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**FASEB RELEASES NEW BREAKTHROUGHS IN BIOSCIENCE ARTICLE ENTITLED  
“SPYING ON CANCER WITH PET SCANS”**

Bethesda, MD - The Federation of American Societies for Experimental Biology (FASEB) is pleased to announce the release of the publication, [“Spying on Cancer with PET Scans,”](#) the latest edition in the [Breakthroughs in Bioscience](#) series. Also available as a downloadable [podcast](#), the article describes the development of positron emission tomography (PET) and highlights its importance in the fight against disease and illness.

PET provides physicians with the ability to peer inside the body non-invasively and has revolutionized modern medicine. With PET, physicians can not only look at the body’s internal structures but can see the metabolic signs of disease. This is all possible because of basic research in surprisingly diverse scientific areas ranging from studies examining the makeup of atoms and the fertilization of sea urchin eggs to those looking at bone replacement in the skeletons of rats. Readers of “Spying on Cancer” will learn how PET, in conjunction with other medical imaging techniques, gives physicians an unprecedented ability to spy on cancer and 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 newly redesigned FASEB *Breakthroughs in Bioscience* web site at <http://www.faseb.org/break-throughs> or contact FASEB’s Office of Public Affairs at 301.634.7335.

*FASEB is composed of 24 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.*