

## 9 Literaturverzeichnis

AKHTER, N., MOHAMMAD, I. R., MIRBAHAR, K. B., MEMON, M. I. et SOOMRO S. A. (2001):

Prevalence of helminthiasis in buffaloes in cattle colony Hyderabad  
On Line Journal of Biological Sciences 1, S. 158-159

ALBONICO, M., CROMPTON, D. W. T. et SAVIOLI, L. (1999):

Control strategies for human intestinal nematode infections  
Adv Parasitol 42, S. 277- 341

ALLAN, V. (1995):

Membrane traffic motors  
FEBS Letters 369, S. 101- 106

ALVAREZ, L. I., SANCHEZ, S. F. et LANUSSE, C. E. (1999):

In- vivo and ex- vivo uptake of albendazole and albendazole sulphoxide metabolite by cestode parasites: relationship with their kinetic behaviour in sheep  
J Vet Pharmacol Therap 22, S. 77- 86

ALVAREZ, L. I., IMPERIALE, F., SANCHEZ, S. F., MURNO, G. et LANUSSE, C. E. (2000):

Uptake of albendazole and albendazole sulphoxide by *Haemonchus contortus* and *Fasciola hepatica* in sheep  
Vet Parasitol 94, S. 75-89

ALVAREZ, L. I., MOTTIER, M. L., SANCHEZ, S. F. et LANUSSE, C. E. (2001):

Ex vivo diffusion of albendazole and its sulfoxide metabolite into *Ascaris suum* and *Fasciola hepatica*  
Parasitol Res 87, S. 929- 934

ANDERSON, H. R. et FAIRWEATHER I. (1995):

*Fasciola hepatica*: ultrastructural changes to the tegument of juvenile flukes following incubation in vitro with the deacetylated (amine) metabolite of diamphenethide

Int J Parasitol 25, S. 319-33

ARMOUR, J. (1980):

The epidemiology of helminth disease in farm animals

Vet Parasitol 6, S. 7- 46

ARUNDEL, J. H. (1986):

Cestode infections of domestic animals

Chem Parasit Dis 11, S. 479- 494

ASADO, N., PEREZ- SERRANO, J., DENEGRI, G. et RODRIGUEZ- CAABEIRO, F. (1996):

Development of a chemotherapeutic model for the in- vitro screening of drugs against *Echinococcus granulosus* cysts: the effects of an albendazole- albendazole sulfoxide combination

Int Parasitol 26, S. 59- 65

ATKINSON, C., NEWSAM, R. J. et GULL, K. (1980):

Influence of the microtubule agent, mebendazole, on the secretory activity of intestinal cells of *Ascaridia galli*

Protoplasma 105, S.69- 76

AVADI, M. R., JALALI, A., SASEGHI, A. M., SHAMIMI, K., BAYATI, K. H. NAHID, E., DEHPOUR A. R. et RAFIEE- TEHRANI, M . (2005):

Diethyl methyl chitosan as an intestinal paracellular enhancer: ex vivo and in vivo studies

Internat Pharm 11, S. 83-89

- AWASTHI, A., MEHROTRA, S., BHAKUNI, V., DUTTA, G. P., LEVY, H. B. et MAHESHWARI R. K. (1997):  
Poly ICLC enhances the antimalarial activity of chloroquine against multidug-resistant *Plasmodium yoelii nigeriensis* in mice  
J Interferon Cytokine Res 17, S. 419- 423
- BARROWMAN, M. M., MARRNER, S. E. et BOGAN, J. A. (1984):  
The binding and subsequent inhibition of tubulin polymerization in *Ascaris suum* (in vitro) by benzimidazole anthelmintics  
Biochem Pharm 33, S. 3037-3040
- BAUER, C., HERMOSILLA C. et ÇIRAK V.Y. (1996):  
Wirksamkeit von Closantel gegen *Fasciola hepatica* und *Haemonchus contortus*  
Prakt. Tierarzt 77, S. 917- 922
- BECKER, B., MEHLHORN, H., ANDREWS, P., THOMAS, H. et ECKERT, J. (1980)  
Light and electron microscopic studies on the effect of praziquantel on *Schistosoma mansoni*, *Dicrocoelium dentriticum*, und *Fasciola hepatica*  
Z Parasitenkd. 63, S. 113- 128
- BEHRENS, GANTER und HIEPE (2001):  
Lehrbuch der Schafkrankheiten, 4. Aufl.  
Verlag Parey, Berlin und Hamburg., S.203
- BENNET, C. E. (1975):  
Surface features, sensory structures, and movement of the newly excysted juvenile *Fasciola hepatica*  
J Parasitol 61, S. 886- 891
- BETHGE, H. et HEYDENREICH (1992)  
Elektronenmikroskopie in der Festkörperphysik  
VEB Deutscher Verlag der Wissenschaften: Berlin

