

# SCIENTIA INTERNATIONAL

## NOVAS DEL MENSE IN INTERLINGUA

**Armamentos.** — Multes del "armas biologic" que es currentemente studiate e mesmo fabricate e thesaurisate per varie nationes (incluse le Statos Unite) es capace a initiar afflictiones cuje eradication es de post seculos le passionate objective del medicos e del medicina. Le existencia de tal armas biologic, e etiam de multe armas chimic, pone pro le medicina (e frequentemente pro le medico individual) grave problemas moral. Iste ideas es elaborate in detalio in un articulo in le *Jornal Medical del Nove Anglaterra* per Drs. V. W. Sidel e R. M. Goldwyn del Universitate Harvard qui ambe es inter le funcionarios de un organisation cognoscite como Medicos pro Responsabilitate Social.

**Biochimia.** — Dr. G. P. Katsyannis del Laboratorios National Brookhaven ha synthetisate insulina human. Isto es le tertie proteina reproducite in le laboratorio e, inter illos, le prime human. Currentemente, nulle demanda practic existe pro synthetic insulina human, sed il es ben possibile que isto va non semper remaner ver, e — in omne caso — le successo de Dr. Katsyannis es de grande signification ab le puncto de vista del recerca fundamental.

Pro information in re Interlingua e su utilisation practic como etiam su bases theoretic, adressar se per favor a: Science Service, Division de Interlingua / 80 East Eleventh Street / New York, N. Y. 10003 / U.S.A.

merita le entusiasmo que es a vices accordate a illos, viste que (1) le mortalitate post-operatori associate con illos es alte (37 pro cento intra un anno) e etiam proque (2) lor introduction es multo recente, de maniera que nihil es cognoscite quanto a lor comportamento a longe termino. Le protagonistas de prostheses artificial argue que metallos e plasticos pote esser seligite assecurante le evitation de omne "rejection biologic" (que es, admittitemente, un problema non facile a resolver).

**Jornalismo.** — In India, 56 jornales redigite in anglese esseva registrate in le anno 1964.

**Psychologia.** — In un del laboratorios psychologic del Universitate California, acido ribonucleic esseva extrahite ab vermes planarian e injicite in alteres, con le condition special que le donatores habeva essite subiecte a un trainamento a reflexo conditionate durante que le recipientes habeva remanite exempte ab omne tal trainamento. Le recercatores reporta que le recipientes acquireva, con le acido ribonucleic, le capacitate de "obedir al instrucciones apprendite" per le donatores. Simile conclusiones ha previemente essite reportate, sed le studios al Universitate California pare haber essite plus meticulose e critic que ulles in le passato.

**Recercas de Cancere.** — Experimentos con muses pare indicar que virus de leucemia pote transir ab le matre ad in su prole via le placenta.

**Statistica Demographic.** — In 1965, circa 68 milliones residentes statounitese habitava areas suburban, durante que le numero total del habitantes de citates amontava a circa 61 milliones. In 1962, le pais habeva 58 milliones residentes urban e 55 milliones suburbanos. Iste cifras esseva reportate per le director-gerente del Instituto pro le Studio de Terrenos Urban.

**Virologia.** — Il existe un numero de reportos del discoperta de virus in le tissus neural de animales suffrente de chronic morbos del systema nervose. Nunc, cautemente, recercatores al Universitate Pennsylvania reporta que illes crede haber facite un correspondent constation in specimenes de necroptic tissus cerebral ab un patiente human, i.e., specificamente, ab un puera de novem annos de etate qui suffreva de subacute encephalitis sclerotisante. Le recercatores, utilisante un microscopio electronic, ha trovate in le cytoplasma del astrocytos in le materia blanc del cerebro lo que illes describe como "particulas virusoide". Le prova definitive que il se tractava de ver virusos remane a establir, e si ille prova pote esser establite, isto non significara que on pote, sin evidentia additional, incriminar le virus in le causation del morbo del patiente.

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## Questions

**ARCHAEOLOGY**—What particular features of the submarine *Asherah* make it particularly useful in underwater excavation? p. 106.

**MEDICINE**—Which parainfluenza viruses are believed to be causes of the common cold? p. 103.

**PSYCHOLOGY**—When do symptoms in children caused by maladjustments of parents become most pronounced? p. 105.

**PUBLIC HEALTH**—What new nutritious food will soon be distributed to children in developing countries? p. 104.

**SOCIOLOGY**—How may a long-term solution to famine be provided? p. 102.

**TECHNOLOGY**—How does the Visotactor translate images into electromechanical vibrations? p. 99.

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