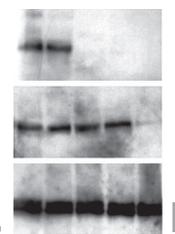


LESS
SAMPLE.



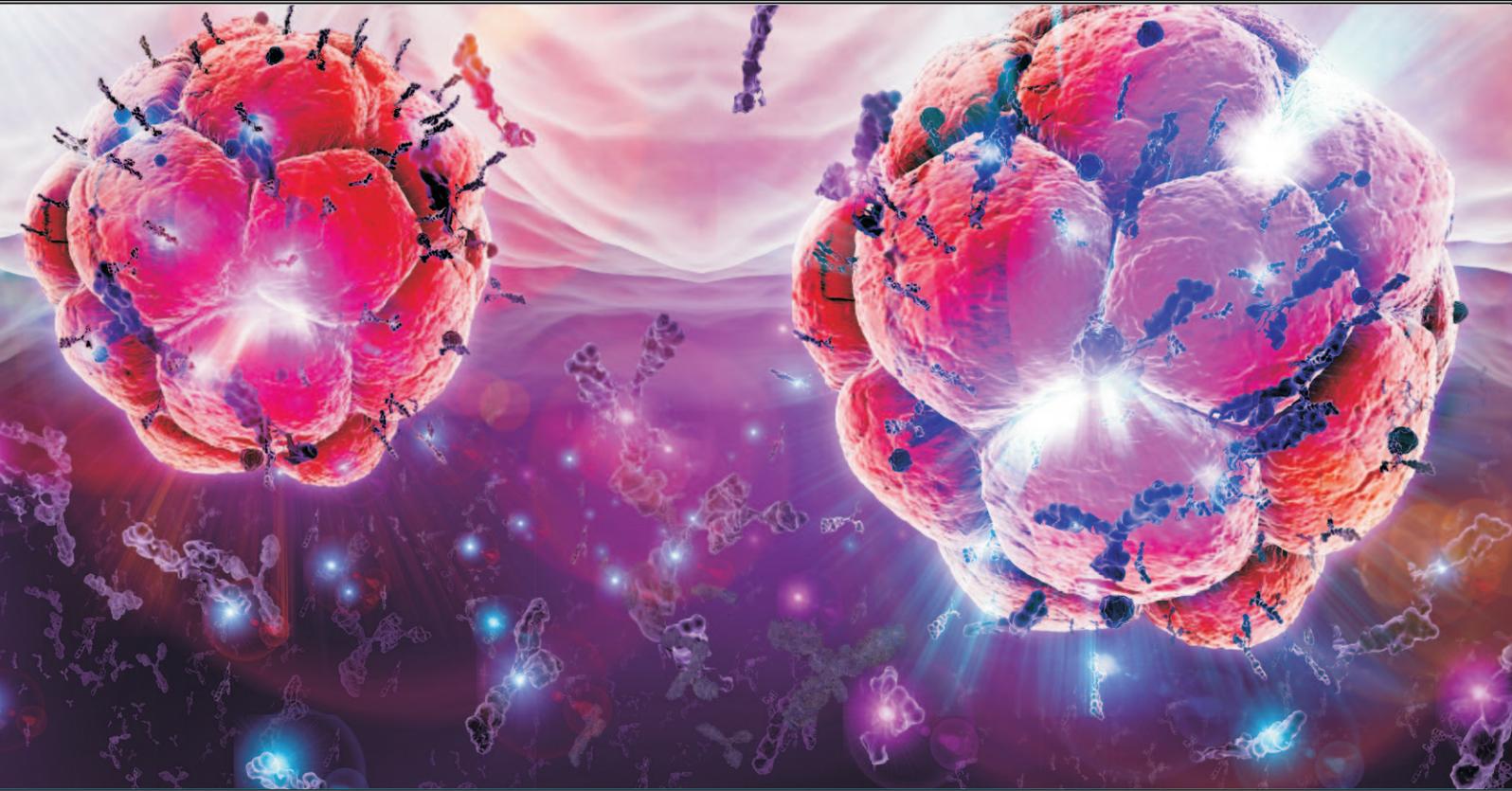
MORE
STORY.



