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OXiGENE Announces Change to Board of Directors

SOUTH SAN FRANCISCO, CA -- March 15, 2010 -- OXiGENE, Inc. (Nasdaq:OXGN), a clinical-stage biopharmaceutical company developing novel therapeutics to treat cancer and eye diseases, today announced that Arthur B. Laffer, Ph.D , has resigned from the Company's Board of Directors to pursue other longstanding interests, effective immediately. Dr. Laffer has served on the OXiGENE Board of Directors since 1998 and had served as Chair of the Audit Committee, the Chair of the Compensation Committee and a member of the Nominating and Governance Committee.

William N. Shiebler, Chairman of OXiGENE Board of Directors, stated, "Over the past 12 years Art Laffer has made many significant contributions to OXiGENE and provided excellent counsel and support. The entire board and I thank him for his exceptional service and wish him all the best in his future endeavors."

About OXiGENE

OXiGENE is a clinical-stage biopharmaceutical company developing novel therapeutics to treat cancer and eye diseases. The Company's major focus is developing vascular disrupting agents (VDAs) that selectively disrupt abnormal blood vessels associated with solid tumor progression and visual impairment. OXiGENE is dedicated to leveraging its intellectual property and therapeutic development expertise to bring life-extending and life-enhancing medicines to patients.

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