BOEHRINGER INGELHEIM VETMEDICA GMBH (1996):

Fachinformationen Diplin®

Boehringer Ingelheim Vetmedica GmbH, Ingelheim am Rhein

BOGITSH, B. J. et CARTER, O. S. (1977):

*Schistosoma mansoni*: ultrastructural studies on the esophageal secretory granules

J Parasitol 63, S. 681- 686

BORAY, J. C. (1969):

Experimental fascioliasis in Australia

Adv Parasitol 7, S. 95- 210

BORAY, J. C., CROWFOOT, P. D., STRONG M. B., ALLISON, J. R.,  
SCHELLENBAUM, M., VON ORELLI, M. et SARASIN, G. (1983)

Treatment of immature and mature *Fasciola hepatica* infections in sheep with triclabendazole

Vet. Rec. 113, S. 315- 317

BORAY, J. C. (1985):

Flukes of domestic animals in: GAAFAR S.M., HOWARD W.E. et MARSH R.E.:  
Parasites, Pests and Predators

Verlag Elsevier, Amsterdam, Oxford, New York, Tokyo. S. 179- 218

BORAY, J. C. (1986):

Trematode infections of domestic animals

In Chemotherapy of Parasitic Diseases, S. 401- 425

BORAY, J. C. (1990):

Drug resistance in *Fasciola hepatica*

In: Boray J. C., Martin P. J., Roush R. T. (eds): Resistance of parasites to antiparasitics drugs

MSD AGVET, Rahway, N. J., S. 51- 60

BORAY, J. C. et FAIRWEATHER, I. (1999):

Fasciolides: efficacy, actions, resistance and its management  
Vet Journal 158, S. 81- 112

BORGERS, M., DENOLLIN, S., DEBRABANDER, M. et THIENPONT, D. (1975):

Influence of the anthelmintic mebendazole on microtubules and intracellular organelle movement in nematode intestinal cells  
Am J Vet Res 42, S. 1061- 1064

BOULARD, C., BOUVRY, M. et ARGENTE, G. (1985):

Comparaison de la détection des foyers de fasciolose par test ELISA sur lactosérum et sérum et par coproscopie  
Ann Rech Vet 16, S. 363- 368

BOUVRY, M. et RAU, M. E. (1986) :

Seasonal variations in egg passage of *Fasciola hepatica* in dairy cows in Quebec  
Vet Parasitol 22, S. 263- 273

BRAUN, U., R. WOLFENBERGER et H. HERTZBERG (1995):

Diagnosis of liver flukes in cows – a comparison of the findings in liver, in the feces, and in the bile  
Schweiz Arch Tierheilk 137, S. 438- 444

BRICKER, C. S., DEPENBUSCH, J. W., BENNETT, J. L. et THOMPSON, D. P. (1983):

The relationship between tegumental disruption and muscle contraction in *Schistosoma mansoni* exposed to various compounds  
Z Parasitenkd. 69, S. 61- 71

BRYANT, C. et BENNET, E. M. (1983):

Observations on the fumarate reductase system in *Haemonchus contortus* and their relevance to anthelmintic resistance and to strain variations of energy metabolism  
Mol Biochem Parasitol 7 (4), S. 281- 292

BUCHANAN, J. F., FAIRWEATHER, I., BRENNAN, G. P., TRUDGETT, A. et HOEY, E. M. (2002):  
*Fasciola hepatica*: surface and internal tegumental changes induced by treatment in vitro with the sulphoxid metabolite of albendazole (‘Valbazen’)  
Parasitology 126, S. 141- 153

BÜSCHER, G., BOWEN, F. L., STRONG, M. B., CROAFOOT, P. D. et SAUNDERS (2004):  
Zur Wirksamkeit von Triclabendazol, seinen Hauptmetaboliten und anderen Substanzen gegen früh- unreife und unreife Stadien von *Fasciola hepatica* bei Schafen  
Großtierpraxis 5, S. 39- 40

