

## **ABBREVIATED CURRICULUM VITAE**

***MICHAEL D. LAGIOS, M.D.***

### **The Breast Cancer Consultation Service**

P. O. Box 950  
Tiburon, California 94920

**(415) 789-0965. Fax (415) 435-2293**

#### **Date/Place of Birth**

June 25, 1938. San Francisco, California

#### **Education**

University of California, Berkeley. Major in Zoology. B.A. 1956-1960

University of California, School of Medicine, San Francisco, California.  
M.D. 1961-1965.

University of California, Los Angeles. Department of Pathology. Internship.  
1965-1966.

University of California, San Francisco, Department of Pathology. Residency.  
1966-1970.

#### **Specialty Certification**

Anatomic and Clinical Pathology, 11/7/70. American Board of Pathology,  
San Francisco, California.

#### **Professional Societies**

American Society of Clinical Pathologists.

American Society of Breast Disease: (Secretary/Treasurer, 1996; President, 1997-1999; Board of  
Directors, 1995 – 2004)

American Society of Integrative Biologists

#### **Military Service**

Major, U.S. Army Medical Corps. 6/25/70 - 6/24/72

Armed Forces Institute of Pathology. Washington, D. C. Genitourinary and Ichthyo-endocrine  
Pathology Branch. 2/1/71 - 1/6/72.

#### **Recent Appointments**

Medical Director. The Breast Cancer Consultation Service. Tiburon, California. 2001 - present.

St. Mary's Hospital and Medical Center. Director, Breast Services. 2001 - present.

St. Mary's Hospital and Medical Center. Medical Director, Breast Cancer Consultation Service.  
San Francisco, California. 1994 - 2001.

California Pacific Medical Center (formerly Children's Hospital of San Francisco), Staff  
Pathologist. 1972 - 1994.

California Pacific Medical Center, Pathologist to the Breast Health Center, 1988 - 1994.

## University Appointments

Assistant Clinical Professor of Pathology. University of California, San Francisco Medical Center. San Francisco, California 1975 - present.

Clinical Associate Professor of Pathology, Stanford University Medical Center, Stanford, California. 1991 - present.

## PATHOLOGY BIBLIOGRAPHY

### Original Papers:

Lagios MD. 1974. Hormonally enhanced proliferation of human breast cancer in organ culture. An *in vitro* system for assessment of specific hormonal response. *Oncology*, 29: 22-23.

Wee WS, Lagios MD & Leonards R. 1975. Wound infection by *Prototheca wickerhamii*, a saprophytic alga pathogenic for man. *J Clin Microbiol*, 2: 62-66.

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Lagios MD, Richards VE, Rose MR and Yee E. 1983. Segmental mastectomy without radiotherapy. Short term followup. *Cancer*, 52: 2173-2179.

Lagios MD, Westdahl PR, Rose MR and Stasko-Concannon S. 1984. Paget's disease of the nipple: Alternative management in cases without or with minimal extent of underlying breast carcinoma. *Cancer*, 54: 167-173.

Margolin FR and Lagios MD. 1986. Mammographic detection of early breast cancer - ten year's experience in a community hospital. *West J Med*, 144: 46-48.

Margolin FR and Lagios MD. 1987. Development of mammography and breast services in a community hospital. *Rad Clin of North America*, 25: 973-982.

Lagios MD, Margolin FR, Westdahl PR, Rose MR. 1989. Mammographically detected duct carcinoma in situ: Frequency of local recurrence following tylectomy and prognostic effect of nuclear grade on local recurrence. *Cancer*, 63: 618-624.

