

X INTERNATIONAL CONGRESS OF GENETICS

The X International Congress of Genetics will be held at McGill University in Montreal August 20 to 27 inclusive, 1958. Registration will actually commence in the afternoon of August 19. This is the second International Congress of Genetics to be held in North America (the first was held in Ithaca, New York in 1932), and the first in Canada.

An invitation to hold this Congress at McGill University was extended at the last Congress (held in Bellagio, Italy) by McGill University and sponsored by the Genetics Society of America. It was unanimously supported by the Permanent International Committee for Genetics Congresses and approved at a plenary session of the Congress. Since then the following organizations have enlisted as co-sponsors: Genetics Society of Canada, Agricultural Institute of Canada, American Cancer Society, American Eugenics Society, American Genetic Association, American Society of Agronomy, American Society for Animal Production, American Society for Horticultural Science, American Society of Human Genetics, American Society of Naturalists, and Society for the Study of Evolution.

The Scientific Programme will consist of symposia, invited papers, contributed papers and demonstrations, exhibits, panel discussions and special meetings. The symposia will be plenary sessions during mornings and the contributed papers and demonstrations will be arranged into concurrent afternoon sessions. These afternoon sessions of contributed papers each 15 minutes in length, will be presented by members of the Congress in the language of their own choosing.

A very extensive exhibit, illustrating the numerous ways in which the science of Genetics has contributed to human progress and welfare is being prepared. There will be about one hundred booths, including many exhibits brought from Japan especially for the Congress, a number being prepared by the Department of Agriculture of the Government of Canada, some by the United States Department of Agriculture, and some by the Swedish Seed Association. The Japanese exhibits illustrate genetic and cytological work on morning glory, wheat, rice, radish, silkworm, goldfish, fowl and old documents. Exhibits on plant genetics include examples from studies of coffee, cotton, sorghum, watermelons, rubber, hybrid corn, crop improvement through crosses with wild relatives, etc. Studies on animal genetics will be illustrated by exhibits of the King Ranch Santa Gertrudis cattle; dwarf cattle, fur animals, sheep and poultry; and possibly of dogs, cats and swine. There will be an extensive section concerning the use of genetics in relation to medicine with such items as the use of inbred strains of animals, living chromosome maps of the mouse, immunogenetics

of tissue transplants, human cancer genetics, cancer in animals, twin studies and radiation biology. The Canadian exhibit will demonstrate aspects of the application of genetic principles to studies of wheat, oats, Lacombe hog, poultry, legume breeding, flower colour and tomatoes. Many other exhibits will refer to microbial genetics in preparation of pharmaceutical preparations, Drosophila - cytology and genetics, books on genetics, the use of the electron microscope in genetic studies, nuclear tools of the geneticist, and insect cytotaxonomy. The entire exhibit will be located at the McGill Winter Stadium and it will be open to the general public. Children must be accompanied by adults.

A number of tours have been organized for members of the Congress. A two-day trip to Ottawa will be available both before and after the Congress. The group visiting Quebec City will leave Saturday, August 23 and return in the evening of August 24. An inspection tour of the St. Lawrence Seaway will be arranged for Sunday, August 24. A short Canadian tour to Niagara Falls will leave Montreal on August 28 and return via the Muskoka Lakes and Ottawa on September 2. A longer tour of genetic laboratories and points of interest in the eastern United States will leave Montreal on August 28 and return on September 11. The latter tour will visit the Jackson Memorial Laboratories at Bar Harbor, Maine; the Massachusetts Institute of Technology and the laboratories of Harvard University in Boston; the Connecticut Agricultural Station; the Osborn and Gibbs laboratories of Yale University in New Haven; the Brookhaven National Laboratories, and the Genetics Laboratories of the Carnegie Institution of Washington and of the Long Island Biological Association, on Long Island; the Departments of Botany and Zoology of Columbia University in New York; and Genetic Laboratories of Cornell University at Ithaca, New York. Other special tours may be arranged directly with Tobin's Travel Bureau at 1240 Peel Street in Montreal.

The Proceedings of the Congress will be printed in two volumes. Volume I will contain the programme including information about exhibits, texts of invited papers, of the symposia, and of the public lectures, and the records of the plenary sessions. Volume II will contain the abstracts of contributed and demonstration papers. Contents of both volumes will be in either French or English and the volumes will be published by the University of Toronto Press.

Invitations have been extended to over sixty countries through the Department of External Affairs, in Ottawa. The General Secretary has extended personal invitations to over 230 individuals and about 300 institutions in many different countries. The res-