

## Fall 2010

### 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](#).

### Detangling Risk in Neurodegenerative Disease Clues to Alzheimer's and Beyond

A Mayo Clinic research team is taking a "road less traveled" in pursuing the cause of Alzheimer's disease and other similar conditions. The Tau protein is a less understood potential culprit, causing disruptive tangles in the brain. Leonard Petrucelli, Ph.D., and his colleagues are beginning to find new clues on this trail.

[Read article.](#)



### Mesothelioma: Two New Approaches

Asbestos or other silicate particles inhaled decades ago are proving a time bomb for many who worked in mining or manufacturing industries. There isn't a cure for mesothelioma, only a timeline for patients whose lungs slowly disintegrate. Mayo researchers are trying two different approaches to help patients with this lethal form of lung cancer.

[Read article.](#)

### New Treatment for Atrial Fibrillation

#### Catheter ablation procedure avoids drugs and surgery

It's a heart problem that can cause a range of problems, including the potential for suffering a stroke. Mayo Clinic's expertise in heart rhythm problems and cardiac technologies has led to a better way to treat patients and a 21st century means to see inside the heart during treatment.

[Read article.](#)

### Hormones, the Pancreas and Obesity

Hormones are in your digestive tract, in the gut and can influence what happens in the pancreas, the source of insulin. Laurence Miller, M.D., has studied both for decades and is now working to understand how these mechanisms could impact obesity. The ultimate goal could be a treatment to prevent overeating.

[Read article.](#)

### SNAPSHOT: Decade of Discovery Conquering Diabetes within a State

Ending diabetes — both Type 1 and Type 2 — in a decade? Mayo Clinic and the University of Minnesota put that stake in the ground this fall and their scientists are now developing a coordinated plan of attack. It's an audacious goal that will require great effort and collaboration. Mayo's Dean of Research expressed it simply: "Minnesota is taking on diabetes. Come join us."

[Read article.](#)

## Recent Research News

[Vitamin D Levels and Leukemia](#)

[Mortality Rates from Liver Disease Underestimated](#)

[Tumor Suppressor Acts as Oncogene in Some Cancers](#)

## 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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