- Lagios MD. 1990. Duct Carcinoma in situ. Pathology and Treatment. Surgical Clinics of North America, 70 (4).
- Van Dongen JA, Holland R, Peterse JL, Fentiman IS, Lagios MD, Millis RR and Recht A. 1992. Ductal Carcinoma in situ of the Breast; Second EORTC Consensus Meeting. Eur J Cancer, 28: 626-629.
- Lagios MD. 1992. Pathologic Features Related to Local Recurrence Following Lumpectomy and Irradiation. In: Seminars in Surgical Oncology. Wiley-Liss, 8: 122-128.
- Lagios MD, and Page DL. 1993. Letter to the Editor: "Radiation Therapy for In Situ or Localized Breast Cancer". N Eng J Med., 329: 1577-1578.
- Lagios MD. 1993. Heterogeneity of ductal carcinoma in situ of the breast. J Cellular Biochemistry. Chemoprevention of Breast Cancer: Surrogate Endpoints and Agents in Short-Term Clinical Trials. Supplement 17 G, 49-52.
- Page DL and Lagios MD. 1994. Pathology and clinical evolution of ductal carcinoma in situ (DCIS) of the breast. Cancer Letters, 86: 1-4.
- Page DL and Lagios MD. 1995. Pathologic analysis of the National Surgical Adjuvant Breast Project (NSABP) B-17 Trial: Unanswered questions remaining unanswered considering current concepts of ductal carcinoma in situ. Cancer, 75: 1219-1222.
- Lagios MD. 1995. Ductal carcinoma in situ: Controversies in diagnosis, biology and treatment. The Breast Journal, 1: 68-78.
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- Lagios MD and Silverstein MJ. 1997. Ductal carcinoma in situ. The success of breast conservation therapy: A shared experience of two single institutional nonrandomized prospective studies. Surg Oncol Clinics of N Amer, 6: 385-392.
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- Lagios MD. 1998. Prognostic features of breast carcinoma from stereotactic biopsy material. Seminars in Breast Disease, 1: 101-111.
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- Silverstein MJ, Lagios MD, Groshien S, Waisman JR et al. 1999. The Influence of margin width on local control of ductal carcinoma in situ of the breast. New England J Med, 30: 1455-1461.
- Sneige N, Lagios MD, Schwarting R, Colburn W, et al. 1999. Interobserver reproducibility of the Lagios nuclear grading system for ductal carcinoma in situ. Human Pathol. 30: 257-262.
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- Macdonald HR, Silverstein MJ, Lee LA, Ye W, Sanghavi P, Holmes DR, Silberman H, Lagios M. 2006. Margin width as the sole determinant of local recurrence after breast conservation in patients with ductal carcinoma in situ of the breast. *Am J Surg*, 192: 420-422.
- Lee LA, Silverstein MJ, Chung CT, Macdonald H, Sanghavi P, Epstein M, Holmes DR, Silberman H, Ye W, Lagios MD. 2006. Breast cancer-specific mortality after invasive local recurrence in patients with ductal carcinoma in situ of the breast. *Am J Surg*, 192: 416-419.
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#### **Editorials and Letters:**

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- Lagios MD. 2000. Radial Scars: A spiculate problem. Editorial. *The Breast Jour.*, 6: 77.
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### Chapters:

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Lagios MD and Bennington JL. 1991. Protocol for the Pathologic Examination and Tissue Processing of the Mammographically Directed Breast Biopsy. *In: Pathology: State of the Art Reviews*. JL Bennington and MD Lagios, Editors. Hanley & Belfus. Philadelphia.

Bennington JL, Lagios MD, and Margolin FR. 1991. Impact of Mammographic Screening on the Size and the Relative Frequency of Invasion in a Community Hospital from 1975 - 1988. *In: Pathology: State of the Art Reviews*. JL Bennington and MD Lagios, Editors. Hanley & Belfus. Philadelphia.

