



Frank E. Stockdale

Maureen Lyles D'Ambrogio Professor in the School of Medicine, Emeritus
Medicine - Oncology

CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Cancer > Breast Cancer
- Breast Cancer - Medical Oncology
- Oncology
- Newly Diagnosed Breast Cancer
- Metastatic Breast Cancer
- Inflammatory Breast Cancer
- Locally Advanced Breast Cancer
- Chemotherapy, Adjuvant
- Ductal Carcinoma In Situ
- Phyllodes Tumor
- breast cancer

ACADEMIC APPOINTMENTS

- Professor Emeritus-Hourly, Medicine - Oncology
- Member, Cardiovascular Institute

HONORS AND AWARDS

- Elected, America's Top Doctors in Cancer (2005-2015)
- Elected, Best Doctors in America (2006-2016)
- ASCI, American Society for Clinic Investigation (1974)
- AAP, American Association of Physicians (1976)
- Fellow, AAAS Fellow (1999)

- Fellow, Guggenheim Foundation (1983)

PROFESSIONAL EDUCATION

- Medical Education: University of Pennsylvania School of Medicine (1963) PA
- Residency: Stanford University School of Medicine (1967) CA
- Internship: University Hospitals of Cleveland (1964) OH
- Fellowship, National Institutes of Health (1966)
- A.B., Yale University , Zoology (1958)
- Ph.D., University of Pennsylvania , Anatomy (1963)
- M.D., University of Pennsylvania , Medicine (1963)

LINKS

- http://med.stanford.edu/labs/frank_stockdale/: http://med.stanford.edu/labs/frank_stockdale/
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The focus of the research program are clinical trials in breast cancer. Clinical trials aim to investigate treatments for women with breast cancer who are newly diagnosed or have had a recurrence of breast cancer. Trials include participation in the national breast cancer study groups, ECOG and NSABP, as well as the development of new chemotherapy programs. Of particular interest are adjuvant therapy, treatment of metastatic disease, methods for treatment of locally advanced breast cancer and inflammatory breast cancer. Laboratory work has centered on the mechanisms of how cells acquire specific fates during growth and development, providing insights into normal and abnormal mechanisms of growth control.

CLINICAL TRIALS

- Management of Insomnia in Breast Cancer Patients: A Preliminary Pilot Study, Not Recruiting

Publications

PUBLICATIONS

- **Unraveling the evolutionary origin of the complex Nuclear Receptor Element (cNRE), a cis-regulatory module required for preferential expression in the atrial chamber.** *Communications biology*
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- **Farewell to Professor David Yaffe - A pillar of the myogenesis field.** *European journal of translational myology*
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- **Farewell to Professor David Yaffe - A pillar of the myogenesis field** *EUROPEAN JOURNAL OF TRANSLATIONAL MYOLOGY*
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2020; 30 (3)
- **Howard Holtzer - Developmental and cell biologist 1922-2014** *DEVELOPMENTAL BIOLOGY*
Stockdale, F. E., Sanger, J. W., Emerson, C. P.
2015; 401 (2): 185–87

