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J. STENESH

Professor of Chemistry Western Michigan University



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- multilamellar vesicle See vesicle.
- multimer OLIGOMER.
- multiparticle virus COVIRUS.
- multiphasic zone electrophoresis DISC GEL ELEC-TROPHORESIS.
- multiple alleles A group of three or more alternative alleles, any one of which may occur at the same locus on a chromosome.
- multiple binding MULTIPLE EQUILIBRIA.
- multiple codon recognition The binding of a given molecule of tRNA to more than one codon, as postulated by the Wobble hypothesis.
- multiple component virus COVIRUS.
- multiple development A chromatographic technique, used particularly with paper or thinlayer chromatography, in which the sample is developed repeatedly with either the same or different solvents.
- multiple displacement mechanism NONSEQUEN-TIAL MECHANISM.
- multiple equilibria The interactions that occur between the macromolecule that has several binding sites and the ligands that bind to these sites.
- multiple-event curve MULTIHIT SURVIVAL CURVE. multiple factor hypothesis The hypothesis that quantitative traits, such as size and weight, result from the cumulative effect of a group of
 - genes. See also polygene.
- multiple forms of an enzyme A collective term for all the proteins that possess the same enzyme activity and that occur naturally in a single species; includes genetically independent proteins, heteropolymers, genetic (allelic) variants, proteins conjugated with other groups, proteins derived from one polypeptide chain, polymers of a single subunit, and forms differing in conformation.

multiple gene POLYGENE.

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- uncertain but a gene disease occurs. In the ons fail to conduct ease is characterize changes in speech, and MS. Aka demyelination
- multiplet A multiple nuclear magnetic res
- multiplication cycle from the infection of formation of new vir lease from the cell.
- multiplicity See enzy RNA multiplicity; sp
- multiplicity of infection particles that have e fected, cells in a cul number of cells in th of virus particles add the total number of MOI.
- multiplicity reactivation activity of a virus th tion by the simultar cell with this and on viruses. The process change whereby a vi from the undamaged and from otherwiss Abbr MR. See also
- multistep induction the nogenesis according duced as a result of stages. It is believed there are two such motion. Initiation in mutations, and pro pression of these m induction theory.

- old age disease ALZHEIMER'S DISEASE.
- old cells 1. Bacterial cells in the stationary phase of growth. 2. Cells that have been stored for a prolonged time.
- old tuberculin Tuberculin prepared by concentrating and filtering a culture of the tubercle bacillus, Mycobacterium tuberculosis. Abbr OT.
- old yellow enzyme A flavoprotein from yeast that catalyzes the oxidation of NADPH and that was isolated in 1932 by Warburg and Christian.
- oleandomycin An antibiotic, produced by Streptomyces antibioticus, that is closely related to erythromycin.
- olefin An unsaturated aliphatic hydrocarbon; an alkene.
- oleic acid An unsaturated fatty acid that contains 18 carbon atoms and one double bond. See also promoter.
- oleophilic HYDROPHOBIC.

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- oleophobic HYDROPHILIC.
- oleosome A spherosome that is rich in lipids but devoid of acid phosphatase and other hydrolytic enzymes.
- Olestra Trademark for a synthetic fat substitute not yet approved by the FDA.
- oligodynamic effect The growth inhibitory effect of some metals (such as silver and copper) in their elementary form on bacteria; tested for by placing a metal disk on a freshly inoculated petri plate and measuring the zones of nongrowth surrounding each disk after incubation.
- oligogene A gene that, by itself, produces a significant phenotypic effect as opposed to a polygene which, by itself, produces only a small effect.
- oligomer A protein molecule that consists of two or more polypeptide chains, referred to as either monomers or protomers, linked together covalently or noncovalently. See also

- drate that consists of from 2 to charide units joined by means of bonds.
- oligosaccharin One of a group of p tory molecules. They differ from mones, which have multiple effe each one regulates only a single pl such as defense against disease, production, or differentiation. O ins are fragments of the cell wa from the latter by enzymatic action
- oligotrophic lake A deep and clear having a depth of 15 m or more plant population at various depth has a low rate of nutrient supply is its volume of water. In such a lat biomass and the productivity ar bottom layers of the lake are sat dissolved oxygen throughout the also eutrophic lake; mesotrophic
- O-linked oligosaccharides See glyco O-locus The locus of the operator -oma Suffix meaning tumor.
- -OMe Methoxy group.
- omega angle The torsion angle that rotation about the C¹—N pepti proteins. Sym ω.
- omega fraction CHYLOMICRONS.
- omega loop A polypeptide chain c in globular proteins that is shap Greek letter omega. A loop is a segment of a polypeptide chain, upon itself, and defined in term segment length, (b) absence of re dary structure, and (c) distance b ment termini.
- omega oxidation An oxidative path acids in which the terminal meth the fatty acid (usually one cont carbon atoms) is oxidized first to group and then to a carboxyl group to the formation of a dicarboxy