



Find it: [Jobs](#) | [Cars](#) | [Homes](#) | [Rentals](#) | [Shopping](#) | [Classifieds](#) | [Visitor's Guide](#)

Tools: [Submit Content](#) | [Customer Service](#) | [Site Map](#)



Search Cincinnati

[All](#) [Local News](#) [Jobs](#) [Directory](#) [More »](#)



- [HOME FORUMS](#)
- [NEWS](#)
- [SPORTS](#)
- [ENTERTAINMENT](#)
- [LIVING](#)
- [BUSINESS](#)
- [COMMUNITIES](#)
- [OPINION](#)
- [PHOTOS & VIDEOS](#)
- [MAIN](#)
- [LATEST HEADLINES](#)
- [CRIME & COURTS](#)
- [SCHOOLS](#)
- [POLITICS](#)
- [NATION](#)
- [WORLD](#)
- [DATA](#)
- [ALERTS](#)
- [ARC](#)



Comment, blog & share photos

[Log in](#) | [Become a member](#)

and The Cincinnati Enquirer
[Leave your feedback](#)

Local news

Cincinnati.Com » Local news
Last Updated: 3:16 pm | Tuesday, July 29, 2008

[ShareThis](#)

Children's gets \$6.4 million for sickle cell research

By Peggy O'Farrell • pofarrell@enquirer.com • July 29, 2008

[Read Comments\(11\)](#) • [Recommend \(2\)](#) • [Print](#) • [Email](#) • [Click To Listen](#) • Type Size: **A** A

The federal government is giving Cincinnati Children's Hospital Medical Center \$6.4 million to pay for sickle cell anemia research.

Advertisement The money from the National Heart, Lung and Blood Institute "will make us a leader in basic and translational research into sickle cell disease," said Clinton Joiner, director of Cincinnati Comprehensive Sickle Cell Center at the hospital.

"This grant helps us look into the future to develop new ways to treat and cure sickle cell disease. At the same time, we'll focus on how we can best deliver to our patients the excellent therapies we already have," he said.

The money – disbursed over four years – will pay for these projects:

1. Punam Malik will lead a project aiming to develop gene therapy to cure sickle cell. Malik will study the feasibility of using an engineered virus developed at the Corryville hospital to deliver genetic information to abnormal blood cells. If successful, the therapy would permanently cure the disorder in patients who receive the therapy, researchers believe.
2. Joiner will lead a project looking at ways to prevent the dehydration of sickle cells by genetically manipulating how the cells use salt. The project could ultimately improve patients' quality of life and life span.
3. Monica Mitchell and Lori Crosby will study why children and teens don't stick to hydroxyurea therapy. The drug reduces pain episodes and the need for blood transfusions, but research shows that about half of children and teens don't follow the treatment. Mitchell and Crosby will try to determine what the barriers are and how to

Most Commented

- Have Reds f
- Backers see
- Assistant prc
- Make losing
- Deportation :

Most Recommended

- Zachary Jose
- Cindy Wright
- UC recruit co
- Get ready, ge
- Griffey: Thank

More News here

- Heat and smc
- Keno starts tc
- Hundreds pay
- Trial set to be
- Assistant pros
- 'Underwear m
- Family feud tu
- Court tosses i
- McCafferty se
- Sixteen died i
- FBI announce
- What Stricklai
- Backers seek
- David M. McC
- Clerk robbed

Quick Links



overcome them.

Sickle cell disease is a genetic disorder affecting hemoglobin, the protein that carries oxygen in red blood cells.

The disease makes blood cells rigid and distorted into sickle, or crescent, shapes, instead of round. The misshapen cells can plug up small blood vessels and decrease blood flow to different parts of the body, leading to severe pain, organ damage and strokes.

The disease affects approximately 100,000 people in the U.S., mostly of African descent.

**Get a
Real-world
Education
in Ohio.**



CLICK HERE ▶

phoenix.edu

- Sign up for Br
- Sign up for Br
- Check out yo
- Post your ovr