Alterations in Serotonergic Receptor Expression in Experimental Vein Grafts. *Journal of Vascular Surgery*, July, 1991; 14(1):40-7.
12. Radic, J. S., Stein, A. D., O'Donohoe, M. K., McCann, R. L., Hagen, P-O.: Serotonergic Receptor Mediated Contractions in Experimental Vein Grafts. *Circulation* 1989; 80(4) Supplement II 447, Abstract.
13. Radic, J. S., O'Donohoe, M. K., Stein, A. D., McCann, R. L., Hagen, P-O.: Verapamil Reduces DNA Synthesis in De-endothelialized Rabbit Aorta. *Arteriosclerosis* 1989; 9(5):758a, Abstract.
14. Radic, J. S., O'Donohoe, M. K., Stein, A. D., McCann, R. L., Hagen, P-O.: Verapamil Reduces DNA Synthesis in De-endothelialized Rabbit Aorta. Abstract presented at The International College of Angiology (June, 1990)
15. O'Donohoe, M. K., Radic, J. S., Stein, A. D., McCann, R. L., Hagen, P-O.: Increased Sensitivity to Angiotensin II in Experimental Vein Grafts. *Arteriosclerosis* 1989; 9(5):756a, Abstract.
16. O'Donohoe, M. K., Radic, J. S., Stein, A. D., Schwartz, L. B., McCann, R. L., Hagen, P-O.: Loss of Tachyphylaxis and Increased Sensitivity to Angiotensin II in Experimental Vein Grafts. Abstract presented at The International College of Angiology (June, 1990).