

GIGA Kids News & Updates

Fall 2023 Update

Sweater Weather!

Hello GIGA Kids PIs, Coordinators & Friends,

First of all, we want to **Thank You** all for your patience and your commitment to GIGA Kids – we look forward to continue working with you!

As of September 15th, 2023, there are **14 actively recruiting GIGA sites**. Total recruitment is presently at **N=571 participants**, including 559 cases and 12 healthy controls. This already puts us at 57% of our overall goal of 1,000 participants, however, we still need your help to bring back our initial recruitment rate of ~100 cases per year.

Please note that we are still **accepting new recruitment sites**, and we are actively enrolling the following:

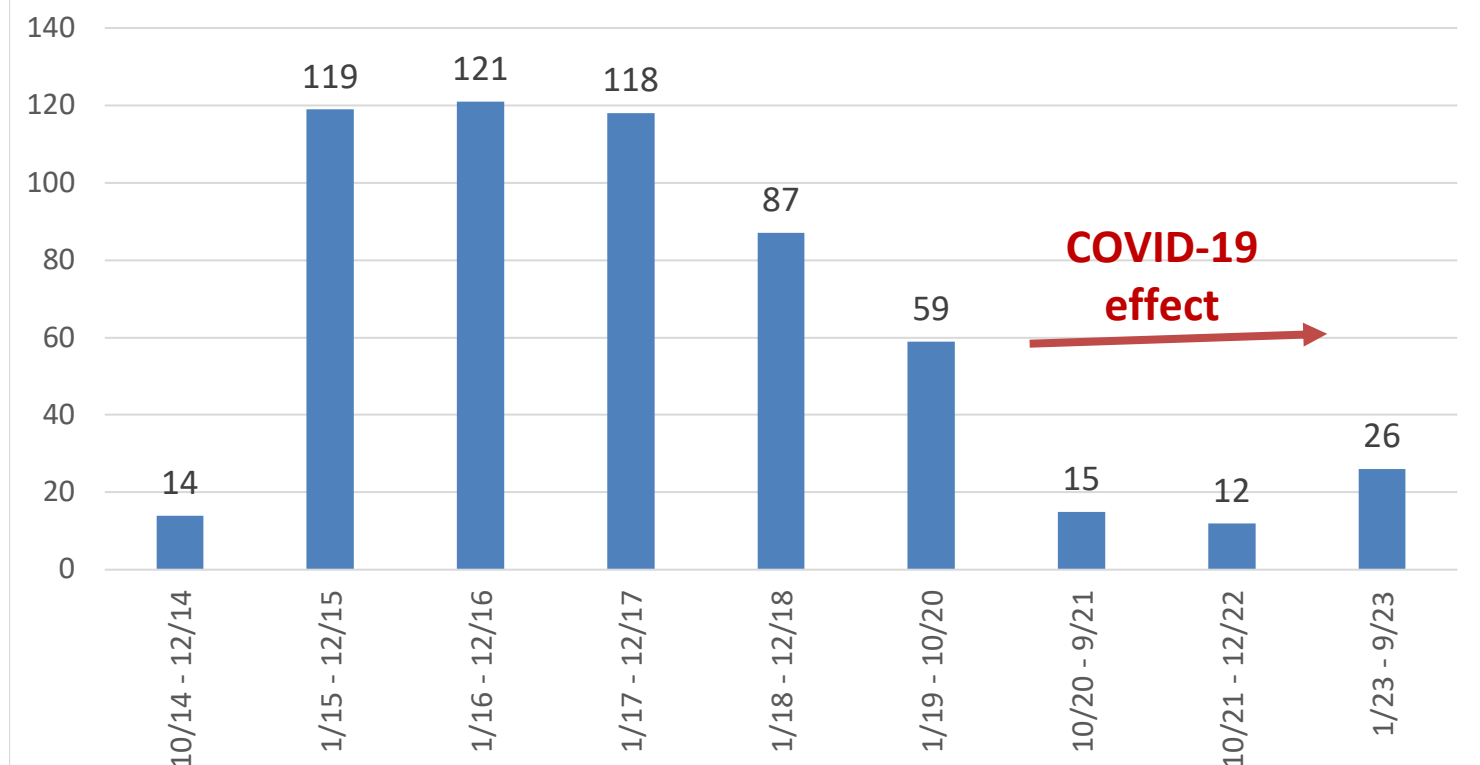
- Pediatric IgA vasculitis cases with and without nephritis (biopsy not required)
- Pediatric IgAN cases (biopsy-diagnosed)
- Healthy pediatric controls (without active infections, autoimmune, or liver disease)

Cecilia will continue to host **Zoom “office hours”** every Wednesday at 2PM EST.