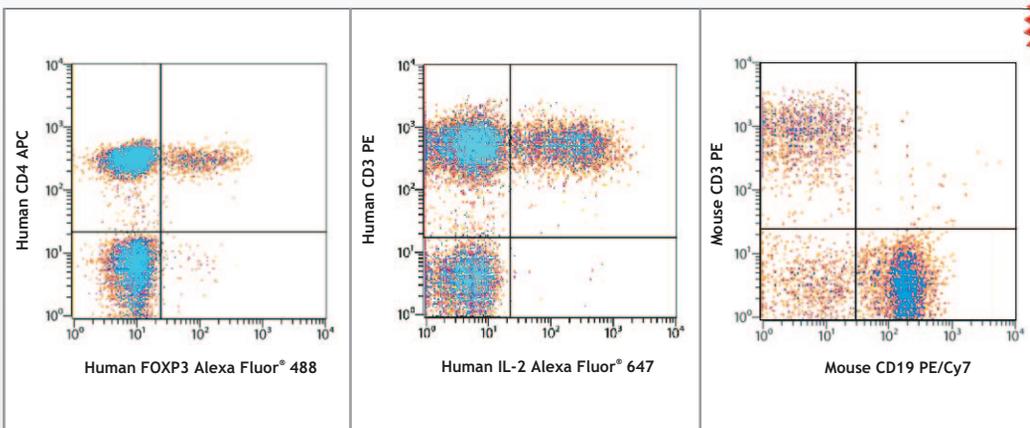
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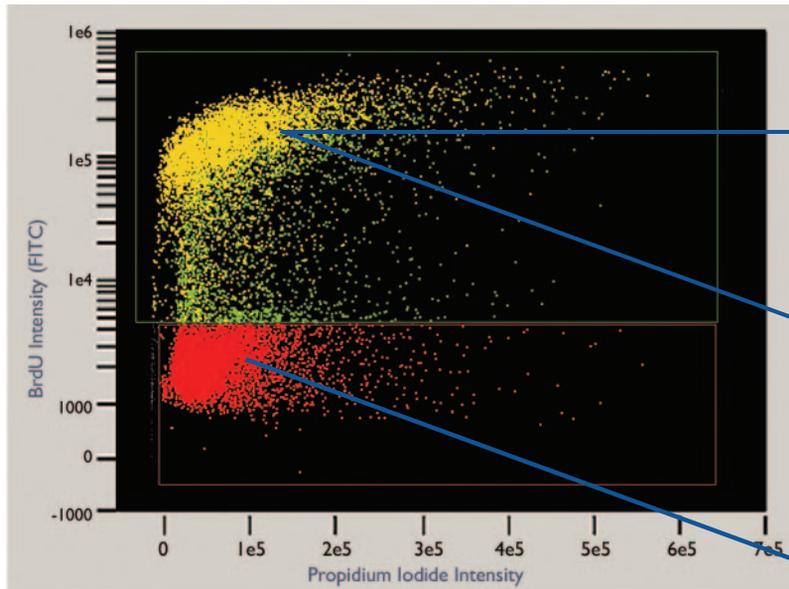
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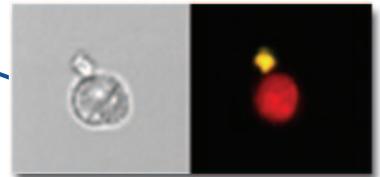
In flow cytometry, every dot tells a story ...



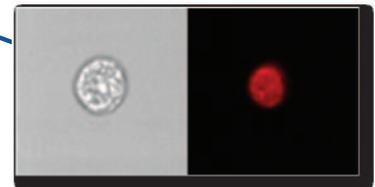
An apoptotic population was labeled with a commercial TUNEL assay kit (courtesy of Phoenix Flow Systems) and analyzed with the ImageStream system. Cells were stained with PI (red) to visualize the nuclei and with FITC-labeled anti-BrdU (yellow) to visualize DNA strand breaks that occur during apoptosis.



