Primary Immunodeficiency Committee

The IUIS Primary Immunodeficiency (PID) committee met in February 2017 to develop the current listing of primary immunodeficiencies, now renamed as inborn errors of immunity. The name change reflects the increasing appreciation for non-infectious manifestations of monogenic disorders of the immune system. The current listing includes 328 conditions categorized as (1) combined immunodeficiencies, (2) combined immunodeficiencies with syndromic features, (3) predominantly antibody deficiencies, (4) diseases of immune dysregulation, (5) defects of phagocyte number or function, (6) defects in intrinsic and innate immunity, (7) autoinflammatory diseases, and (8) complement deficiencies. There is an additional listing of phenocopies of inborn errors of immunity. This list will be published along with a paper using a phenotypic approach to recognize inborn errors of immunity. An additional feature, new to this listing is the availability of the list on the newly redesigned IUIS web site. To further enhance accessibility, an app for mobile devices describing phenotypes of inborn errors of immunity was developed and can be retrieved using the following links:


It has been 47 years since a committee was first developed to catalog primary immunodeficiencies. The graph below demonstrates the remarkable growth in the field.

Members of the committee have been active in promoting education and awareness of inborn errors of immunity. Current committee members are listed below:

Waleed Al-Herz
Aziz Bousfiha
Jean-Laurent Casanova
Talal Chatila
Yanick J. Crow
Amos Etzioni
H. Bobby Gaspar
Steven M Holland
Christoph Klein
Tomohiro Morio
Hans D. Ochs
Eric Oksenhendler
Capucine Picard
Jennifer Puck
Mimi L. K. Tang
Stuart G. Tangye
Troy R. Torgerson
Jose Luis Franco (Secretary)
Charlotte Cunningham-Rundles (Treasurer)
Kathleen E. Sullivan (Chair)