The Aflac Cancer and Blood Disorders Center is conducting a new NIH-funded clinical research study in children and adolescents to look at how exercise affects inflammation in the body in children with and without sickle cell anemia.

If you are eligible for the study, you will participate in 2 bicycle exercise tests. You will also perform breathing tests and have blood tests here at Children’s Healthcare of Atlanta.

**You (or your child) may be eligible if you (or your child):**

- Have sickle cell anemia
  
  **OR**

- Are healthy and do **NOT** have a chronic medical condition, including asthma
- Are African or African American
- Are between the ages of 10 and 21 years old

You or your child will be reimbursed for participating in this study.

If you are interested in learning more, please contact Nwanna Ifendu at nwanna.ifendu@choa.org or 404-785-3136, or Dr. Amy Tang at amy.tang@choa.org

This study is Lurie Children’s IRB # 2017-881, “The Pro-Inflammatory Effects of Acute Exercise in Children with Sickle Cell Anemia” by Principal Investigator Robert Liem. The content of this flier has been approved by the Lurie Children’s IRB.