

## BOEKBESPREKINGS : BOOK REVIEWS

## SIMPOSIUM OOR RADIO-ISOTOPE

*Radioisotopes in Medicine: In Vitro Studies.* Proceedings of a symposium held at the Oak Ridge Association Universities, November, 1967. Ed. by R. L. Hayes, Ph.D., F. A. Goswitz, M.D. and B. E. P. Murphy, M.D., Ph.D. Pp. xiii + 753. Illustrated. \$3.00. Oak Ridge, Tennessee: US Atomic Energy Commission. 1968.

Waar 300 deskundiges van 12 lande deelneem aan 'n simposium oor hul spesiale vakgebied, kan verwag word dat puik voor- drage oor die jongste kennis en ondervinding sal opduik. Die boek is as volg verdeel: proteïenverbinding studies en radio- ontleding; aktivering ontleding en sitologiese en chromosoom radioaktiewe studies. Die laaste deel handel hoofsaaklik oor outoradiografie en die uiters belangrike allergiese reaksies teen selle en fagositose wat vir die eerste keer as 'n aparte onder- werp op radio-isotope studiegebied by 'n simposium bespreek is. Dit kan van die grootste belang vir weefseloortplanting in die toekoms wees.

Elke bioloog, biochemikus, fisioloog en geneesheer sal sekere dele van die boek met groot belangstelling en genot lees. Die drukwerk en tegniese samestelling is eersteklas maar dit is jammer dat dit 'n sagte omslag het. C.J.B.M.

## ALLERGIE- EN IMMUNITEITS-NAVORSING

*Biochemistry of the Acute Allergic Reactions.* A symposium organized by the Council for International Organizations of Medical Sciences (established under the joint auspices of UNESCO and WHO). Ed. by K. F. Austen and E. L. Becker. Pp. xii + 340. Illustrated. £3.7.6. Oxford: Blackwell Scientific Publications. 1968.

Hierdie boek weergee referate en besprekings wat in Junie 1967 gelewer is by 'n simposium gereël deur 'n W.G.O.- liggaam, die Raad vir Internasionale Organisering van Mediese Wetenskappe. Dit handel veral oor die kinetika van anafilakse- biochemie en histamien-loslating uit weefsel. Dit is 'n boek wat, tipies van ons eeu van superspesialisasie, bedoel is vir die spesialis in die veld van gespesialiseerde allergie- en immuniteits-navorsing.

Drie-en-dertig deelnemers lewer 19 referate oor veral dier- eksperiment-bevindinge. Die belang van homositotropiese anti- liggeme (waarskynlik  $\gamma$ E-globuliene) en heterositotropiese anti- liggeme word herhaaldelik bespreek meestal in die lig van hulle uitwerking op mas-selle ('mast cells'). Die eerste stadium in die loslating van vasoaktiewe stowwe uit mas-selle is 'n energie-afhanklike degranulasie-proses wat sterk beïnvloed word deur pH afwykings, hitte,  $Ca^{++}$ -konsentrasie, suurstof- gebrek en metaboliese inhibitore. Die rol van vrygestelde his- tamien word beter verstaan as dié van heparien en ensiemes soos die proteases. Histamien-loslating uit ander selle soos leukosiete en trombositote word kortliks bespreek, en die variërende reaksie in verskillende diersoorte beklemtoon. Na iedere referaat volg 'n bespreking van die behandelde onder- werp. 'n Finale opsomming by elke referaat sou van groot waarde gewees het vir diene wat nie gespesialiseerde kennis in die veld het nie, maar uit belangstelling die boek deurblaai. F.P.R.

## THE SICK CHILD

*The Child and his Symptoms.* A comprehensive approach. 2nd ed. By J. Apley, M.D., F.R.C.P., J. P. and R. MacKeith, D.M., F.R.C.P. Pp. xv + 299. £2.2.0. Oxford: Blackwell Scientific Publications. 1968.

