

Thomas J Hopkins PhD M.D.

Curriculum Vitae

Name: Thomas John Hopkins

Education: 1973 BS Molecular Cellular and Developmental Biology [MCDB]
University of Colorado
Boulder, Colorado

1979 PhD Department Microbiology School of Medicine
State University of New York Stony Brook
Stony Brook, New York
Thesis: SV40 A-Protein replication And Transcription Functions.
Advisor: Peter Tegtmeyer M.D.

1984 M.D. Rush Medical College
Chicago, Illinois

Research / Teaching Positions:

1971-1973 Teaching Assistant Biology and Developmental Embryology [MCDB]
University of Colorado
Boulder, Colorado

1972-1973 Independent Research: [MCDB]
Advisor: K.R. Porter PhD [Nobel Prize elect 1973]
K. Schlesinger PhD

1974-1975 Instructor: Medical Biochemistry
School of Medicine
State University of New York Stony Brook
Stony Brook, New York

1976-1978 Instructor: Medical Virology
School of Medicine
State University of New York Stony Brook
Stony Brook, New York

1979 Research Fellow: Department of Surgery
Children's Hospital
Boston, Massachusetts
Advisor: J. Folkman M.D.
[Position declined to pursue M.D. degree]

1979 Research Fellow: Department Microbiology
University San Francisco Hospital and Clinics
San Francisco California
Advisor: M. Bishop M.D. [Noble Laureate]
[Position declined to pursue M.D. degree]

1980 Research Associate: Department of Pathology
Rush Presbyterian St. Luke's Medical Center
Chicago, Illinois

Thomas J Hopkins PhD M.D.

Curriculum Vitae

- 1983 Research Associate: Department of Orthopaedic Surgery
Rush Presbyterian St. Luke's Medical Center
Chicago, Illinois
- 1990 Harvard School of Medicine
Clinical Associated
Boston, Massachusetts
- 1992 UCLA-Veterans Administration
Attending Surgeon / Clinical Instructor
Los Angeles, California

Residency Education:

- 1984-1985 Department of General Surgery
Northwestern Hospital's
Chicago, Illinois
- 1985-1988 University of North Carolina Chapel Hill
Department of Orthopaedic Surgery
Chapel Hill, North Carolina
- 1988-1990 Ohio State University
Department of Orthopaedic Surgery
Columbus, Ohio
- 1990-1991 Harvard
Beth Israel Hospital
Department Of Orthopaedic Surgery
Daniel E. Hogan Spine Fellow
Boston, Massachusetts
Advisor: A.A. White M.D., D. Med. Sci.

Certification:

- 1985 Diplomat National Board of Medical Examiner's
- 1987 Advanced Cardiac Life Support
- 1988 Advanced Trauma Life-Support
- 1989 Luque Segmental Spine Instrumentation
- 1994 Thoroscopy
- 1994 Diplomat American Board of Orthopaedic Surgery
- 2013 MAST Certification

Thomas J Hopkins PhD M.D.

Curriculum Vitae

State Boards Certification:

Current California Medical Board

Societies:

1974-1984 American Society of Microbiology
1990-Current Robert M Zollinger Surgical Society
1997-Current North American Spine Society
2022-Current International Society for the Advancement of Spine

Honors:

1974-1975 New York State Pre-Doctoral Fellowship
1975 Cell Culture Fellowship
Cold Spring Harbor Laboratories
Cold Spring Harbor, New York
1978 National Institutes of Health Workshop: Pathobiology of Cancer
1975-1979 National Institutes of Health, Viral Oncology Pre-Doctoral Fellowship
1979 PhD, Summa Cum Laude
1989 Mallory-Coleman Research Society Award
1990 Robert M Zollinger Surgical Society Award
1990-1991 Harvard: Daniel E Hogan Spine Fellowship
1993-1996 Surgeon NFL - Los Angeles / Oakland Raiders

Publications:

Lee, Y., Hopkins, T.J., Wimmer, E., Lai, M.M.C., Fingerprinting of Rous Sarcoma Virus 35S RNA and of Poliovirus RNA by a Novel Two-Dimensional Gel Electrophoresis System, American Society for Microbiology, Abstracts, 1975,S2: 214.

Tegtmeyer, P., Russel, F., Hopkins, T.J, Complexes of SV40 Early Proteins, Fogarty International Symposium on Popovaviruses and Their Role in Cell Transformation and Oncogenesis, NIH, 1978.

Kimura, J.H., Hopkins, T.J., Kuttner, K.E., E f f e c t of Detergent on the Stability of Proteoglycan Aggregates, Orthopaedic Research Society, 1983.

Hopkins, T.H., Dahners, L.E., Quantitative Changes in Ligamentous Actin with Ligamentous Contracture, Orthopaedic Research Society, 1987

Hopkins, T.J., Raducan, V., Sioutos, N., White, A.A., III, Lumbar Lymphoma Presenting as

Thomas J Hopkins PhD M.D.

Curriculum Vitae

Psoas Abscess / Epidural Mass with Acute Cauda Equina Syndrome: A Case Report, *Spine*, 18,774-778, 1993.

Hopkins, T.J., White, A.A., III, Rehabilitation of Athletes Following Spine Injury, *Clinics in Sports Medicine*, 12:603-619.

Law, M.D., Bernhardt, M., Hopkins, T.J., Kleefield, J., White, A.A., III, Deterioration of Outcome After Two Years in Patients Treated with and without Pedicle Screw Instrumentation, *North American Spine Society*, 37, 1993.

Law, M.D., Bernhardt, M., Hopkins, T.J., Kleefield, J., White, A.A., III, Pedicle Screw Instrumentation, an Outcome Study, *AAOS* 1994.

Law, M.D., Bernhardt, M., Hopkins, T.J., Kleefield, J., White, A.A., III, Deterioration of Long-term Outcome In Patients Treated with in Situ Posterolateral Lumbar Spine Fusion with and without Pedicle Screw Instrumentation, *Spine* 1995.

Law, M.D., Bernhardt, M., Hopkins, T.J., Kleefield, J., White, A.A., III, Lumbar Flexion / Extension Instability as a Predictor of Failure of Posterolateral Lumbar Spine Fusion, Manuscript Submitted for Publication, *Spine Magazine* 1996.

Hopkins, T.J., White, A.A., III, Panjabi, M,M, Clinical Biomechanics of Cervical Spine Pain, *Spine* 1997.

Lanman, T.H., Hopkins, T.J., Lumbar Interbody Fusion After Treatment with Recombinant Human Bone Morphogenic Protein-2, *Neurosurgery Focus* 16 (3) 2004.

Lanman, T.H., Hopkins, T.J., Early Findings in a Pilot Study of Anterior Cervical Interbody Fusion In Which Recombinant Human Bone Morphogenic Protein-2 Was Used With Bioabsorbable Implants, *Neurosurgery Focus*, 16, 2004.