TUNEL positive: Apoptotic



TUNEL False positive: non-apoptotic

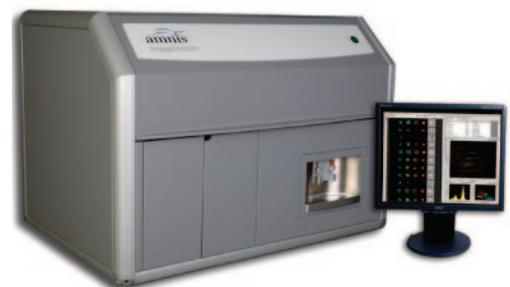


TUNEL Negative: non-apoptotic

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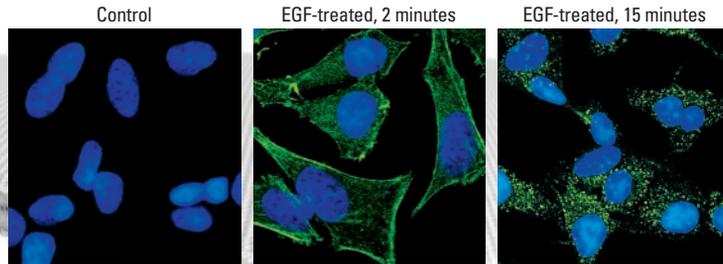
ImageStream. Think outside the dot.



Pathways In Human Cancer

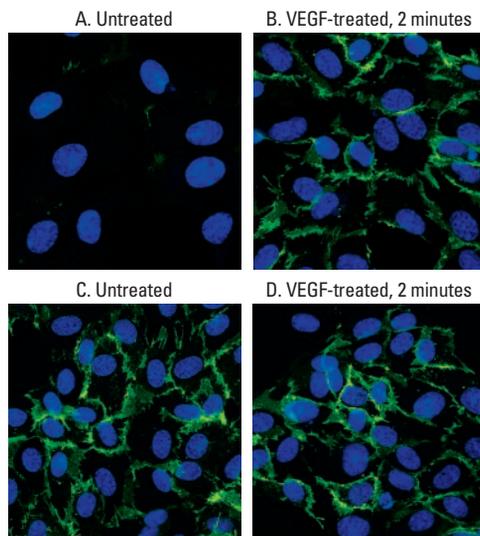
RTK Signaling Antibodies...from Cell Signaling Technology

Phospho-EGF Receptor (Tyr1068) (1H12) Mouse mAb #2236



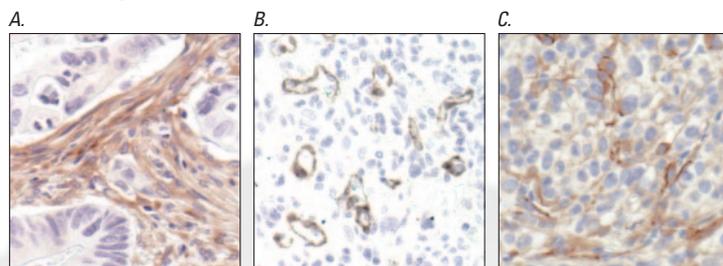
HeLa (cervical adenocarcinoma) cells treated with EGF for 0, 2 and 15 minutes, and labeled with #2236 (green). EGF treatment induces bright phospho-EGFR signal on the membrane within two minutes. After 15 minutes, phospho-EGFR signal appears to be localized to receptors internalized in endosomes. Blue = DRAQ5™ fluorescent DNA dye.

Phospho-VEGF Receptor 2 (19A10) Rabbit mAb #2478 VEGF Receptor 2 (55B11) Rabbit mAb #2479



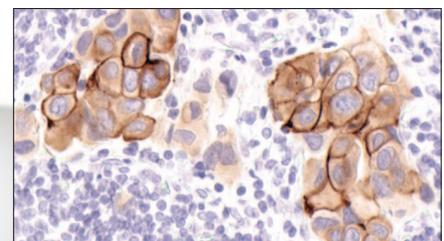
HUVEC cells untreated or VEGF-treated (2 minutes), labeled with #2478 (green, A, B) or #2479 (green, C, D). Blue = DRAQ5™ fluorescent DNA dye.

PDGF Receptor β (28E1) Rabbit mAb #3169

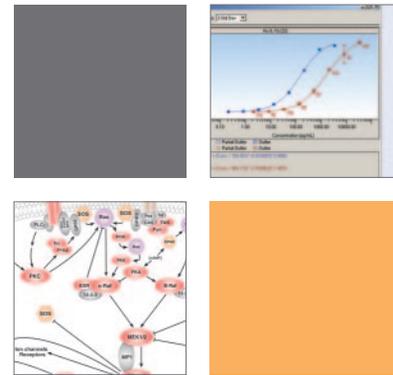


IHC analysis of paraffin-embedded human colon carcinoma (A), glioblastoma (B) and U-87MG xenograft (C), using #3169.