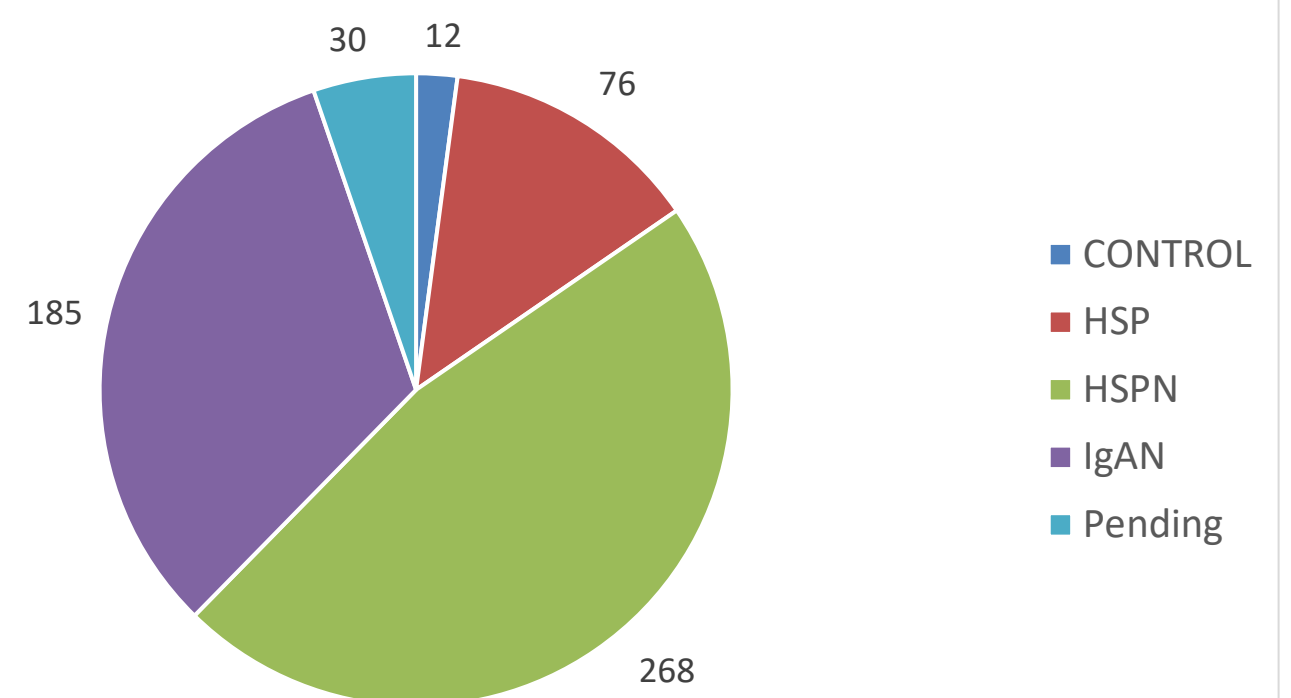
As always, please let us know how we can best support your recruitment efforts, and do not hesitate to reach out to **Cecilia Berrouet** (ccb2184@cumc.columbia.edu) with questions, concerns, or suggestions.

Feel free to pass along this newsletter to colleagues and collaborators or share via social media.

