

Conference Report

The IXth International Congress of Virology

Glasgow, UK, 8–13 August 1993

The aim of the organizers of the IXth International Congress of Virology (ICV93) of the International Union of Microbiological Societies was 'to bring together a galaxy of distinguished scientists to present their latest data and to review progress over a wide spectrum of virological topics'. Indeed, they succeeded in presenting a scientific programme which offered virtually all the important subjects studied in modern virology in a series of plenary sessions, workshops, poster sessions and round tables.

A one-day course was organized on the first day of the congress, which was intended to provide an introduction or an update on areas of virology that are current but which may be outside a participant's particular field of expertise, with the objective of providing a background for the plenary sessions and workshops.

The plenary sessions dealt with virus structure and assembly, expression of viral genomes, molecular basis of disease, virus-host interactions, and the impact of molecular biology on diagnostics and control of virus infections. Together these sessions presented an excellent overview of the present state of modern virology,

of direct or indirect importance for those working in vaccine-related research fields. Vaccine-related topics were more directly addressed in a number of the workshops with their associated poster sessions.

The workshops covered an even wider variety of subjects than the plenary sessions, including new developments concerning virus families, control and immunity, diagnosis, pathogenesis, plant virology and phages. One workshop directly addressed new trends in vaccine development. In several of the studies presented, whole inactivated, split or subunit preparations of viruses were used as candidate vaccines in the presence of a variety of adjuvant systems or immunogenic presentation forms. The potential of live viruses attenuated via classical means or via the substitution of selected genes associated with virulence or by reassortment of genes was evaluated. Different viral expression systems used to produce viral subunits or virus-like particles were presented, which also were evaluated in association with several adjuvant and presentation systems. A separate workshop was entirely devoted to viral expression systems. The immunogenicity and protective effect of different recombinant pox viruses and other

viruses expressing foreign genes and of chimeric viruses received much attention. Most of the immunization studies focused on serum antibody responses and protection, while some also included local IgA, T-helper and cytotoxic T-cell responses. Two workshops were entirely devoted to mechanisms of virus neutralization and the importance of cellular immunity to virus infections. Studies related to AIDS vaccine development were largely confined to protection experiments and mechanisms of protection induced by subunit vaccines and live attenuated simian immunodeficiency virus (SIV) in SIV macaque models.

The two round table sessions about the final steps toward the eradication of smallpox virus and the release of genetically modified viruses and of transgenic virus-resistant hosts attracted a lot of attention from the ICV93 participants and from the lay press.

Taken together, the ICV93 was a quite successful meeting, for which the organizers may be complimented. Its abstract book contains a huge amount of information that may provide those working in the field of virus vaccines with many useful ideas and facts for further consideration.

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August 4-August 13, 1999 Scottish Exhibition and Conference Centre Glasgow, Scotland, UK. International Union of Crystallography Eighteenth General Assembly and International Congress of Crystallography Glasgow, UK, 4-13 August 1999 Acta Cryst. (2001). A57, 741-795. Congress web site (archive). Abstracts Book (12 Mb pdf). Session Reports and Photographs. Photo gallery. Executive Committee and Delegates at the 1999 Congress. 6th European Congress of Virology Complete Preliminary Programme (ECV 2016)) Lecture/Event 13:00 – 13:30 Chairpersons Opening Ceremony – Welcome Session Hall 1 - 2.Floor Klaus Åberla, Erlangen, Germany Olaf Degen, Hamburg, Germany Antiviral drug development: Assessing the present, imagining the future Don Ganem, Emeryville CA, USA Strategies to manage herpesvirus drug-resistance Graciela Andrei, Leuven, Belgium Entry inhibition as a future. Å ligands during lytic infection to escape elimination by natural killer cells Dominik Schmiedel, Jerusalem, Israel Antiviral activity of the cGAS-STING pathway against hepatitis B virus infection Seung-Ae Yim, Strasbourg, France Membranous fingerprinting of HIV-1 Virology 2019 welcomes delegates from all around the world to attend "5th World Congress on Virology" a conference organized by PULSUS group which will be held on September 18-19, 2019 at Edinburgh, Scotland. Edinburgh us a the Capital of Scotland located in Central Eastern Side part of Scotland. It is a City that facilitates human living.