CHARBON, J. L., SPÄHNI, M. et WICKI, P. (1991):  
Cellular reactions in the small intestine of rats after infection with *Fasciola hepatica*  
Parasitol Res 77, S. 425- 429

CHRISTENSEN, N., NANSEN P. et FRANSEN, F. (1976):  
The influence of temperature on the infectivity of *Fasciola hepatica* miracidia to *Lymnaea truncatula*  
J Parasitol 62, S. 698- 701

COLES, G. C. (1994):  
Parasite control in sheep  
In Practice 16, S. 309- 318

COMLEY, J. C. (1980):  
Ultrastructure of the intestinal cells of *Aspicularis tetraptera* after in vivo treatment of mice with mebendazole and thiabendazole.  
Internat J Parasitol 10, S.143-50

COURTNEY, C.H. et ROBERSON, E. L. (1995):

Antinematodal Drugs

In ADAMS, R. A. (ed.), *Veterinary Pharmacology and Therapeutics*, 7th Edition.

Iowa State University Press, Ames, S.885-932.

CRAIG, T. M. et HUEY, R. L. (1984):

Efficacy of triclabendazol against *Fasciola hepatica* and *Fascioloides magna* in naturally infected calves

Am J Veterinary Res 45, S.1644-1645

CRAIG, T.M., QURESHI T., MILLER D.K., WADE C.G. et ROGERS J.A. (1992):

Efficacy of two formulations of albendazole against liver flukes in cattle

Am. J. Vet. Res. 53, 1170-1171

DALTON J. P. (1999):

Fasciolosis

University Press, New York

DORCHIES, P., POTHIER, F., NAVETAT, H., BAROUX, D. et CHARRIER L. (1992):

Intérêt du traitement fasciolicide des vaches charolaises par l'albendazole le jour de l'entrée à l'étable

Review Méd. Vét. 143, S. 677-680

DUBEY, J. P., HOOVER, E. A., STROMBERG P. C. et TOUSSANT, M. J. (1978):

Albendazole therapy for experimentally induced *Paragonimus kellicotti* infections in cats

Am J Veterinary Res 39, S. 1027- 1031

DWINGER, R.H., Le RICHE, P.D. et KÜHNE, G.I. (1982):

Fascioliasis in beef cattle in north-west Argentina

Trop Anim Health Prod 14, S.167- 171

- ETGES, D. J. et BOGITSH, B. J. (1985):  
The effect of colchicine on translocation of incorporated [H] proline in *Hymenolepis diminuta*  
J Parasitol 71, S. 290- 296
- FAIRWEATHER I., ANDERSON, H. R. et BALDWIN, T. M. A. (1987):  
*Fasciola hepatica*: tegumental surface alterations following treatment in vitro with descatylated (amine) metabolite of diamphenethide.  
Parasitol Res 73, S. 99- 106
- FETTERER, R., REW, R. S. et KNIGHT R. (1982):  
Comparative efficacy od albendazole against *Fasciola hepatica* in sheep and alves:  
relationship to serum drug metabolite levels.  
Vet Parasitol 11, S. 309- 316
- FRANZ, M., ZAHNER, H. J. et BENTEN, P. (1990):  
Fine- structure alterations in femal *Brugia malayi* and *Litomosoides carinii* after in vivo treatment with flubendazole  
Parasitol Res 76, S. 401- 405
- FREY, H. H. et LÖSCHER, W. (1996)  
Lehrbuch der Pharmakologie und Toxikologie für Veterinärmedizin  
Ferdinand Enkel Verlag Stuttgart, S. 543- 546
- GAASENBEEK, C.P.H., H.J. OVER, N. NOORMAN et W.A. De LEEUW (1992):  
An epidemiological study of *Fasciola hepatica* in the Netherlands  
Vet Quart 14, S. 140-144
- GALTIER, P. et ALVINERIE, M. (1996):  
Pharmacological basis for hepatic drug metablism in sheep  
Vet Res 27, S. 363- 372