Phospho-HER2/ErbB2 (Tyr1221/1222) (6B12) Rabbit mAb #2243



IHC analysis of paraffin-embedded human breast carcinoma, showing membrane localization, using #2243.



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The Division of Pediatric Allergy and Immunology at the Johns Hopkins University School of Medicine is seeking to add three full-time faculty members at the assistant/associate professor level. We are seeking two MD or MD/PhD clinician scientists with a commitment to research, one with a clinical focus in allergy and the other in immunodeficiency. Both positions include substantial protected research time. In addition, we would like to add a PhD with expertise in laboratory based research in allergy or immunology.

Interested candidates should submit a CV and letter of interest to Robert Wood, MD, at rwood@jhmi.edu.

Division Chief, Allergy/Immunology

The Department of Pediatrics of the Alfred I. duPont Hospital for Children/Nemours Children's Clinic-Wilmington is seeking candidates for the position of Division Chief in Allergy/Immunology. The division currently consists of two full-time faculty and support staff and has an ACGME-accredited fellowship program. The position involves directing a division that is actively involved in development of Allergy/Immunology fellows, teaching Pediatric residents and medical students, and providing high-level clinical care. Faculty appointment is with Jefferson Medical College. There is currently an active research program, including a small laboratory. Candidates should be board-certified in Allergy and Immunology and have several years of experience involving clinical, educational, and academic activities. There is potential for considerable growth.

Employing over 400 pediatric physicians, subspecialists and surgeons, Nemours cared for approximately a quarter of a million children during nearly one million encounters in 2005, making Nemours one of the nation's largest children's health systems. There are Nemours locations in Delaware, Florida, New Jersey, and Pennsylvania.

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Forward your CV to: **J. Carlton Gartner, MD, Pediatrician in Chief, Nemours/Alfred I. duPont Hospital for Children, P.O. Box 269, Wilmington, DE 19899; Fax: 302-651-6851; E-mail: cgartner@Nemours.org, EOE**

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MICHIGAN STATE UNIVERSITY

Cardiovascular Scientist in Inflammation

Inflammation and the role of the immune system in cardiovascular function and disease has been identified as an area of need for the biological/medical sciences at Michigan State University. The Biomedical Departments of Michigan State University have jointly opened a search for immediate applications for a **tenure-track assistant professor position in the cardiovascular sciences**. This is one of four positions to be filled in cross-disciplinary aspects of inflammation and immunology. For the cardiovascular position, specific areas of interest include but are **not limited to**: inflammatory cell recruitment to the cardiovascular system, role of cytokines in cardiovascular function, role of the immune system in metabolic syndromes, relationship of oxidative state to immunological status, and cerebral vascular inflammation and stroke. A doctoral degree (PhD, DO, DVM or MD), and experience in a postdoctoral position are required.

The successful applicant will have the opportunity to join a biomedical department best-suited to their research, potential for collaboration, and ability to lead

cardiovascular inflammation research on the MSU campus. MSU cardiovascular research encompasses significant strength in different scientific areas and diseases that include hypertension, stroke, and obesity. Information on cardiovascular research at MSU, as well as current faculty and collaborations can be found at <http://cardiovascular.msu.edu>.

The applicant should submit a letter of application, curriculum vitae, statement of research goals, up to five relevant reprints and full contact information (address, e-mail and phone) for three personal references to: **Stephanie W. Watts, Ph.D., Cardiovascular Inflammation Committee Chairperson, Department of Pharmacology & Toxicology, B445 Life Sciences Building, Michigan State University, East Lansing, MI 48824-1317. Fax: (517) 353-8915; Tel: (517) 353-3724; E-mail: wattss@msu.edu.**

All application materials should be submitted electronically to wattss@msu.edu.

Applications should be received by **October 30, 2006**.

