

Contents

Introduction to One Medicine. A Festschrift for Kurt Benirschke.
O. A. RYDER and M. L. BYRD 1

1 Human Morbidity and Mortality Associated with Observations
of Pathologic Placentas. G. P. ALTSHULER. With 4 Figures 4

2 Autopsy Following Stillbirth: a Challenge Neglected.
S. G. DRISCOLL 20

3 Testis Size, Ovulation Rate, and Breast Cancer. R. V. SHORT.
With 1 Figure 32

4 The Endocrinology of Menopausal Hot Flashes. H. L. JUDD.
With 9 Figures 45

5 Biological Activity and Mechanisms of Action of Somato-
crinin, Growth Hormone Releasing Factor, on the Release of
Growth Hormone in Vitro and its Antagonism by Somato-
statin. P. BRAZEAU, N. LING, P. BÖHLEN, F. ESCH, S. Y. YING,
C. MOUGIN, and R. GUILLEMIN. With 6 Figures 56

6 The Fetal Adrenal – One Man’s Approach. B. L. LASLEY 73

7 Isolated Aortic Stenosis with Fetus Papyraceus: a New
Vascular Disruptive Anomaly. C. KAPLAN. With 4 Figures 77

8 Fetal Hydrops in Chromosome Disorders as Principle of
Damage in Developmental Pathology Clinical Observations in
Man and Experimental Studies in the Mouse. A. GROPP.
With 9 Figures 84

9 Chromosomes of the Golden Mouse, *Ochrotomys nuttalli*
(Harlan) (Rodentia, Cricetidae). L. VIDAL-RIOJA and T. C. HSU.
With 3 Figures 96

10 The Chromosomes of Cuvier’s Gazelle.
A. T. KUMAMOTO and M. H. BOGART. With 6 Figures 101

11 Evolutionary Pathway of Chromosomes of the Capricornis.
H. SOMA and H. KADA. With 8 Figures 109

12	Molecular Cytogenetics of the Equidae: III. Cytological Localization of Heterochromatin and Satellite DNA in Hartmann's Mountain Zebra, <i>Equus zebra hartmannae</i> (Matschie, 1898). O. A. RYDER. With 6 Figures	119
13	Pathology Survey of the Red Panda (<i>Ailurus fulgens</i>). R. J. MONTALI, M. ROBERTS, R. A. FREEMAN, and M. BUSH. With 6 Figures	128
14	Clinical Anatomy of the Head and Neck of the Llama, <i>Lama glama</i> . M. E. FOWLER. With 9 Figures	141
15	Idiosynkrasie bei Zootieren. H. DATHE. With 3 Figures	150
16	The Pacarana, <i>Dinomys branickii</i> . D. A. MERITT, Jr.	154
17	Primate Breeding in Zoos: A Ten Year Summary. D. G. LINDBURG, J. M. BERKSON, and L. K. NIGHTENHELSE	162
18	The Great Indian Rhinoceros (<i>Rhinoceros unicornis</i>). D. RÜEDI. With 30 Figures	171
19	Choice as a Biological Optimum. J. A. PHILLIPS. With 2 Figures	191
20	The Effects of Prenatal Diethylstilbestrol Exposure on the Genital Tracts of Fetuses and Neonates (<i>Cebus apella</i> , <i>Macaca mulatta</i> , and <i>Homo sapiens</i>). L. D. JOHNSON. With 26 Figures	197
21	Yersiniosis: A Review and Report of an Epizootic in Non-human Primates. H. M. MCCLURE and F. A. KING. With 7 Figures	217
22	Talc Peritonitis and Salpingo-Oophoritis in the Absence of Surgical Intervention: Report of Two Cases with 12-Year Follow-up. F. NAFTOLIN, K. BENIRSCHKE, K. GRIFFITHS, W. HENDERSON, and B. VOLCANI. With 17 Figures	242
23	Control and Prevention of African Trypanosomiasis: Strategies Designed to Overcome Antigenic Variation. C. E. DAVIS, G. BALLON-LANDA, D. R. GODDARD, S. L. REED, and M. E. M. COLMERAUER. With 4 Figures	259
24	Comparative Pathological Investigations of Thyroid Tumors of Animals in Zoos and in the Wild. R. IPPEN and G. P. WILDNER. With 9 Figures	280
25	Malignant Catarrhal Fever in Wild Ruminants. W. P. HEUSCHELE, J. OOSTERHUIS, M. P. ANDERSON, M. SWANSEN, and H. R. FLETCHER	296

26	How Nephron Heterogeneity Abets the Concentration of Mammalian Urine. H. VALTIN. With 3 Figures	309
27	Biliverdin in Biological Systems. C. E. CORNELIUS	321
28	Basset Hound Hereditary Thrombopathy: an Autosomally, Recessively Inherited Platelet Dysfunction with 11 Cases in a Kindred of 56 Dogs. T. G. BELL, R. W. LEADER, P. M. OLSON, G. A. PADGETT, J. A. PENNER, and W. R. PATTERSON. With 2 Figures	335
29	Human-Animal Bond and One Medicine. L. K. BUSTADT and L. B. CORBEIL	345
	Scientific Papers of Kurt Benirschke	353
	Subject Index	371