



### July 2011

#### Clinical Trials

Current [clinical trials](#) at all Mayo Clinic locations.

#### Areas of Research

An [A-Z list](#) of significant areas of research at Mayo Clinic.

#### Faculty Profiles

An [A-Z list](#) of Mayo researchers.

#### Publications

Search a listing of recent [peer-reviewed publications](#) by Mayo Clinic Authors.

#### Email Newsletters

Keep up-to-date with Mayo activities through [email newsletters](#).

#### Can an Artificial Pancreas Normalize Type 1 Diabetes?

Mayo Clinic researchers have developed an "artificial pancreas" to monitor blood sugar and deliver the appropriate dose of insulin to people with type 1 diabetes. If the device tests well in clinical trials, it could be a boon to those people burdened by having to constantly assess diet, activity and insulin dosage.

[Read article.](#)



#### Curious at Heart: A Focus on Diastolic Heart Failure

This major type of heart condition is the focus of many investigators at Mayo Clinic, but one in particular is spanning her efforts from bench to bedside.

[Read article.](#)



#### Training the Immune System to Fight Cancer

The ultimate goal is to develop a cancer vaccine to boost the immune system to naturally combat a deadly disease. The science crosses many disciplines and may develop therapies for people with breast cancer, ovarian cancer and rheumatoid arthritis.

[Read article.](#)



#### Robert Kyle, M.D. – Multiple Myeloma Pioneer

A profile of a true research pioneer who has made Mayo Clinic into a Mecca for dysproteinemia — disorders related to the cancer known as multiple myeloma. He differentiated severe conditions from more-benign disorders saving patients from potentially toxic therapy and relieving the anxiety of anticipating an illness that may never come.

[Read article.](#)



#### Snapshot: The Karolinska-Mayo Summit

It was a major, but quiet event: The summit of two global medical research centers behind closed doors.

[Read article.](#)

### Recent Research News

[Radiation to the Brain Improves Survival Rates for Small Cell Lung Cancer Patients](#)

[Mayo Clinic-led Research Team Tests Alternative Approach to Treating Diabetes](#)

[Mayo Clinic Researchers Use Human Vaccine to Cure Prostate Tumors in Mice](#)

[Possible Susceptibility Genes Found in Neurodegenerative Disorder](#)

### Discovery's Edge, the Print Magazine

Discovery's Edge is now published twice yearly as a printed publication. Delve into research as never before with this free, 32-page magazine, featuring ongoing scientific studies, profiles and other research news from Mayo Clinic.

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[Discovery's Edge](#), Mayo Clinic's online research magazine, highlights stories of leading medical investigators. Many feature stories cover ongoing projects long before they reach the journals. Science writers and medical reporters seeking story ideas will want to review the articles, which span a wide range of conditions and include visuals that can be used in publications.

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