

Product News

Anticoccidial vaccines

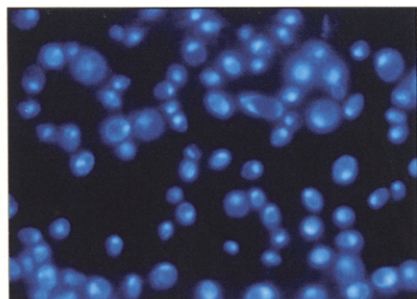


The routine use of chemicals in livestock production is again under scrutiny. With these pressures and the increasing demand for organic and 'green' products, the industry will welcome the excellent results from the first large-scale trials in broiler chickens of a live attenuated

coccidiosis vaccine. Completed throughout 1997 and 1998, the trials have shown that the use of **Paracox®** vaccine — developed by a collaboration between the **Institute for Animal Health** and **Schering-Plough Animal Health** — will control coccidiosis in broilers, with bird performance at least equal to current anticoccidial drugs. The vaccine is already a proven success and, since it was first introduced in 1989, it has given protection against coccidiosis and improved economic performance and welfare in over 240 million breeder chickens reared worldwide. The success of this vaccine provides an alternative to growing birds on chemicals for almost their entire lives — previously the only effective option to protect standard broiler chickens against coccidiosis.

Circle number 1 on reader response card.

Membrane helps spot microbes



Researchers undertaking epifluorescent microscopy and other techniques which would benefit from a contrasting background will be pleased to learn that **Whatman International** has introduced a black version of its popular **Cyclopore** membrane filter. The precise control of pore density, pore angle and pore diameter in the manufacturing process means that Cyclopore track etched membranes are ideal for analytical applications whenever collected particles must be measured, counted, recovered or transferred with total accuracy.

Circle number 2 on reader response card.

Multi-discussion observation



Olympus has designed a multi-discussion observation system for the BX microscope to meet the demands of laboratories for on-site training. Using a network of separate binocular viewing heads, the microscope can be adapted to enable up to twenty people to view a specimen simultaneously. This multiple division is made possible by the extraordinary brightness of the primary image, combined with the optical efficiency of the connecting tubes. Enhanced interactivity is provided by a pointer arrow, which can be coloured.

Circle number 3 on reader response card.

In Brief

Beyond the Genome

The complete map of the human genome will be available in the next two to three years — a breakthrough which will have a profound and unprecedented effect on all our lives in the next century. The discussion of how the completed genome sequences can be harnessed and transformed into practical advances, in both basic and applied sciences, is one of the aims of the **18th International Congress of Biochemistry and Molecular Biology**, which will be held at the International Convention Centre in Birmingham from 16th to 20th July, 2000. Circle number 4 on reader response card.

Edinburgh BioParks

Edinburgh BioParks offers a new generation of science park in Midlothian, an area that is fast becoming a centre of excellence in animal health and biotechnology research. The region enjoys close links with local academic and commercial groups and has easy access to international markets. Property facilities at the Roslin Biotechnology Centre and Pentlands Science Park are promoted by Edinburgh BioParks. New tenants can take advantage of assistance with planning and fit out requirements. Other facilities include libraries, dining facilities, meeting rooms, lecture theaters and site security.

Circle number 5 on reader response card.

Chemical drawing programme

Cherwell Scientific recently announced that the new version of **ChemDraw** packs even more features into Version 5.0. With well over a decade of development and a user community of several hundred thousand chemists, ChemDraw now appeals to even more chemists who want to view spectral files, estimate ^1H and ^{13}C NMR shifts, generate structures from names and vice versa, and invoke ChemDraw from other programming environments.

Circle number 6 on reader response card.

Measurements of particle size

Many of the products available from **Bristol Industrial and Research Associates** make measurements of particle size and concentration, but the **Topas FAS 360** is different in that it does not do it in air, but in water. There have always been concerns about the presence of particles suspended in liquids, such as water, where such particles might have adverse health consequences. The FAS 360 measures the optical particle size of individual particles passing through an optically defined measuring volume. Particle sizes between $2\text{ }\mu\text{m}$ and $200\text{ }\mu\text{m}$ can be reproducibly measured.

Circle number 7 on reader response card.