

9 Darstellung des eigenen Anteils an den Arbeiten

Der Anteil der an den vorgelegten Arbeiten beteiligten Autorinnen und Autoren wird nach folgenden Gesichtspunkten unterschieden:

1. Idee
2. Versuchsplanung
3. Versuchsdurchführung
4. Auswertung der Ergebnisse
5. Erstellung des Manuskripts
6. Projektfinanzierung

Mitteilung 1:

Clausen, P.-H., I. Sidibe, I. Kaboré and B. Bauer (1992): Development of multiple drug resistance of *Trypanosoma congolense* in Zebu cattle under high natural tsetse fly challenge in the pastoral zone of Samorogouan, Burkina Faso. *Acta Trop.* **51**, 229-236.

1. Clausen
2. Clausen, Bauer
3. Clausen, Sidibe, Kaboré, Bauer
4. Clausen
5. Clausen
6. Clausen

Mitteilung 2:

Afewerk, Y., P.-H. Clausen, G. Abebe, G. Tilahun, D. Mehlitz (2000): Multiple-drug resistant *Trypanosoma congolense* populations in village cattle of Metekel district, north-west Ethiopia. Acta Trop. **76**, 231-238.

1. Clausen
2. Afewerk, Clausen
3. Afewerk, Clausen, Abebe, Tilahun
4. Afewerk, Clausen
5. Afewerk, Clausen
6. Clausen, Mehlitz

Mitteilung 3:

Tewelde, N., G. Abebe, M. Eisler, J. McDermott, M. Greiner, Y. Afework, M. Kyule, S. Münstermann, K.-H. Zessin, P.-H. Clausen (2004): Application of field methods to assess isometamidium resistance of trypanosomes in cattle in western Ethiopia. Acta Trop. **90**, 163-170.

1. Clausen
2. Tewelde, Eisler, Münstermann, Clausen
3. Tewelde, Abebe, Afework, Clausen
4. Tewelde, McDermott, Greiner, Kyule, Clausen
5. Tewelde, Clausen
6. Zessin, Clausen

Mitteilung 4:

McDermott, J., T. Woitag, I. Sidibe, B. Bauer, B. Diarra, D. Ouédraogo, M. Kamuanga, A. S. Peregrine, M. Eisler, K.-H. Zessin, D. Mehltitz, P.-H. Clausen (2003): Field studies of drug-resistant cattle trypanosomes in Kéné Dougou Province, Burkina Faso. *Acta Trop.* **86**, 93-103.

1. Clausen
2. McDermott, Sidibe, Bauer, Kamuanga, Peregrine, Eisler, Zessin, Mehltitz, Clausen
3. Woitag, Sidibe, Bauer, Diarra, Ouédraogo, Clausen
4. McDermott, Woitag, Clausen
5. McDermott, Peregrine, Clausen
6. Mehltitz, Clausen

Mitteilung 5:

Olila, D., J.J. McDermott, M.C. Eisler, E.S. Mitema, R.J. Patzelt, P.-H. Clausen, C.J. Poetzsch, K.-H. Zessin, D. Mehltitz, A.S. Peregrine (2002): Drug sensitivity of trypanosome populations from cattle in a peri-urban dairy production system in Uganda. *Acta Trop.* **84**, 19-30.

1. McDermott, Clausen, Mehltitz, Peregrine
2. Olila, McDermott, Eisler, Patzelt, Clausen, Poetzsch, Mehltitz, Peregrine
3. Olila, McDermott, Eisler, Mitema, Patzelt, Clausen, Poetzsch, Zessin, Mehltitz, Peregrine
4. Olila, McDermott, Eisler, Clausen, Perregrine

5. Olila, McDermott, Eisler, Clausen, Perregrine
6. Mehlitz, Zessin, Clausen

Mitteilung 6:

Knoppe, T.N., B. Bauer, J.J. McDermott, A.S. Peregrine, D. Mehlitz, P.-H. Clausen (2006):

Isometamidium sensitivity of *Trypanosoma congolense* stocks from cattle in West Africa tested in mice and the drug incubation infectivity test. Acta Trop. **97**,108-116.