- GARDNER, T. B. et HALL, D. R. (2001):  
Treatment of Giardiasis  
Clin Microbiol Rev 14, S. 114-128
- GOLDSTEIN, J. I. et NEWBURY, D.E. (1981)  
Scanning electron microscopy and X- ray microanalysis  
Plenum Press: New York/ London
- GROVE, D.I. (1990):  
A History of Human Helminthology  
CAB International wallingford, UK
- GRÜNDER, H.-D. (1978):  
Leberegelkrankheit (Fasziolose, Hepatitis et Cholangitis fasciolosa)  
in: G. ROSENBERGER (Hrsg.): Krankheiten des Rindes, 2. Aufl.  
Verlag Parey, Berlin und Hamburg. S. 937- 946
- GULL, K., DAWSON, P. J., DAVIS, C. et BYARD, E. H. (1986):  
Microtubules as target organelles for benzimidazole anthelmintic chemotherapy  
Biochemical Society Transactions. 15, S. 59- 60
- GYURIK, R., CHOW, A., ZABER, E., BRUNNER, E., MILLER, A., VILLANI, A.,  
PETKA, L. et PARISH, R. (1981):  
Metabolism of albendazole in cattle sheep, rats and mice  
Drug Metab Disp 9, S. 45- 109
- HANNA, R. E. (1976):  
*Fasciola hepatica*: a light and electron microscope autoradiographic study of  
incorporation of monosaccharides into glycogen and glycoprotein  
Exp Parasitol 39, S. 204- 213
- HAROUN, E. M. et HILLYER G. V. (1986):  
Resistance of fascioliasis – A review  
Vet Parasitol 20, S. 63- 93

HASSLINGER, M. A. (1999):

Parasitologische Diagnostik

in W. KRAFT und U.M. DÜRR (Hrsg.): Klinische Labordiagnostik in der Tiermedizin,  
5. Aufl.

Verlag Schattauer, Stuttgart, New York. S. 112-133

HERMANNNS, W. (1999):

Leber und Gallenwege

in: E. DAHME und E. WEISS (Hrsg.): Grundriß der speziellen pathologischen  
Anatomie der Haustiere, 5. Aufl.

Verlag Enke, Stuttgart. S. 228- 232

HERTZBERG, H., OCHS, H., EBEID, M. et BAUER, C. (2002)

Merkblätter zur Parasitenbekämpfung Rind, Schaf und Ziege

Antiparasitika, Impfstoffe und Hinweise zur planmäßigen Bekämpfung

Version für Deutschland, 3. Auflage (begründet durch J. Eckert, Zürich),

S. 4 und S. 49- 51

HIROKAWA, N., NODA, Y. et OKADA, Y. (1998):

Kinesin and dynein superfamily proteins in organelle transport and cell division

Current Opinion in Cell Biology 10, S. 52- 59

HOCKLEY (1973):

Ultrastructure of the tegument of *Schistosoma*

Adv Parasitol 11, S. 233- 305

HÖRCHNER, F., GRELCK, H. et FLASSHOFF, F. G. (1976):

Zur Diagnostik der Rinderfasciolose

Berl Münch Tierärztl Wschr 89, S. 296- 300

HOFMANN, W. (1992):

Parasitäre Erkrankung

In: HOFMANN, W. (Hrsg.): Rinderkrankheiten, Innere und chirurgische Erkrankungen

Verlag Eugen Ulmer, Stuttgart, S. 257- 282

HOPE CAWDERY, M. J., STRICKLAND, K. L., CONWAY, A. et CROWE P. J. (1977):

Production effects of liver fluke in cattle

In: The effects of infection on liveweight gain, feed intake and food conversion efficiency in beef cattle

Brit Vet J 133, S. 145- 159

HORTON, R. J. (1997):

Albendazole in treatment of human cystic echinococcosis: 12 years of experience

Acta Trop 64, S. 79- 93

HORTON, R. J. (2000):

Albendazole: a review of anthelmintic efficacy and safety in humans

Parasitology 121, S. 113- 132

IRELAND, C. M., GULL, K., GUTTERIDGE, W. E. et POGSON, C. I. (1997):

The interaction of benzimidazole carbamates with mammalian microtubule protein

Biochem Pharm 28, S. 2680- 2682

JANSSEN GMBH, Neuss (1996):

Fachinformationen Flukiver®

Janssen GmbH, Neuss

JOHNS, D. R. et DICKESON, S. J. (1979):

Efficacy of albendazole against *Fasciola hepatica* in sheep

Austr Vet J 55, S. 431- 432

KAMIO, Y., SAITO, Y., UTOGUCHI, N., KONDOH, M., KOIZUMI, N., FUJII, M. et WATANABE, Y. (2005):

Epinephrine is an enhancer of rats intestinal absorption

J Contr Rel 102; S. 563- 568

KAPLAN, R. M. (1994):

