Connecting With Our Community: Using BibApp To Showcase Academic Health Center Faculty and Their Research

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Karen Cole, Director
Objective

How can we promote scholarly publishing and public access at KUMC?
Single collection point for research output

List of current publications

Highlight collaborations

Needs of research community

Self-identify by keyword/expertise

Feature scholarship beyond published literature
How We Did It

Develop pilot installation of BibApp

Demos across campus

Identify & meet with stakeholders

Recruit "champions" as pilot groups
Meet Our Experts

Find experts on campus... Promote their research... Archive their work

Works Groups People Publications Publishers

At Dykes Library, we ♥ our researchers.

Fabian
Smith
Dougherty
Tilzer
Sullivan

Grantham
Fontes
Al-Kasspooles
Andrews
Enders

Behbod
Neuberger
Jaeschke
Wan
Mayo

Works – Recent additions

Fine structural localization of Concanavalin A binding sites on hamster spermatozoa
Journal article
Kinsey, W. H., Koehler, J K
Journal of supramolecular structure (1976)
Find It@KUMC | Save

Cell surface changes associated with in vitro capacitation of hamster sperm
Journal article
Kinsey, W. H., Koehler, J K
Journal of ultrastructure research (1978)
Find It@KUMC | Save

The effect of the acrosome reaction on the respiratory activity and fertilizing capacity of echinoid sperm
Journal article
Kinsey, W. H., SeGall, G K, Lennarz, W J
Developmental biology (1979)
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Meet Our Experts

Find experts on campus... Promote their research... Archive their work

Jeanne Drisko

Groups
University of Kansas Cancer Center
Drug Discovery, Delivery & Development – Associate Member
School of Medicine
Obstetrics and Gynecology – Clinical Professor
Program in Integrative Medicine – Riordan Endowed Professor of Orthomolecular Medicine

Email
Research Focus
Integrative medicine; Nutritional medicine; Vitamin C; Ascorbic acid.

Works – recent additions
The use of antioxidants with first-line chemotherapy in two cases of ovarian cancer
Report
Drisko, Jeanne A. Chapman, Julia, Hunter, Verda J
Find It@KUMC | Save

Probiotics in health maintenance and disease prevention
Journal article
Drisko, Jeanne A, Giles, Cheryl K, Bischoff, Bette J
Find It@KUMC | Save

The use of antioxidant therapies during chemotherapy
Journal article
Drisko, Jeanne A, Chapman, Julia, Hunter, Verda J
Gynecologic oncology (2003)
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Co-authors at KUMC
Chapman

Types of Work

Popular research topics
Aged Antineoplastic Agents/administration & dosages/therapeutic use Antineoplastic Combined Chemotherapy Protocols/therapeutic use Antioxidants/administration & dosage/therapeutic use Antioxidants/therapeutic use Complementary Therapies/methods Fatal Outcome Middle Aged Neoclassico/drug therapy Ovarian Neoplasms/drug therapy
82 Results for: diabetes

People

Stehno-Bittel
Smirnova
Ellerbeck
Lai
Abrahamson
Mahnken
Shankar
Hamera
Sousa
Abdulkarim

Groups

School of Medicine (44)
University of Kansas Cancer Center (42)
Cancer Control & Population Health (18)
Risk Factors for Carcinogenesis (16)
Physical Therapy and Rehabilitation Science (14)
Preventive Medicine and Public Health (14)
School of Allied Health (14)
School of Nursing (11)
Anatomy and Cell Biology (10)
Biostatistics (6)

Reducing preventable medication safety events by recognizing renal risk.

Fields, W, Tedeschi, C, Foltz, J, Myers, T, Heaney, K, more...

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TYPES
- Articles
- Presentations
- Grants
- Reports
- Book chapters

RESEARCH OUTPUT

SOURCES
- Pubmed.gov
- CINAHL
- Faculty
- A.R. Dykes Library
Experts in a field

Collaborative relationships

EXPERTS.KUMC.EDU
People + Groups + Works

Schools, departments, labs, etc.
FindIt!@KUMC

FULL TEXT ACCESS

Archive your work
Institutional Repository
http://archie.kumc.edu
Irina V. Smirnova

Results (1)

A model-based time-reversal of left ventricular motion improves cardiac motion analysis using tagged MRI data

Journal article

Alrefae, Tareq, Smirnova, Irina V., Cook, Larry T., Bilgen, Mehmet

Biomedical engineering online (2008)

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## Citation

**Article Title:** A model-based time-reversal of left ventricular motion improves cardiac motion analysis using tagged MRI data  
**Author:** Alrefae, Tareq  
**Journal Title:** Biomedical engineering online  
**ISSN:** 1475-925X **Date:** 01/01/2008  
**Volume:** 7 **Page:** 15  

### 1. Get it Online

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Experts in a field

Collaborative relationships

EXPERTS.KUMC.EDU
People + Groups + Works

Schools, departments, labs, etc.
The Department of Anatomy and Cell Biology is one of the basic science departments at the University of Kansas Medical Center. Our goals are to:

1. develop and sustain prominent research programs in cell and developmental biology;
2. provide an outstanding training environment for graduate students and postdoctoral scientists; and
3. deliver a superb educational experience for medical students.

As a measure of our success, our research laboratories are funded by numerous grants from the National Institutes of Health, the American Heart Association, the Cystic Fibrosis Foundation and other agencies; many of our trainees go on to positions at prestigious educational or commercial institutions; and our department has been recognized by first year medical students as...
Robert M. Klein, PhD

Research Focus/Clinical Interests

Inflammation is a response to injury that allows the tissues and organs of the body to heal in an organized manner. That process of repair is orchestrated by small proteins, which function as intercellular signals, called cytokines. Cytokines may act in a beneficial way to augment cell survival and normal function or through detrimental mechanisms leading to programmed cell death (known as apoptosis). One class of cytokines is known as the chemokines. The name is derived from a contraction of chemoattractant and cytokine. Chemokines signal specific cells to migrate to the site of inflammation. In peripheral systems, the key cells that are attracted during inflammation are neutrophils and monocyte-derived macrophages. In the CNS, the response is almost entirely monocyte-derived with microglia, the macrophages of the brain, playing a critical role.

Recent Publications

All of these studies focus on microglia and cytokines/chemokines as well as their role in influencing normal neuronal function, differentiation, and aging.

Oestrogen increases nociception through ERK activation in the trigeminal ganglion: evidence for a peripheral mechanism of allodynia.
Journal article Liverman, C. S., Brown, J. W., Sandhir, R., Klein, R. M., McCarson, K., more...
Cephalalgia: an international journal of headache (2009) The mitogen-activated protein kinase, extracellular signal-regulated kinase (ERK), is activated in experimental models of chronic pain, and is also activated by oestrogen. We used an established...

Ghrelin is expressed in trigeminal neurons of female mice in phase with the estrous cycle.
Journal article Puri, Veena, Chandra, Syam, Puri, Sanjeev, Daniel, Carrie Gobar, Klein, Robert M., more...
Neuropeptides (2006) Several disorders mediated by the trigeminal nerve including migraine and temporomandibular disorder (TMD) are more common in women than in men, and painful attacks are often linked to the menstrual cycle. Estrogen receptors...

Altered expression of pro-inflammatory and developmental genes in the fetal brain in a mouse
Results/Conclusions
KUMC-wide implementation by September 2010
Collect research output - integrate into existing web pages
Public access conversations are easier (but more education is needed)
BibApp + Repository =

↑ awareness
usage of OA and grey lit
Interest in KU-wide Meet Our Experts
Opportunity for library to redefine services
Visit http://experts.kumc.edu

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