Anaesthesiology
Stability of cardiodynamic and some blood parameters in the baboon following intravenous anaesthesia with ketamine and diazepam. ............................................................ 18
Observations on the use of midazolam for sedation, and induction of anaesthesia with midazolam in combination with ketamine in the goat. ............................................................ 89

Avian (poultry, ostriches, cage birds)
Urinary excretion of diethylstilbestrol in the ostrich. ............................................................ 57
Viruses and virus-like particles identified in ostrich gut contents. ........................................ 74
Versterennema struthionis in ostriches: is there an association with peritonitis? .... 118

Bacterial, mycoplasmal and fungal diseases/bacteriology
An outbreak of urticarial form of swine erysipelas in a medium-scale piggery in Kiambu District, Kenya 61
The zoonotic importance of Mycobacterium tuberculosis: transmission from human to monkey. 64
Tuberculosis in Kafue lechwe (Kobus leche kafuensis) and in a bushbuck (Tragelaphus scriptus) on a game ranch in Central Province, Zambia. ............................................................ 98
Occurrence of dermatomycosis (ringworm) due to Trichophyton verrucosum in dairy calves and its spread to animal attendants 172

Clinical pathology
The effect of endotoxin and anti-endotoxin serum on synovial fluid parameters in the horse................................. 7
Hyperreninaemic hypoaldosteronism in a dog ........................................................................ 33
Chylothorax in a cat ............................................................................................................. 118
Treatment of heartwater: potential adverse effects of furosemide administration on certain homeostatic parameters in normal sheep .................................................................................. 129
Perioperative plasma cortisol concentration in the horse ...................................................... 137
Clinico-pathological studies in cattle experimentally infected with Taenia saginata eggs 156

Genetics
Genetic markers in the blood of animals: a historical review ........................................ 4
Genetic analysis of three South African horse breeds .......................................................... 120

Medicine
Targeted radiotherapy with Sm-153-EDTMP in nine cases of canine primary bone tumours 12
Osteitis of the apex of the third phalanx following foot trimming in a dairy cow 23
Hyperreninaemic hypoaldosteronism in a dog ............................................................... 33
An outbreak of urticarial form of swine erysipelas in a medium-scale piggery in Kiambu District, Kenya 61
A case of ovine lymphosarcoma in Kenya.................................................................... 105
Clinical aspects of an outbreak of papillomatous digital dermatitis in a dairy cattle herd 112
Chylothorax in a cat ............................................................................................................. 118
Treatment of heartwater: potential adverse effects of furosemide administration on certain homeostatic parameters in normal sheep .................................................................................. 129
Occurrence of dermatomycosis (ringworm) due to Trichophyton verrucosum in dairy calves and its spread to animal attendants 172

Nutrition
The effect of dietary protein on reproduction in the mare. V. Endocrine changes and conception during the early post partum period ........................................................................................................ 81
The effect of dietary protein on reproduction in the mare. VI. Serum progesterone concentrations during pregnancy 143
The effect of dietary protein on reproduction in the mare. VII. Embryonic development, early embryonic death, foetal losses and their relationship with serum progesterone ........................................... 150

Parasitology
Versterennema struthionis in ostriches: is there an association with peritonitis? .................. 118
Clinico-pathological studies in cattle experimentally infected with Taenia saginata eggs 156

Pathology
Datura seed intoxication in two horses ........................................................................ 27
Acute Lantana camara poisoning in a Boer goat kid ..................................................... 30

Recovery of *Sarcocystis* oocysts from a free-ranging wild dog (*Lycaon pictus*) ............................................................... 42
Prevalence of gastro-oesophageal ulcers in grower-finisher pigs in the Northern Province of South Africa .................................................. 59
Occurrence of coccidia in a mixed herd of sheep and goats at Nebo, Northern Province, South Africa .................................................. 93
A case of ovine lymphosarcoma in Kenya .................................................. 105
*Versternema struthionis* in ostriches: is there an association with peritonitis? .................................................. 118
Clinico-pathological studies in cattle experimentally infected with *Taenia saginata* eggs .................................................. 156
Malignant fibrous histiocytoma of the deep peri-articular tissue of the stifle in a dog .................................................. 163