Liver flukes in cattle: control based on seasonal transmission dynamics  
Compend contin Educ Pract Vet. 16, S. 687- 693

KATIYAR, S. K., GORDON, V. R., McLAUGHLIN, G. L. et EDLIND, T. D. (1994):

Antiprotozoal activities of benzimidazoles and correlation with  $\beta$ -tubulin sequence  
Antimicrobial Agents Chemoth 38, S. 2086- 2090

KILGORE, R.L., WILLIAMS, M.L., BENZ, G.W. et GROSS, S.J. (1985):

Comparative efficacy of clorsulon and albendazole against *Fasciola hepatica* in cattle  
Am J Vet Res 46, S. 1553-1555

KLUGE, K. et UNGEMACH R. (2000):

Arzneiliche Versorgung Lebensmittel liefernder Tiere: Alle nach EU-Recht erlaubten Wirkstoffe und ihre Zulassung in Deutschland  
Tierärztl. Umsch. 48, Beil.

KNIGHT, R. A. et DICKESON, S. J. (1977):

Albendazole as a fasciolicide in experiemntally infected sheep  
Am J Vet Res 38, S. 807- 808

KRAFT, W., U.M. DÜRR, H. BOSTEDT et K. HEINRITZI (1999):

Leber  
in W. KRAFT und U.M. DÜRR (Hrsg.): Klinische Labordiagnostik in der Tiermedizin, 5.Aufl.  
Verlag Schattauer, Stuttgart, New York. S. 112-133

LACEY, E., BRADY, R., PRICHARD, R. et WATSON, T. (1987):

Comparison of inhibition of polymerisation of mammalian Tubulin and helminth ovisidal activity by benzimidazole carbamates  
Vet Parasitol 23, S. 105- 119

LACEY, E., (1988):

The role of the cytoskeletal protein, tubulin, in the mode of action and mechanism of drug resistance to Benzimidazoles

Internat J Parasitol 18, S. 885- 936

LACEY, E., (1990):

Mode action of benzimidazoles

Parasitol Today 6, S. 112- 115

LACEY, E. et GILL, J. H. (1994):

Biochemistry of benzimidazole resistance

Acta Trop 56, S. 245-262

LACLETTE, J. P., MERCHANT, M. T., WILLMS, K. et CANEDO, L. (1981):

Paracrystalline bundles of large tubules, induced in vitro by mebendazole in *Cysticercus Cellulosae*

Parasitology 83, S. 513- 518

LIPPINCOTT- SCHWARTZ, J. (1988):

Cytoskeletal proteins and Golgi dynamics

Current Opinion in Cell Biology 10, 52-59

LUBEGA, G. et PRICHARD, R. (1991):

Interaction of benzimidazole anthelmintics with *Haemonchus contortus* Tubulin: binding affinity and anthelmintic efficacy

Exper Parasitol 73, S. 203- 209

LUMSDEN, R. D. (1975):

Surface ultrastructure and cytochemistry of parasitic helminths

Exper Parasitol 37, S. 267- 339

LUZON-PENA, M., F.A. ROJO-VAZQUEZ et M. GOMEZ-BAUTISTA (1995):  
Seasonal availability of *Fasciola hepatica* metacercariae in a temperate mediterranean area (Madrid, Spain)  
J. Vet. Med. B 42, S. 577-585

MALONE, J. B., SMITH, P. H., LOYACANO, A. F., HEMBERRY, F. G. et BROCK L. T. (1982):  
Efficacy of albendazole for treatment of naturally acquired *Fasciola hepatica* in calves  
Am J Vet Res 43, S. 879- 881

MALONE, J. B., A.F. LOYACANO, M.E. HUGH-JONES et K.C. CORKUM (1984):  
A three-year study on seasonal transmission and control of *Fasciola hepatica* of cattle in Louisiana  
Prev vet med 3, S. 131-141

MARRINER, S. E. et BOGAN, J. A. (1980):  
Pharmacokinetics of albendazole in sheep  
Am J Vet Res 41, S.1126- 1129

McKELLAR, Q. A. et SCOTT, E. W. (1990):  
The Benzimidazole anthelmintic agents- a review  
J Pharm Therapeut 13, S. 223- 247

McKELLAR, Q. A. et KINBO L. B. (1991):  
The pharmacology of flukicidal drugs  
Brit Vet J 147, S. 306-21