- **Gene Expression, Cell Determination, and Differentiation** *PRINCIPLES OF TISSUE ENGINEERING, 4TH EDITION*
Stockdale, F. E.
edited by Lanza, R., Langer, R., Vacanti, J.
2014: 225–34
- **Single Cell Profiling of Circulating Tumor Cells: Transcriptional Heterogeneity and Diversity from Breast Cancer Cell Lines** *PLOS ONE*
Powell, A. A., Talasaz, A. H., Zhang, H., Coram, M. A., Reddy, A., Deng, G., Telli, M. L., Advani, R. H., Carlson, R. W., Mollick, J. A., Sheth, S., Kurian, A. W., Ford, et al
2012; 7 (5)
- **Stimulation of natural killer cells with a CD137-specific antibody enhances trastuzumab efficacy in xenotransplant models of breast cancer** *JOURNAL OF CLINICAL INVESTIGATION*
Kohrt, H. E., Houot, R., Weiskopf, K., Goldstein, M. J., Scheeren, F., Czerwinski, D., Colevas, A. D., Weng, W., Clarke, M. F., Carlson, R. W., Stockdale, F. E., Mollick, J. A., Chen, et al
2012; 122 (3): 1066-1075
- **Carbonylation of myosin heavy chains in rat heart during diabetes** *BIOCHEMICAL PHARMACOLOGY*
Shao, C., Rozanski, G. J., Nagai, R., Stockdale, F. E., Patel, K. P., Wang, M., Singh, J., Mayhan, W. G., Bidasee, K. R.
2010; 80 (2): 205-217
- **INCREASED CARBOXYLATION OF VENTRICULAR MYOSIN HEAVY CHAINS DURING DIABETES**
Bidasee, K. R., Rozanski, G. J., Nagai, R., Horiuchi, S., Stockdale, F., Patel, K., Shao, C.
FEDERATION AMER SOC EXP BIOL.2009
- **New models and online calculator for predicting non-sentinel lymph node status in sentinel lymph node positive breast cancer patients** *30th Annual San Antonio Breast Cancer Symposium*
Kohrt, H., Olshen, R., Bermas, H., GOODSON, W., Henry, S., Rouse, R., Bailey, L., Philben, V., Dirbas, F., Dunn, J., Johnson, D., Wapnir, I., Carlson, et al
SPRINGER.2008: 588–88
- **New models and online calculator for predicting non-sentinel lymph node status in sentinel lymph node positive breast cancer patients** *BMC CANCER*
Kohrt, H. E., Olshen, R. A., Bermas, H. R., Goodson, W. H., Wood, D. J., Henry, S., Rouse, R. V., Bailey, L., Philben, V. J., Dirbas, F. M., Dunn, J. J., Johnson, D. L., Wapnir, et al
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- **Gene Expression, Cell Determination, and Differentiation** *PRINCIPLES OF TISSUE ENGINEERING, 3RD EDITION*
Nikovits, W., Stockdale, F. E.
edited by Lanza, R., Langer, R., Vacanti, J.
2007: 129–34
- **Predicting non-sentinel lymph node involvement in breast cancer patients.** *42nd Annual Meeting of the American-Society-of-Clinical-Oncology*
Kohrt, H. E., Olshen, R. A., Goodson, W. H., Rouse, R. V., Bailey, L., Philben, V., Dirbas, F. M., Stockdale, F. E., Carlson, R. W., Jeffrey, S. S.
AMER SOC CLINICAL ONCOLOGY.2006: 10S–10S
- **Cost-effectiveness of screening BRCA1/2 mutation carriers with breast magnetic resonance imaging** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Plevritis, S. K., Kurian, A. W., Sigal, B. M., Daniel, B. L., Ikeda, D. M., Stockdale, F. E., Garber, A. M.
2006; 295 (20): 2374-2384
- **Cells of all somitic compartments are determined with respect to segmental identity** *DEVELOPMENTAL DYNAMICS*
Fomenou, M. D., Scaal, M., Stockdale, F. E., Christ, B., Huang, R. J.
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- **Phase I trial of uracil-ftorafur, leucovorin, and etoposide: an active all-oral regimen for metastatic breast cancer** *BREAST CANCER RESEARCH AND TREATMENT*
Hartman, A. R., Grekowicz, A., Lum, B. L., Carlson, R. W., Schurman, C., Sikic, B. I., Shapiro, R., Stockdale, F. E.
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Sacks, L. D., Cann, G. M., Nikovits, W., Conlon, S., Espinoza, N. R., Stockdale, F. E.

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- **Ventral axial organs regulate expression of myotomal Fgf-8 that influences rib development** *DEVELOPMENTAL BIOLOGY*
Huang, R. J., Stolte, D., Kurz, H., Ehehalt, F., Cann, G. M., Stockdale, F. E., Patel, K., Christ, B.
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Stockdale, F. E., Nikovits, W., Espinoza, N. R.
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- **Control of muscle size during embryonic, fetal, and adult life.** *Results and problems in cell differentiation*
Patel, K., Christ, B., Stockdale, F. E.
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- **Irx4 forms an inhibitory complex with the vitamin D and retinoic X receptors to regulate cardiac chamber-specific slow MyHC3 expression** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Wang, G. F., Nikovits, W., Bao, Z. Z., Stockdale, F. E.
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- **The role of cell lineage in establishing fast and slow muscle fiber distribution in developing skeletal muscle**
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Cann, G., Lee, J., Stockdale, F. E.
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Wang, G. F., Nikovits, W., Schleinitz, M., Stockdale, F. E.
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- **Isolation and characterization of an avian slow myosin heavy chain gene expressed during embryonic skeletal muscle fiber formation** *JOURNAL OF BIOLOGICAL CHEMISTRY*
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- **THE IMPORTANCE OF THE LUMPECTOMY SURGICAL MARGIN STATUS IN LONG-TERM RESULTS OF BREAST-CONSERVATION CANCER**
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- **DIFFERENCES IN THE DEVELOPMENTAL FATE OF CULTURED AND NONCULTURED MYOBLASTS WHEN TRANSPLANTED INTO EMBRYONIC LIMBS** *EXPERIMENTAL CELL RESEARCH*
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Stockdale, F. E.
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