MINUTES

CPIC CONFERENCE CALL

ST. JUDE CHILDREN'S RESEARCH HOSPITAL

DATE: April 7th, 2011

PRESENT: Russ Altman, Michelle Carrillo, Kristine Crews, Robert Freimuth, Matt Goetz, Andrea Gaedigk, Fran Greeson, James Hoffman, Ogechi Ikediobi, Amalia Issa, , Julie Johnson, Audrey Papp, Steven Scherer, Stuart Scott, Alan Shuldiner, Todd Skaar, Mike Stein, Rachel Tyndale, Russell Wilke, Sook Wah Yee

| TOPIC | DISCUSSION/ACTION | FOLLOW-UP |
| --- | --- | --- |
| NHGRI interest  Possible collaborations with Dutch group  Tour of the CPIC website  Warfarin (Julie)  CYP2D6/codeine draft  What gene/drug pair guidelines are under way and what should timeline be?  IOM report on guidelines. | Rochelle Long introduced Dr. Teri Manolio (NHGRI), who is joining CPIC. As outlined in NHGRI’s recently published Strategic Plan, clinical implementation of genetics is of interest to NHGRI.  Following CPIC’s presentation at ASCPT, Dr. H.J.Guchelaar and some colleagues from the Netherlands described their work at clinical implementation of pharmacogenetics and shared some of their published work (papers posted on CPIC working group site). Drs. Relling, Altman, Guchelaar, and his post-doc Dr. Swen had a teleconference, and there will be further discussions on possible ways to join forces, and possibly expand CPIC’s efforts further internationally, especially with regard to updating and maintaining guidelines.  Using the Webex function, Drs. Relling and Klein toured CPIC members around PharmGKB site and CPIC working group site, where Dutch Group papers were posted, along with CPIC minutes and related documents.  Dr. Johnson reviewed that the goal is to submit in time for an upcoming CPT issue focused on CV; therefore, need comments from CPIC members by April 15. Focus is IF you have genetic information, what should be done with the information (remember this is overall approach for all CPIC guidelines!) Emphasis is to use algorithms if possible, but basic genotype-by-dosing table is included, as are links to algorithms such as warfarindosing.org Need to be clear about rating systems used as defined in TPMT guideline (PMID: [21270794](http://www.pharmgkb.org/redirect.jsp?p=http%3A%2F%2Fwww.ncbi.nlm.nih.gov%2Fpubmed%2F21270794)) and reproduce the rankings in the supplement to each guideline. (Evidence: high, moderate, weak; Strength of dosing recommendation: strong, moderate, optional). Reason CPIC is not using rating criteria for evidence used in some clinical guidelines as most do not permit use of preclinical data, which will be needed for many pharmacogenetic guidelines.  Dr. Crews led the discussion, along with Drs. Skaar and Gaedigk.  There was much discussion about whether to include all rare alleles in submitted version vs having in on-line updates vs referring to other sources. Have to keep in mind that new alleles will be found over time – so it will be challenging to be comprehensive. Table 1 was discussed extensively – it was agreed that the phenotype categories were appropriate, especially if the table title is changed to indicate it is referenced to codeine.  Guideline prompted discussion of challenges going from genotype to phenotype Many people would like a program that would help determine phenotype based on genotypes; in development could make small comment on this in paper. PharmGKB staff agreed this could be a useful resource---to create electronic genotype-to-phenotype translation tables.  Timing of this guideline prompted discussion of how we work with CPT and time of publication. It was mentioned that if important guidelines are ready to be published, we would like to get them out to the public.  Discussion deferred. | Drs. Hindorff and Manolio will join CPIC.  Dr. Relling followed up with Dr. Long, who has extended information to Dr. Guchelaar about PGRN affiliate status, and Dr. Guchelaar will discuss ways to interact with his colleagues in Dutch Pharmacogenetics Working Group. Another conference call will be scheduled next month, with further discussion at CPIC as appropriate.  Dr. Klein encouraged CPIC members to use the site and let her know if they needed their password.  Dr. Johnson requests feedback from CPIC members by April 15th.  CPIC members should give feedback to Todd, Kris, and Andrea; guidelines will be circulated again to entire group.  If timing of submission or publication becomes a problem, this will be discussed in future calls. Currently, we are on track to submit 3-4 guidelines per year for the first 1-2 years.  Links to IOM report posted on CPIC site. |