Lagios MD. 1997. Pathologic procedures for mammographically detected ductal carcinoma in situ. *In: Duct Carcinoma In Situ Of The Breast*, ed: M Silverstein. Williams & Wilkins, Philadelphia. P. 189-194

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- Lagios MD. 2002. Practical pathology of duct carcinoma in situ: How to derive optimal data from the pathologic examination. *In: Ductal Carcinoma Of The Breast, 2<sup>nd</sup> edition.* Ed. M Silverstein. Williams & Wilkins, Philadelphia. P 207-221.
- Lagios MD. 2002. The Lagios Experience. *In: Ductal Carcinoma Of The Breast, 2<sup>nd</sup> edition.* Ed. M Silverstein. Williams & Wilkins, Philadelphia. P 303-307.
- Lagios MD. 2002. Der Einfluss der histopathologischen Gewebeaufbereitung auf das Ergebnis beim duktalem in-situ-Karzinom. *In: Diagnostik und Therapie des Mammakarzinoms, State Of The Art.* Ed. M. Untch, H. Sitttek, I. Bauerfeind, G. Konecny, M.Reiser, H. Hepp. Zuckschwerdt Verlag, Munchen. P. 149-155.
- Lagios MD. 2002. Tamoxifen chemoprevention for ductal carcinoma in situ: Magic bullet or misstep? *In: Ductal Carcinoma Of The Breast, 2<sup>nd</sup> edition.* Ed. M Silverstein. Williams & Wilkins, Philadelphia. P 508-514.
- Silverstein M and Lagios MD. 2002. Ductal carcinoma in situ with microinvasion. *In: Ductal Carcinoma Of The Breast, 2<sup>nd</sup> edition.* Ed. M Silverstein. Williams & Wilkins, Philadelphia. p 523-529.
- Silverstein MJ, Recht A and Lagios MD. 2002. Editors' Consensus. *In: Ductal Carcinoma Of The Breast, 2<sup>nd</sup> edition.* Ed. M Silverstein. Williams & Wilkins, Philadelphia. P 643-650.
- Lagios MD. 2005. Pathology of In situ Breast Cancer. *In: Breast Cancer, 2<sup>nd</sup> edition.* Ed. Daniel Roses. Churchill Livingstone, Philadelphia. p 85-97.
- Lagios MD. 2007. The Impact of Pathology Practice on Outcome in Ductal Carcinoma In Situ. *In: Diagnostic und Therapie des Mammakarzinoms - State of the Art, 2<sup>nd</sup> edition.* Ed. M. Untch. Zuckschwerdt Verlag, Munchen. In press.
- Silverstein MJ and Lagios MD. 2009. Ductal Carcinoma In Situ. *In: Breast Surgical Oncology.* Ed. Henry M Kuerer. McGraw-Hill. In press.
- Lagios MD. 2011. Duct Carcinoma In Situ, a Gordian Knot Untied. *In: Breast Surgery: Office Management and Surgical Technique.* Ed: F Dirbas and C Scott-Conner. Springer, New York. p 623-631.

## Reviews:

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- Lagios MD. 1999. Breast Diseases: A Year Book Quart, 10: 77. On: Bethwait P et al. Reproducibility of new classification schemes for the pathology of ductal carcinoma in situ of the breast. *J. Clin Pathol* 51: 450-454.
- Lagios MD. 2000. Breast Diseases: A Year Book Quart, 11: 157. On: Diaz LK et al. Are malignant cells displaced by large-gauge needle core biopsy of the breast? *Am J Roentgenol* 173: 1303-1313.
- Lagios MD. 2000. Breast Diseases: A Year Book Quart, 11: 163. On: Sharifi S et al. Assessment of pathologic prognostic factors in breast core needle biopsies. *Mod Pathol*, 12: 941-945.
- Lagios MD. 2001. Breast Diseases: A Year Book Quart, 12: 98. On: Liberman L et al. Imaging - histologic discordance at percutaneous breast biopsy: An indicator of missed cancer. *Cancer* 87: 2538-2546.
- Lagios MD. 2002. Breast Diseases: A Year Book Quart, 12: 407. On: Wahedna Y et al. Mammographic size of ductal carcinoma in situ does not predict the presence of an invasive focus. *Eur J Cancer* 27: 459-462.
- Lagios MD. 2002. Breast Disease: A Year Book Quart., 13: 239-240. On: Miller NA, Chapman JA, Fish EB et al. In situ duct carcinoma of the breast: Clinical and histopathologic factors and association with recurrent carcinoma. *Breast J*, 7: 292-302.

