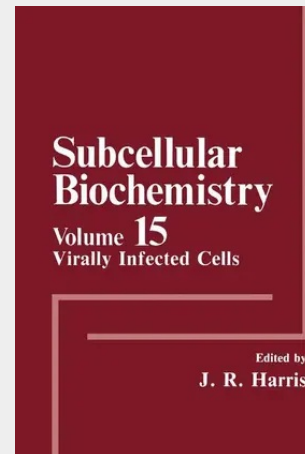


Virally Infected Cells

Cellular virology has made tremendous advances in the past decade due to the availability and application of new immunological techniques together with the vast range of biochemical techniques and the continued impact of transmission electron microscopy. The chapters contained in this volume provide significant coverage of the subject of cellular virology as a whole. Considerable overall emphasis is placed upon the membrane biochemistry of viral proteins and glycoproteins within the infected cell. In the opening chapter Edouard Kurstak and his colleagues provide a useful survey on the detection of viral antigens and antibodies by immunoassays. This chapter, with its emphasis on the important role of immunology in present-day virology, sets the scene for the volume. Following this is an exciting presentation from Stefan Hoglund and his colleagues on ISCOMs and immunostimulation with viral antigens. This unique approach is already proving to be of value, particularly in animal virology. A somewhat pharmacological diversion appears in Chapter 3, by Kazukiyo Onodera and his colleagues, in which the biological activity of the damavaricin C derivatives is discussed. This chapter provides a link between the biochemical and the chemotherapeutic approach in cellular virology. Yet another specialist area is covered in Chapter 4 by Otto Schmidt and hneke Schuchmann-Feddersen, who discuss the role of virus-like particles in para site-host interactions of insects. Contributing a strong biomedical emphasis to the volume is the provocative chapter by Abraham Karpas on human leukemia and retroviruses.

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