This is a lively textbook of non-urgent, non-dramatic, non-'hexose-6-phosphate' paediatrics. The authors consider the impact of sickness and distress on the child and his family. The text, supported by a 300-item bibliography and illustrated by many case histories, is at its best in dealing with doctor- child-parent interactions, advice and management. Hospital- based, 'clever' interviewing must needs replace the insight derived from home visits, a deficiency in an otherwise good, kind and comprehensive text. New chapters on crying and poor sleep are competent but lack any new or shrewd insights. S.L.

## BRONGUSKARSINOOM

*Bronchial Carcinoma.* Deur B. T. le Roux, Ch.M., F.R.C.S.E. Pp. xii + 143. £1.16.10. Edenburg en Londen: E. & S. Livingstone. 1968.

Die boek is saamgestel uit hoofstukke waarvan etlike as aparte artikels reeds in mediese tydskrifte gepubliseer is.

Die grootste bate van die werk lê daarin dat dit 'n merk- waardige, bykans volledige rekord is van die behandeling van bronguskarsinoom deur lede van 'n chirurgiese eenheid wat dieselfde sienswyse gehuldig het oor 'n periode van 15 jaar. Vierduisend gevalle van karsinoom van die brongus is ontleed ten opsigte van die voorkoms en kliniese verloop en die invloed van ouderdom, histologiese seltipe en chirurgiese behandeling in geselekteerde gevalle op die prognose.

Die meeste van die gevolgtrekkings stem ooreen met dié wat reeds in die literatuur beklemtoon is. 'n Interessante bewering egter, en een wat deur die skrywer gestaaft word, is dat die oorlewingsyfer van pasiënte op wie 'n pulmonale reseksie gedoen is vir karsinoom met 'n bykomstige pleurale effusie sonder pleurale uitsaaiings, dieselfde is as die oor- lewingsyfer van dié sonder 'n pleurale effusie.

Tot 'n mate word daar afbreuk gedoen aan die werk deur 'n skaarste aan verwysings na die literatuur en die algehele afwesigheid van illustrasies.

Die boek is veral van waarde vir die nagraadse student en as sulks kan dit aanbeveel word vir sowel chirurgie as inter- niste. P.M.B.

## FACIAL GROWTH

*The Human Face.* An account of the postnatal growth and development of the craniofacial skeleton. By D. H. Enlow, Ph.D. Pp. xv + 303. Illustrated. \$20.00. New York: Hoeber Medical Division, Harper & Row. 1968.

Dr Enlow is no stranger to the world of facial growth and bone development, as is shown by the vast number of articles he has contributed to various journals, mainly anatomical and orthodontic. He is also the author of the scholarly *Principles of Bone Remodelling* which he wrote in 1963. *The Human Face* embodies many of his previous writings and enlarges on them, maintaining always a fundamental approach to this particular area of study.

The first section is devoted to basic concepts of growth of cartilage and of bone, and to straightforward explanations of skeletal morphogenesis, including bone remodelling, area relocation, cortical drift and the V-principle of bone growth. Section 2 deals with each bone separately in its growth, and also includes the comparative morphogenesis of the macaca and rhesus monkeys. The final chapters on cephalometry are written by Dr Stuart Hunter. They are really excellent and serve the important function of marrying theory with practice.

This is an erudite book, written by a knowledgeable author, in a clear and highly interesting manner. It should be read by all interested in facial development. C.B.

## NOISE AND MAN

*Noise and Man.* By W. Burns, C.B.E., M.B., Ch.B., D.Sc. Pp. x + 336. Illustrated. £2.10.0. London: John Murray. 1968.

Man's gregariousness, increasing industrialization and mecha- nization combine to produce acute problems today which were not even heard of half a century ago. Noise or unwanted sound is one of these problems. It affects people both in health and in disease, and may cause deafness and injury. Written by a physiologist, this new book covers all aspects of noise and its influence on man.

In relation to its subject, physics, physiology, psychology, medicine and engineering are discussed. The text is very up to date, covering aircraft noise, sonic booms, ultrasound, low- frequency noise, etc. There is a wealth of very clear illustra- tions, graphs and diagrams. This book is of particular interest to all who are concerned in combating noise and preserving hearing, and it is highly recommended. L.D.C.