**Expert management of these rare disorders**

Autoinflammatory diseases, or periodic fever syndromes, are newly grouped rheumatic conditions. Most are hereditary, caused by genetic abnormalities. Diagnosing and managing them can be complex and challenging, and patients often struggle to find specialized care.

Now adults with autoinflammatory diseases can get the specialized help they need at the Clinic for Adult Autoinflammatory Diseases at Cleveland Clinic. We are one of few centers in the United States to offer expert knowledge and management of these disorders, supported by genetic testing and counseling as well as groundbreaking research.

**Symptoms of Autoinflammatory Diseases**

Patients may experience recurring:
- Fever
- Rash
- Joint pain or swelling
- Chest or abdominal pain
- Eye redness, pain or dryness

Autoinflammatory diseases are not the same as autoimmune diseases. Typically these patients do not have autoantibodies for autoimmune diseases such as lupus.

**We treat adults with:**
- Periodic fever syndromes
- NOD2-associated autoinflammatory disease (NAID)
- Blau syndrome
- Familial Mediterranean fever (FMF)
- Cryopyrin-associated periodic syndromes (CAPS)
- Tumor necrosis factor receptor-associated periodic syndrome (TRAPS)
- Hyperimmunoglobulin D syndrome (HIDS)
- Adult-onset Still's disease
- Pyogenic arthritis, pyoderma gangrenosum and acne (PAPA) syndrome
- Undiagnosed fever, rash, joint pain or swelling

**Our services**

With help from colleagues in Pathology & Laboratory Medicine, Genomic Medicine and Lerner Research institutes, we offer adult autoinflammatory disease patients the most advanced services available, including:
- Proper diagnosis and treatment
- Genetic testing on-site, providing faster results at a more reasonable cost
- Genetic counseling
- Scientific research of the diseases

**Macrophages**

**Epithelial cell**
Our expertise

The Clinic for Adult Autoinflammatory Diseases is part of Cleveland Clinic’s Department of Rheumatic & Immunologic Diseases, ranked No. 2 in the nation for rheumatology — and best in Ohio — by U.S. News & World Report.

It is headed by Cleveland Clinic rheumatologist Qingping Yao, MD, PhD. Dr. Yao has authored numerous publications about adult autoinflammatory diseases and is the only Ohio member of the International Society of Systemic Autoinflammatory Diseases. In 2011, he led the discovery of NOD2-associated autoinflammatory disease (NAID).

Collaborators of Dr. Yao on patient care and research at the center are:

Felicitas Lacbawan, MD, Head of Molecular Genetics Pathology (MGP) and Program Director of the MGP Fellowship. Dr. Lacbawan leads the section that performs molecular tests for indications spanning inherited and genetic disorders and pharmacogenomics as well as provides genetic/genomic test review and utilization. She serves as the medical and technical director of laboratory-developed genetic tests.

Rocio Moran, MD, Medical Director of General Genetics Clinics at Cleveland Clinic’s Center for Personalized Genetic Healthcare. She also is Head of Pediatric Genetics and leads the genetics program for The Sydell and Arnold Miller Family Heart & Vascular Institute. Dr. Moran has been pivotal in improving patient access to genetic testing and educating healthcare providers about its role in clinical practice.

Christine McDonald, PhD, Associate Staff in Pathobiology. Dr. McDonald coordinates translational research studies in autoinflammatory diseases. A major focus of her research explores links between dysregulated NOD2 function and autoinflammatory diseases to gain insights into potential novel treatment approaches for patients. Dr. McDonald’s research program is supported by grants from the National Institutes of Health and the Department of Defense.

Ready to make an appointment?
Call 216.444.5632, or toll-free 800.223.2273, ext. 45632.