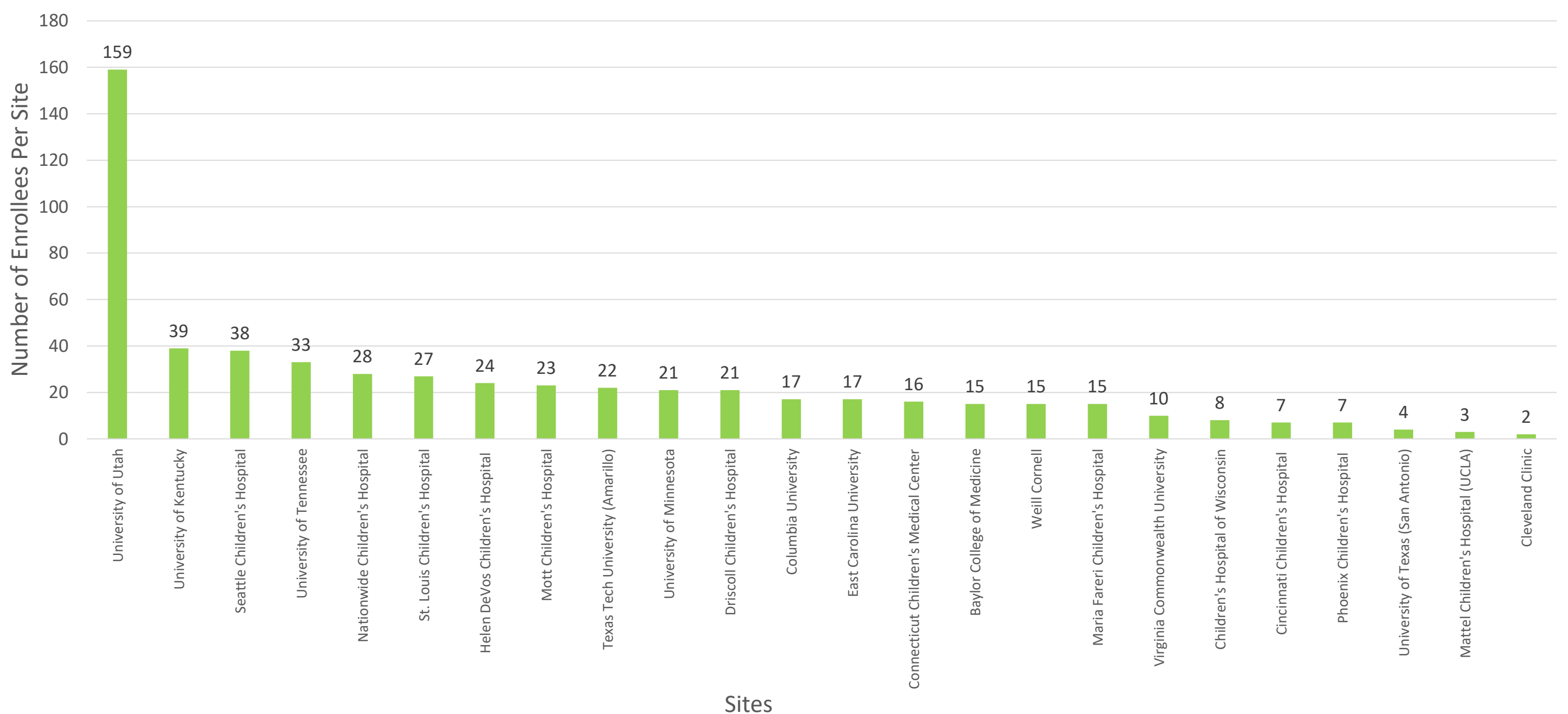
Recruitment totals per year



Cohort by Diagnosis



GIGA Kids Study: All-Time Recruitment Per Site



September
28-30, 2023

*Pre-conference:
September 25 – 27, 2023

Venue:
KFC Hall & Rooms
Ryogoku, Tokyo
[Access] <https://www.tokyo-kfc.co.jp/access/>

Congress Chair:
Yusuke Suzuki
Professor of Department of Nephrology,
Juntendo University Faculty of Medicine

17th International Symposium
on IgA Nephropathy

TOKYO 2023

IlgANN

17th International Symposium on IgA Nephropathy in Tokyo, Japan

- The 2023 IlgANN Symposium took place on September 25th-27th in Ryogoku, Tokyo. The symposium was attended by over 400 IgA nephropathy scientists from around the globe and focused on the latest research and drug trials for IgA nephropathy. The GIGA-kids team was present at the meeting and presented our progress.
- Dr. Krzysztof Kiryluk discussed our latest genetic studies, including the genome-wide association study (GWAS) published in **Nature Genetics** in July 2023. This study involved 10,146 kidney-biopsy-diagnosed IgA nephropathy cases and 28,751 healthy controls recruited across 17 international cohorts. The study described 30 susceptibility loci for IgA nephropathy and prioritized several new drug targets (for details, see Kiryluk et al. Genome-wide association analyses define pathogenic signaling pathways and prioritize drug targets for IgA nephropathy. *Nature Genetics* 2023, 55, pages 1091–1105)
- Dr. Lili Liu from our GIGA team at Columbia University additionally presented an update on her latest studies of IgA vasculitis that included all of the GIGA-kids IgA vasculitis patients recruited to date. This work involved genome-wide, transcriptome-wide, and proteome-wide association studies revealing new IgA vasculitis susceptibility loci and pointing to novel genetic mechanisms. Dr. Liu has been awarded a **Young Investigator Award** for her contributions from the congress organizing committee.

We congratulate Dr. Liu for her outstanding contributions to the research of IgA vasculitis!!!

Reminders

- We are revisiting a [new tool](#) to allow for a streamlined document and kit request pipeline. The link to this form will be on the Kiryluk lab website and in the signature of Cecilia's emails.
- Please ensure every enrolled participant is in the GIGA Kids database, OpenClinica, and data entry for each participant is as complete as possible.
- We will be sending out new (2023) progress reports regarding missing sample and OpenClinica data starting in mid-October so please be prepared and on the lookout!

PNRC Fall 2023 Meeting

The Pediatric Nephrology Research Consortium (PNRC) Fall 2023 Meeting will be hosted in **Indianapolis, IN** and has a virtual option as well. It will be from **October 5-7, 2023**. For more information – <https://pnrconsortium.org/events/2023-fall-meeting>

Important Contact Information:

DUA/OpenClinica – Nationwide: Corinna Bowers
Corinna.Bowers@nationwidechildrens.org

IRB/MTA – CUMC: Melanie Foley
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Interested in participating in the GIGA Kids Study?

Our Coordinator for the GIGA Kids study, Cecilia Berrouet, can guide you through the IRB application process, and help to answer any questions you may have regarding study protocol, or recruitment.

Email: ccb2184@cumc.columbia.edu Tel: (212) 851-5216