

## Quercetin in Children with Fanconi Anemia

- Quercetin is a natural food supplement that belongs to a group of compounds known as flavonoids.
- Flavonoids are powerful antioxidants that may fight aging and prevent disease. Quercetin has a wide range of antioxidant activities, which may protect against oxidative-stress related diseases like marrow failure in Fanconi Anemia.
- Researchers at Cincinnati Children's Hospital Medical Center (CCHMC) have shown that Quercetin delays or prevents marrow failure in mice with Fanconi anemia.
- CCHMC Fanconi Anemia Comprehensive Care Center has currently opened a pilot study of the use of Quercetin in persons with Fanconi anemia.
- The first three patients in the study will be 12 years of age or older to allow us to figure out the best dosing. Children who want to be in the study must be able to take medicine (a liquid) by mouth. After these first three children have completed four months of therapy, a second group will be recruited, and younger children will be included at that time.
- The trial includes an evaluation at CCHMC for screening and baseline testing, interval laboratory studies, and a return visit to CCHMC at four months and one year after completion of the drug.

Interested individuals can contact Dr. Parinda Mehta at 513-636-5917, or toll-free at 1-800-344-2462, at extension 65917 for additional information or questions.

