

Genomics and Pediatric Septic Shock 3rd Announcement and Update

Dear Colleagues,

We are writing to update you on the progress of our genomics grant. As previously communicated we have a large scale clinical study to conduct microarray analyses in children with septic shock. Specifically, we are proposing to develop a national-level genomic data base (RNA) of children with SIRS and septic shock. The data base will be mined to conduct high throughput microarray analyses to define the genome-level expression profiles in this patient population.

We are now funded by the NIH to conduct this study. We are again writing to solicit your assistance in developing this data base. The data base cannot be adequately generated without the assistance of multiple pediatric centers. Specifically, we need multiple centers to submit samples to enter into the data base and to provide annotated clinical data. The process for obtaining and submitting samples is relatively straight forward and does not require any specialized laboratory techniques. The process for submitting clinical data will be web-based. The proposed budget takes into account the need for obtaining samples from multiple centers.

Following our previous announcements many of you graciously offered assistance and were provided with the necessary information to get the protocol through your respective Institutional Review Boards. If you remain interested or want further information please contact either Tom or me directly. Now that we are formally funded for the project, this is an unprecedented opportunity to develop a genome-level understanding of pediatric septic shock and it cannot be achieved without the participation of the pediatric critical care community. Thank you for your consideration.

Hector Wong (wonghr@chmcc.org)

Tom Shanley (thomas.shanley@chmcc.org)

Division of Critical Care Medicine
Cincinnati Children's Hospital Medical Center
3333 Burnet Avenue
Cincinnati, OH 45229
Tel: 513-636-4259
Fax: 513-636-4267