**Pharmacology**
Stability of cardiodynamic and some blood parameters in the baboon following intravenous anaesthesia with ketamine and diazepam .................................................. 18
Psychogenic alopecia in a cat: response to clomipramine .................................................. 22
Lack of susceptibility of *Ehrlichia canis* to imidocarb dipropionate *in vitro* .................................................. 55
Urinary excretion of diethylstilbestrol in the ostrich .................................................. 57
Observations on the use of midazolam for sedation, and induction of anaesthesia with midazolam in combination with ketamine in the goat .................................................. 89
Ketamine hydrochloride - an adjunct for analgesia in dogs with burn wounds .................................................. 95
Treatment of heartwater: potential adverse effects of furosemide administration on certain homeostatic parameters in normal sheep .................................................. 129
Antimicrobial selection, administration and dosage .................................................. 174

**Protozoal diseases**
Recovery of *Sarcocystis* oocysts from a free-ranging wild dog (*Lycaon pictus*) .................................................. 42
Occurrence of coccidia in a mixed herd of sheep and goats at Nebo, Northern Province, South Africa .................................................. 93

**Radiology**
Targeted radiotherapy with Sm-153-EDTMP in nine cases of canine primary bone tumours .................................................. 12
Elbow dysplasia in the dog: pathophysiology, diagnosis and control .................................................. 43
Malignant fibrous histiocytoma of the deep peri-articular tissue of the stifle in a dog .................................................. 163

**Reproduction**
The effect of dietary protein on reproduction in the mare. V. Endocrine changes and conception during the early post partum period .................................................. 81
The effect of dietary protein on reproduction in the mare. VI. Serum progestagen concentrations during pregnancy .................................................. 143
The effect of dietary protein on reproduction in the mare. VII. Embryonic development, early embryonic death, foetal losses and their relationship with serum progestagen .................................................. 150

**Rickettsial diseases**
Lack of susceptibility of *Ehrlichia canis* to imidocarb dipropionate *in vitro* .................................................. 55
Serological survey for antibodies reactive with *Ehrlichia canis* and *E. chaffeensis* in dogs from the Bloemfontein area of South Africa .................................................. 126

**Surgery**
Atypical dermoid sinus in a chow chow dog .................................................. 102
Parotid duct laceration repair in two horses .................................................. 108
Perioperative plasma cortisol concentration in the horse .................................................. 137
Malignant fibrous histiocytoma of the deep peri-articular tissue of the stifle in a dog .................................................. 163

**Toxicology**
*Datura* seed intoxication in two horses .................................................. 27
Acute *Lantana camara* poisoning in a Boer goat kid .................................................. 30

**Veterinary ethology and demography**
Psychogenic alopecia in a cat: response to clomipramine .................................................. 22

**Veterinary public health/community health**
The zoonotic importance of *Mycobacterium tuberculosis*: transmission from human to monkey .................................................. 64
Occurrence of dermatomycosis (ringworm) due to *Trichophyton verrucosum* in dairy calves and its spread to animal attendants .................................................. 172
Serological survey for antibodies reactive with *Ehrlichia canis* and *E. chaffeensis* in dogs from the Bloemfontein area of South Africa .................................................. 126

**Virology**
Procedures for the diagnosis of virus particles by electron microscopy .................................................. 2
Viruses and virus-like particles identified in ostrich gut contents .................................................. 74
Mokola virus infection: description of recent South African cases and review of the virus epidemiology .................................................. 169

**Wildlife/exotic animals**
Recovery of *Sarcocystis* oocysts from a free-ranging wild dog (*Lycaon pictus*) .................................................. 42
The zoonotic importance of *Mycobacterium tuberculosis*: transmission from human to monkey .......................................................... 64
Tuberculosis in Kafue lechwe (*Kobus leche kafuensis*) and in a bushbuck (*Tragelaphus scriptus*) on a game ranch in Central Province, Zambia .......................................................... 98

**Continuing education**
Antimicrobial selection, administration and dosage .......................................................... 174

**Inaugural address**
Healthy animals: safe products: a healthier community .......................................................... 66

**Obituary**
Henri Pieter Albert de Boom .......................................................... 185

**SAVA awards**
1997 .......................................................... 36

**Book reviews**
Developing a procedures manual for your veterinary clinic .......................................................... 3
The mammal guide of southern Africa .......................................................... 21
Proceedings of a symposium on lions and leopards as game ranch animals .......................................................... 32
International aquatic animal health code (2nd edn) and Diagnostic manual for aquatic animal diseases (2nd edn) .......................................................... 88
Human-livestock interactions - the stockperson and the productivity and welfare of intensively farmed animals .......................................................... 92
Genetic resistance to animal diseases .......................................................... 101
Ethnoveterinary research and development .......................................................... 104
Contamination of animal products: prevention and risks for public health .......................................................... 111
Comprehensive reports on technical items presented to the International Committee or to regional commissions .......................................................... 116
Veterinary laboratories for infectious diseases .......................................................... 125