Lagios MD. 2003. Breast Disease: A Year Book Quart., 13: 353. On: de Mascarel I, MacGrogan G, Mathoulin-Pelissier et al. Breast ductal carcinoma in situ with microinvasion: A definition supported by a long-term study of 1248 serially sectioned ductal carcinomas. Cancer 94: 2134-2142.

Lagios MD. 2003. Oncology, 17: 1533-1538. On: Silverstein MJ. An argument against routine use of radiotherapy for ductal carcinoma in situ. Oncology, 17: 1511-1532.

### **Consensus Conferences:**

Consensus Committee. The European Organization for Research and Treatment of Cancer. Ductal Carcinoma In Situ Consensus Meeting. November, 1988. Amsterdam, The Netherlands.

Consensus Committee. The European Organization for Research and Treatment of Cancer. Ductal Carcinoma In Situ Consensus Meeting. September, 1991. Leuven, Belgium.

Consensus Committee. The European Organization for Research and Treatment of Cancer. Ductal Carcinoma In Situ Consensus Meeting. February, 1994. Venice, Italy.

Consensus Committee. Consensus Conference On The Classification of Ductal Carcinoma In Situ. April, 1997. Cancer, 80: 1789-1802.

Consensus Committee. The European Organization for Research and Treatment of Cancer. Ductal Carcinoma In Situ Consensus Meeting. January, 1998. Amsterdam, The Netherlands.

Consensus Committee. Schwartz G, Solin L, Olivotto, et al. Consensus Conference on the Treatment of In Situ Ductal Carcinoma of the Breast. 1999. Cancer 88: 946-954.

Consensus Committee. Image-Detected Breast Cancer: State of the Art Diagnosis and Treatment. 2001. J Am College Surg, 193: 297-302.

Consensus Committee. Proceedings of the Consensus Conference on the Role fo Sentinel Lymph Node Biopsy in Carcinoma of the Breast, April 19-22, 2002. Philadelphia. Cancer, 94: 2542-2551.

Consensus Committee. The European Organization fr Research and Treatment of Cancer. Ductal Carcinoma In Situ Consensus Meeting. May, 2002. Amsterdam, The Netherlands. In press.

International Consensus Conference II. Image-detected breast cancer: State of the art diagnosis and treatment. January, 2005. J Am College Surg. .

Silverstein MJ, Lagios MD, Recht A, et al. 2005. Image-Detected Breast Cancer: State of the Art Diagnosis and Treatment. J Am Coll Surg. 201: 586-597.

Silverstein MJ, Recht A, Lagios MD, et al. 2009. Image-Detected Breast Cancer: State of the art Diagnosis and Treatment. J Am Coll Surg. 209: 504-520.

### **Articles and Commentary (non-peer reviewed)**

Lagios MD and Silverstein MJ. 1997. Van Nuys Experience contradicts NSABP B-17 Findings. Oncology News International.

**Associate Editor:**

The Breast Journal. Blackwell Publishing. Malden, Massachusetts.  
Seminars in Breast Disease. W. B. Saunders, Company, Philadelphia

**Honors:**

Best Doctors of America. 1998- present. Online.

Best Doctors of America. 1992-1993 and 1994 - 1995 Editions. Woodward/White.

Best Doctors of America, Pacific Region. 1996 - 1997 Edition. Woodward/White.

Chairman, Breast Cancer Pathology Network. West Coast Cancer Foundation, San Francisco, California. 1976 - 1979.

Research Associate, Steinhart Aquarium, California Academy of Sciences. San Francisco, California. 1975 - 1981.

Recipient, Annual Teaching Award in Surgery. Children's Hospital of San Francisco (Awarded by UCSF Surgery Residents). 1977 and 1982.

Fellow, California Academy of Sciences. San Francisco, California. 1978 - present.