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Z-DNA. See DEOXYRIBONUCLEIC ACID.

Zaliv-Terpeniya virus. Family *Bunyaviridae*, genus *Uukuvirus*. Isolated from ticks in Tyuleniy Island in Patience Bay where there are sea bird colonies. Pathogenic for suckling mice.

Zaysan virus. Family *Togaviridae*, genus *Alphavirus*. Isolated from mosquitoes in the USSR.

Zea mais rhabdovirus. A possible plant *Rhabdovirus*, subgroup 1.

Francki, R.I.B. *et al.* (1985) In *Atlas of Plant Viruses*. Vol. 1. p. 73. CRC Press: Boca Raton, Florida.

Zegla virus. Family *Bunyaviridae*, genus *Bunyavirus*. Isolated from the cotton rat in Central America.

Zika virus. Family *Flaviviridae*, genus *Flavivirus*. Causes fever with rash in man. Isolated from man, monkeys and mosquitoes in several countries in Africa and in Malaya. Rhesus monkeys experimentally infected develop a fever.

Zinga virus. Unclassified arthropod-borne virus. Causes fever in man. Isolated from man and mosquitoes. Antibodies found in rodents, elephants, pigs, buffalo, hartebeest and birds.

Zingilamo virus. Unclassified arthropod-borne virus. Isolated from a bird in the Central African Republic.

Zirqa virus. Family *Bunyaviridae*, genus *Nairovirus*. Isolated from ticks on Zirqa Island in the Persian Gulf.

zonal centrifugation. Centrifugation in a cylindrical or bowl-shaped rotor in which the solutions are in a large central cavity rather than individual tubes or buckets. The zonal rotor is usually used for gradient centrifugation. The gradient is loaded through the core while the rotor is spinning slowly (about 2000 rev/min) and the sample is then loaded and the rotor taken up to speed. The macromolecules separate as concentric rings (zones) in the gradient. The gradient is then unloaded by displacement with a dense solution, usually at slow revolutions, through the core. Used for separating macromolecules in large quantities.

zoonosis. A disease or infection which is naturally transmitted between vertebrate animals and man.

World Health Organisation/FAO Expert Committee on Zoonoses (1959) *Tech. Rept. Series*. No. 169.

zoysia mosaic virus. A *Potyvirus*, occurring in Japan.

Doi, Y. *Personal communication*.

zucchini yellow mosaic virus. A *Potyvirus*. Lisa, V. and Lecoq, H. (1984) *CMI/AAB Descriptions of Plant Viruses* No. 282.

Francki, R.I.B. *et al.* (1985) In *Atlas of Plant Viruses*. Vol. 2. p. 183. CRC Press: Boca Raton, Florida.

zwoggerziekte virus. See MAEDI VIRUS.

zygocactus virus X. A possible *Potexvirus*. Francki, R.I.B. *et al.* (1985) In *Atlas of Plant Viruses*. Vol. 2. p. 159. CRC Press: Boca Raton, Florida.