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Federation of American Societies for Experimental Biology

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**FASEB RELEASES NEW BREAKTHROUGHS IN BIOSCIENCE ARTICLE
ENTITLED “LIFE’S BLOOD: ANGIOGENESIS IN HEALTH AND DISEASE”**

Bethesda, MD – The Federation of American Societies for Experimental Biology (FASEB) is pleased to announce the release of the publication, [“Life’s Blood: Angiogenesis in Health and Disease,”](#) the latest edition in the [Breakthroughs in Bioscience](#) series. This article describes the critical importance of angiogenesis in human health and disease, and highlights the exciting clinical breakthroughs that have grown out of this body of research.

Angiogenesis is the process of forming new blood vessels. For all human tissues, these vessels carry out the essential tasks of oxygen and nutrient delivery, and waste removal. Angiogenesis is a highly regulated process and its disruption can have profound health effects. Insufficient angiogenesis is associated with Alzheimer’s disease, hypertension, and atherosclerosis. By contrast, excessive angiogenesis is related to multiple sclerosis, asthma, arthritis, and cancer. Readers of “Life’s Blood” will learn how early studies of tadpole tails and bat wings provided the foundation of our understanding of angiogenesis and how these basic research discoveries have been translated in medical treatments for lung cancer, diabetes, and a long list of other diseases.

The *Breakthroughs in Bioscience* series is a collection of illustrated articles, published by FASEB, that explain recent developments in basic biomedical research and how they are important to society. To obtain a free copy of these publications, visit the *Breakthroughs in Bioscience* Web site (<http://www.faseb.org/break-throughs>) or contact FASEB’s Office of Public Affairs at (301) 634-7650.

FASEB is composed of 23 societies with more than 100,000 members, making it the largest coalition of biomedical research associations in the United States. FASEB enhances the ability of scientists and engineers to improve—through their research—the health, well-being, and productivity of all people. Our mission is to advance health and welfare by promoting progress and education in biological and biomedical sciences through service to our member societies and collaborative advocacy.