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**Department Of Health And Human Services
National Institutes of Health
National Institute of Neurological Disorders and Stroke**



**Tenured/Tenure-Track Position
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Division of Intramural Research**

The Division of Intramural Research of the National Institute of Neurological Disorders and Stroke is recruiting an individual for a tenured or tenure-track position in the area of Neuroimmunology. The applicant should have a special interest and experience in translational research relating to multiple sclerosis or other immune mediated disease of the central nervous system. The individual would direct an independent research program on molecular, biological or immunological aspects of immune mediated diseases of the nervous system and especially multiple sclerosis. The program would conduct its work in conjunction with the Neuroimmunology Branch (NIB) which was established to study the cause and treatment of immunological mediated diseases of the central nervous system. The individual should have a demonstrated background and knowledge in research focused on immune mediated disease of the nervous system and with expertise in the use of animal models or in human immunology. The candidate will have a Ph.D. and/or M.D. degree with excellent scientific skills in structuring an original and productive research program using outstanding communication and collaborative abilities. Candidates for a tenured position must have an international reputation and well-documented evidence of ongoing independent accomplishments. An individual selected for a tenure-track position is expected to build a dynamic and productive research group. Laboratory facilities, start-up and sustained research funds and salary will be competitive with premier academic institutions. Applicants should send curriculum vitae, bibliography, statement of research interests, and names of references to: Dr. Story Landis, Director, National Institute of Neurological Disorders and Stroke, c/o Peggy Rollins, Office of the Scientific Director, Division of Intramural Research, Building 35 Room GA908, NIH, Bethesda, MD 20892 (301-435-2232). Applications will be reviewed upon receipt.

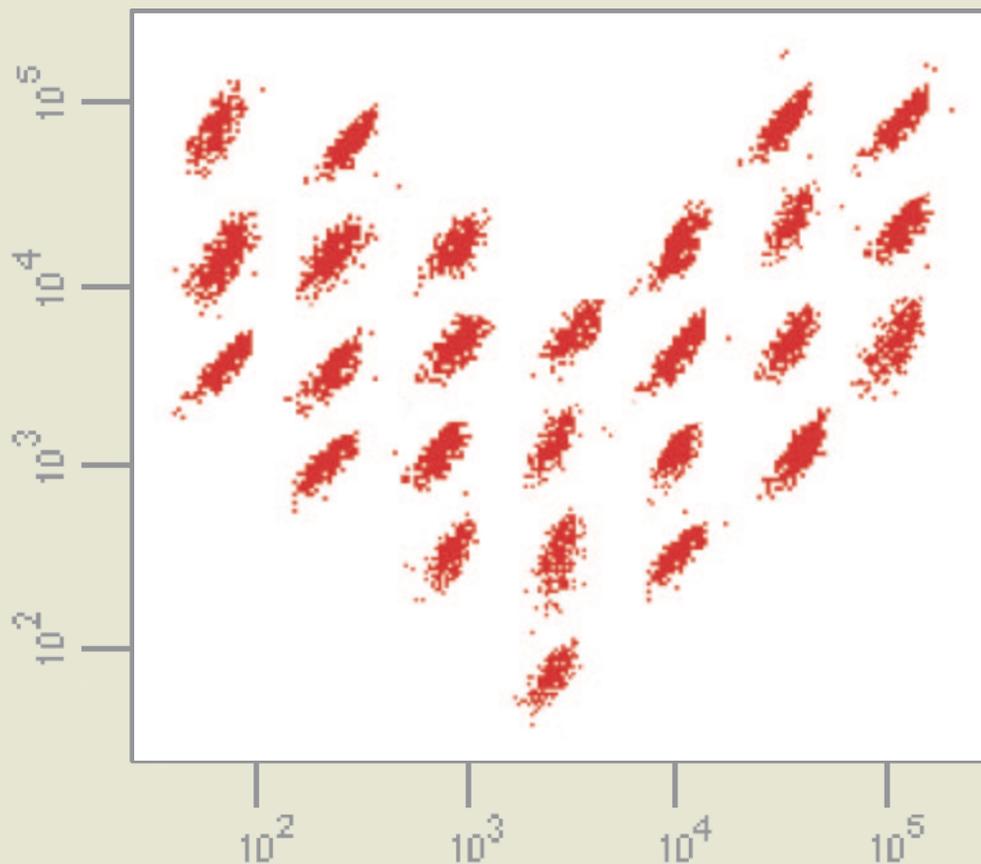


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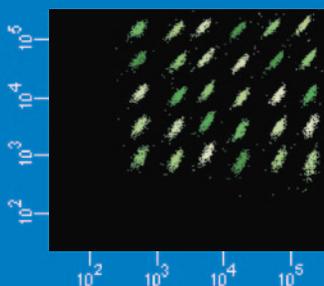
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