MEANEY, M., FAIRWEATHER, I., BRENNAN, G. P., RAMASAMY, P. et SUBRAMANIAN, P. B. (2002):  
*Fasciola hepatica*: tegumental surface alterations following treatment in vitro with the sulphoxid metabolite of triclabendazole.  
Parasitol Res 88, S. 315- 325

- MEANEY, M., FAIRWEATHER, I., BRENNAN, G. P., Mc DOWELL, L. S. et FORBES, A. B. (2003):  
*Fasciola hepatica*: effects of the fasciolicide Clorsulon in vitro and in vivo on the tegumental surface, and a comparison of the effects on young- and old- mature flukes  
Parasitol Res 91, S. 238- 250
- MEANEY, M., FAIRWEATHER, I., BRENNAN, G. P. et FORBES, A. B. (2004):  
Transmission electron microscope study of the ultrastructural changes induced in the tegument and gut of *Fasciola hepatica* following in vivo drug treatment with Clorsulon  
Parasitol Res 92, S. 232-241
- MEANEY, M., HAUGHEY, S., BRENNAN, G. P. et FAIRWEATHER, I (2005):  
Ultrastructural observations on oral ingestion and trans- tegumental uptake of Clorsulon by the liver fluke, *Fasciola hepatica*  
Parasitol Res 95, S. 201- 212
- MEHLHORN, H., D. DÜWEL et W. RAETHER (1993):  
Diagnose und Therapie der Parasitosen von Haus-, Nutz- und Heimtieren, 2. Aufl.  
Verlag Fischer, Stuttgart, Jena, New York. S. 228-229
- MEHLHORN, H., D. EICHENLAUB, T. LÖSCHER et W. PETERS (1995):  
Diagnostik und Therapie der Parasitosen des Menschen, 2. Aufl.  
Verlag Fischer, Stuttgart, Jena, New York
- MEHLHORN, H. et G. PIEKARSKI (2002):  
Grundriß der Parasitenkunde, Parasiten des Menschen und der Nutztiere, 6. Aufl.  
Verlag Spectrum, Heidelberg S. 229
- MORENO, M. S. et BARRETT, J. (1979):  
Monoamine oxidase in adult *Hymenolepis diminuta* (Ceastoda)  
Parasitology. 78 (1), S. 1-5

MOTTIER, M. L., ALVEREZ, L. I., PIS, M. A. et LANUSSE, C. E. (2003):  
Transtegumental diffusion of benzimidazole anthelmintics into *Monezia benedeni*:  
correlation with their octanol- water partition coefficients  
Exp Parasitol 103, S. 1- 7

ODENING, K. (1971):  
Der große Leberegel, *Fasciola hepatica* L., 1758  
in: ODENING (Hrsg.), K.: Der große Leberegel und seine Verwandten,  
A Ziemsen- Verlag, Wittenberg Lutherstadt

OTTESEN, M. E., ISMAIL, M. M. et HORTON, J. (1999):  
The role of albendazole in programmes to eliminate lymphatic filariasis  
Parasitol Today 15, S. 382-386

OVEREND, D. J. et BOWEN, F. L. (1995):  
*Fasciola hepatica* to triclabendazole  
Aust Vet J 72, S. 275- 276

OXBERRY, M. E., THOMPSON, R. C. A. et REYNOLDSON, J. A. (1994):  
Evaluation of the effects of albendazole and metronidazole on the ultrastruktüre of  
*Giardia duodenalis*, *Trichomonas vaginalis* and *Spironucleus muris* usind  
transmission electron microcopy  
Internat J Parasitol 24, S. 695- 703

PUNGPARK, S., BUNNAG, D. et HARINASUTA, T. (1984):  
Albendazole in the treatment of opisthorchiasis and concomitant interstinal helminth  
infections  
Asian J Trop Med Publi Heth 15, S. 44- 50

REED, S. J. B. (1996)  
Electron Microprobe Analysis and Scanning Electron Microscopie  
University Press, Cambridge

REIMER, L. (1976)

Elektronenmikroskopische Untersuchungs- und Präparationsmethoden  
Springer Verlag: Berlin/ Heidelberg/ New York

REIMER, L. (1985)

Scanning electron microscopy  
Springer Verlag: Berlin/ Heidelberg/ New York

REIMER, L. et PFEFFERKORN, G. (1999)

Rasterelektronenmikroskopie  
Springer Verlag: Berlin/ Heidelberg/ New York

REUTER, S., JENSEN, B., BUTTENSCHOEN, K., KRATZER, W., et KERN, P.  
(2000):

