

February 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](#).

The When and Why of Seizures: Predicting the Unpredictable

Epilepsy can be controlled in many cases, but for some patients unpredictable seizures impose limitations on their professional and personal lives. Mayo Clinic researchers are seeking ways to predict seizure attacks and ultimately help patients improve quality of life.

[Read article.](#)



The Futurist: Mayo Leadership in Pharmacogenomics

Personalized medicine includes customized drugs, medications and treatments developed with a person's genome in mind. One of the pioneers of pharmacogenomics cultivated his research career at Mayo Clinic, while influencing this growing discipline. His research has set the stage for applying genetic variation to individualized drug treatment.

[Read article.](#)



Diabetes and Metabolism — The How of Clinical Studies

Mayo Clinic began studies in metabolism — how the body converts food to energy — nearly a century ago. This effort continues today with international collaborations, state-of-the-art labs, and the leadership of experts, all focusing on conquering diabetes. Research at Mayo Clinic is setting the stage for a major initiative against this elusive disease.

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Dr. Richard Pagano — Lipid Cell Biology Pioneer

It's one thing to be respected for your work in a scientific discipline, but to be credited with launching a field of study is a profound honor. Review the accomplishments of the late Dr. Richard Pagano, a leader in lipid research. The field of lipid metabolism and lipid trafficking defined his scientific career, and his work defined the field.

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SNAPSHOT: Celebration of Research

More than 200 high school students visited Mayo Clinic's Rochester campus for the 13th biennial "Celebration of Research." Participants learned about Mayo's early discoveries and heard about the future of health care delivery. Laboratory tours and special presentations nurtured interest in medical research for these budding young scientists.

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Recent Research News

[Mayo Clinic Researchers Confirm Value of Therapeutic Hypothermia After Cardiac Arrest](#)

[Mayo Clinic Researchers Measure Serotonin Levels Using a Novel Device Called WINCS](#)

[Mayo Researchers Pinpoint How One Cancer Gene Functions](#)

[Mayo Researchers Describe Measles Viral Protein Movement](#)

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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