Benzimidazoles in the treatment of alveolar echinococcosis: a comparative study and  
review of the literature

J Antimicrobial Chemoth 46, S. 451- 456

ROBINSON, M. W., HOEY, E. M., FAIRWEATHER, I., DALTON, J. P., McGONIGLE,  
S. et TRUDGETT, A. (2001):

Characterisation of a  $\beta$ -tubulin gene from the liver fluke, *Fasciola hepatica*

Internat J Parasitol 31, S. 1264- 1268

ROBINSON, M. W., TRUDGETT, A., HOEY, E. M. et FAIRWEATHER, I. (2002):

Triclabendazole- resistant *Fasciola hepatica*:  $\beta$ -tubulin and response to in vitro  
treatment with triclabendazole

Parasitology 124, S. 325- 338

ROBINSON, M. W., LAWSON, J., TRUDGETT, A., HOEY, E. M. et FAIRWEATHER,  
I. (2004):

The comparative metabolism of triclabendazole sulphoxide by triclabendazole-  
susceptible and triclabendazole-resistant *Fasciola hepatica*

Parasitol Res 92, S. 205- 210

- RODRIGUEZ-PEREZ, J. et HILLYER, G. V. (1994):  
Detection of excretory- secretory circulating antigens in sheep with *Fasciola hepatica*  
and with *Schistosoma mansoni* and *F. hepatica*  
Vet Parasitol 56, S. 57- 66
- SANGER, M. C., Prichard, P. K. et LACEY. E. (1985):  
Tubulin and benzimidazole resistance in *Trichostrongylus colubriformis* (Nematoda)  
J Parasitol 71, S. 645- 651
- SCHMIDT, J. (1998):  
Effects of benzimidazole anthelmintics as microtubule- active drugs on the synthesis  
and transport of surface glycoconjugates in *Hymenolepis microstoma*, *Echinostoma*  
*caproni* and *Schistosoma mansoni*  
Parasitol Res 84, S. 362- 368
- SCHNEIDER, T. (2000):  
Helminthosen der Wiederkäuer  
in: M. ROMMEL, J. ECKERT, E. KUTZER, W. KÖRTING et T. SCHNIEDER (Hrsg.):  
Veterinärmedizinische Parasitologie, 5. Aufl.  
Verlag Parey, Berlin, Hamburg. S. 192-295
- SCHOLTYSIK, G. et KAUFMANN, J. (1996):  
Antiparasitäre Chemotherapie  
in: FREY, H. H. und LÖSCHER W. (Hrsg.):  
Lehrbuch der Pharmakologie und Toxikologie für die Veterinärmedizin  
Ferdinand Enke Verlag Stuttgart, S. 542- 549
- SCHUSTER, J. et LÄMMLER G. (1973):  
*Fasciola hepatica*- Infektion der Albinratte  
Parasitol Res 41, S. 311- 326

SHOOP, W.L., OSTLIND, D.A., ROHRER, S.P., MICKLE, G., HAINES, H.W.,  
MICHAEL, B.F., MROZIK H. et FISHER M.H. (1995):  
Avermectins and milbemycins against *Fasciola hepatica*: in vivo drug efficacy and in  
vitro receptor bindings  
Int. J. Parasitol. 25, 923-927

SKUCE, P.J. et FAIRWEATHER, I. (1989):  
*Fasciola hepatica*: the effect of the sodium ionophore monensin on the adult  
tegument  
Parasitol Res 75, S. 223- 232

SKUCE, P.J. et FAIRWEATHER, I. (1990):  
The effect of the hydrogen ionophore Closantel upon the pharmacology and  
ultrastructure of the adult liver fluke *Fasciola hepatica*  
Parasitol Res 76, S. 241- 250

SOLANA, H. D., RODRIGUEZ, J. A. et LANUSSE, C. E. (2000):  
Comperative metabolism of albendazole and albendazole sulphoxide by different  
helminth parasites  
Parasitol Res 87, S. 275- 280

SPENCE, S. A., FRASER, G. C., DETTMANN, E. B. et BATTESE D. F. (1992 ):  
Production responses to internal parasite control in dairy cattle  
Aust Vet J 69, S. 217- 220

STITT, A.W. et FAIRWEATHER, I. (1991):  
*Fasciola hepatica*: the effect of the microfilament inhibitor cytochalasin B on the  
ultrastructure of the adult fluke  
Parasitol Res 77, S. 675- 685

STITT, A.W. et FAIRWEATHER, I. (1993 a ):  
*Fasciola hepatica*: the effect of the microtubule inhibitors colchicines and tubulozole-  
C on the ultrastructure of the fluke  
Parasitology 107, S. 297- 309

STITT, A.W. et FAIRWEATHER, I. (1993 b):

*Fasciola hepatica*: tegumental surface changes in adult and juvenile flukes following treatment in vitro with sulphoxide metabolite of triclabendazole (‘Fasinex’)

Parasitol Res 79, S. 539- 546

STITT, A.W. et FAIRWEATHER, I. (1994):

The effect of the sulphoxid metabolite of triclabendazole (‘Fasinex’) on the tegument of mature and immature stages of the liver fluke, *Fasciola hepatica*

Parasitology 108, S. 555- 567

STITT, A.W., FAIRWEATHER, I. et MACKENDER, R. O. (1995):

The effect of triclabendazole (‘Fasinex’) on protein synthesis by the liver fluke, *Fasciola hepatica*

Internat J Parasitol 25, S. 421- 429

STOITSOVA, S. et GORCHILOVA, L. (1997):

Effects of cholchicine on the number of T2 vesicels in the tegument of *Fasciola hepatica*

Folia Parasitol 44, S. 283- 288

THEODORIDES, V. J. et FREEMAN, J. F. (1980):

Efficacy of albandazole against *Fasciola hepatica* in cattle

The Vet Rec 146, S. 200

THREADGOLD, L. T. (1978):

*Fasciola hepatica*: a transmission and scanning electron microscopical study of the apical surface of the gastrodermal cells

Parasitology 76, S. 85-90.

TORGERSON, P. R. (1995):

Current anthelmintic therapy in cattle and sheep practice

Irish Vet J 84, S. 107- 117

- URREA- PARIS; M. A., MORENO, M. J., CASADO, N. et RODRIGUEZ-CAABEIRO, F. (2000):  
In vitro effect of praziquantel and albendazole combination therapy on the larval stage of *Echinococcus granulosus*  
*Parasitol Res* 86, S. 957- 964
- UNGEMACH, F. R. (2003):  
Anthelmintika  
In: LÖSCHER, W., UNGEMACH, F. R. et KROKKER, R. (Hrsg.) *Pharmakotherapie bei Haus- und Nutztieren*, 5. Aufl.  
Verlag Parey, Berlin und Hamburg, S. 247- 277
- VALERO, M. A., MARCOS, M. D. et FONS R. (2000):  
*Fasciola hepatica* development in the experimentally infected black rat *Rattus rattus*  
*Parasitol Res* 84, S. 188- 194
- VAN SCHALKWYK, P.C., GEYSER, T. L. RECIO, M. et ERASMUS, F. P. G. (1997):  
The anthelmintic efficacy of albendazole against gastrointestinal roundworms, tapeworms, lungworms and liver flukes in sheep  
*J South Afr Vet Assoc* 50, S. 31- 35
- VERHEYEN, A. (1982):  
*Echinococcus granulosus*: the influence of mebendazole therapy on the ultrastructural morphology of the germinal layer of hydatid cysts in humans and mice  
*Z Parasitenkd.* 67, S. 55- 65
- VERHEYEN, A., VANPARIJS, O. LAUWERS, H. et THIENPONT, D. (1980):  
The influence of closantel administration to sheep on the ultrastructure of the adult fluke *Fasciola hepatica*  
In: Van den Bossche H (ed): *The host- invader interplay*  
Elsevier/North Holland, Amsterdam, S. 705- 708

WATTS, S. D., RAPSON, E. B., ATKINS, A. M et LEE, D. L. (1982):

Inhibition of acetylcholinesterase secretion from *Nippostrongylus brasiliensis*  
by benzimidazole anthelmintics

Biochem Pharmacol 31, S. 3035-3040

WEHNER, R. et GEHRING, W. (1995):

Zoologie

Georg Thieme Verlag Stuttgart, New York S. 644- 651

WINKELMANN et JOHANNES (2005):

Schaf- und Ziegenkrankheiten, 3. Aufl.

Verlag Ulmer, S.98- 102

ZINTZ, K. et FRANK, W. (1982):

Ultrastructural modifications in *Heterakis spumosa* after treatment with febantel or  
Mebendazole

Vet Parasitol 10; S. 47- 56