1. Clausen
2. Knoppe, Peregrine, Clausen
3. Knoppe, Clausen
4. Knoppe, Clausen
5. Knoppe, Bauer, McDermott, Peregrine, Clausen
6. Mehlitz, Clausen

Mitteilung 7:

Eisler, M.C., J. Brandt, B. Bauer, P.-H. Clausen, V. Delespaux, P.H. Holmes, A. Ilemobade, N. Machila, H. Mbwambo, J. McDermott, D. Mehlitz, G. Murilla, J.M. Ndung'u, A.S. Peregrine, I. Sidibé, L. Sinyangwe, S. Geerts (2001): Standardised tests in mice and cattle for the detection of drug resistance in tsetse-transmitted trypanosomes of African domestic cattle. Vet. Parasitol. **97**, 171-182.

1. Eisler, Geerts

2. entfällt
3. entfällt
4. entfällt
5. Eisler, Brandt, Bauer, Clausen, Delespaux, Holmes, Ilemobade, Machila, Mbwambo, McDermott, Mehlitz, Murilla, Ndung'u, Peregrine, Sidibé, Sinyangwe, Geerts
6. entfällt

Mitteilung 8:

Clausen, P.-H., C. Pellmann, A. Scheer, U. Tietjen, G. Schares, B. Bauer, A.S. Peregrine and D. Mehlitz (2000): Application of *in vitro* methods for the detection of drug resistance in trypanosome field isolates. Proceedings of the workshop on drug delivery and resistance in the context of integrated disease management, held 31 May–4 June 1999, Nairobi, Kenya. Newsletter on Integrated Control of Pathogenic Trypanosomes and their Vectors **2**, 9-12.

1. Clausen, Schares
2. Clausen, Schares, Bauer
3. Clausen, Pellmann, Scheer, Tietjen
4. Clausen, Pellmann, Scheer, Tietjen
5. Clausen, Peregrine
6. Clausen, Mehlitz

Mitteilung 9:

Clausen, P.-H., F.H. Leendertz, A. Blankenburg, U. Tietjen, D. Mehlitz, I. Sidibe, B. Bauer (1999): A drug incubation glossina infectivity test (DIGIT) to assess the susceptibility of *Trypanosoma congolense* bloodstream forms to trypanocidal drugs (Xenodiagnosis). Acta Trop. **72**, 111-117.

1. Clausen
2. Clausen, Bauer
3. Clausen, Leendertz, Blankenburg, Tietjen, Sidibe, Bauer
4. Clausen, Leendertz, Blankenburg
5. Clausen
6. Clausen

Mitteilung 10:

Clausen, P.-H., A. Wiemann, R. Patzelt, D. Kakaire, C. Poetzsch, A. Peregrine, and D. Mehlitz (1998): Use of a PCR assay for the specific and sensitive detection of *Trypanosoma* spp. in naturally infected dairy cattle in peri-urban Kampala, Uganda. Ann. N. Y. Acad. Sci. **849**, 21-31.

1. Clausen
2. Clausen
3. Clausen, Wiemann, Patzelt, Kakaire, Poetzsch, Peregrine
4. Clausen
5. Clausen

6. Clausen, Mehlitz

Mitteilung 11:

Clausen, P.-H., C. Waiswa, E. Katunguka-Rwakishaya, G. Schares, S. Steuber, D. Mehlitz (1999): Polymerase chain reaction and DNA probe hybridization to assess the efficacy of diminazene treatment in *Trypanosoma brucei*-infected cattle. Parasitol. Res. **85**, 206-211.

1. Clausen
2. Clausen, Waiswa, Katunguka-Rwakishaya, Schares, Steuber
3. Clausen, Waiswa
4. Clausen, Waiswa
5. Clausen
6. Clausen, Mehlitz

Mitteilung 12:

Clausen, P.-H., G. Schares, R.J. Patzelt, C.J. Poetzsch, A. Scheer, D. Kakaire, D. Olila, A.S. Peregrine, J. McDermott and D. Mehlitz (2001): PCR and DNA-probe hybridization to assess the efficacy of therapeutic and prophylactic isometamidium treatment in *Trypanosoma* spp.- infected dairy cattle in peri-urban Kampala, Uganda. Proceedings of the 25th International Council for Trypanosomosis Research and Control (ISCTRC) Meeting. Mombasa, Kenya, 1999, OAU/STRC, Publication No. **120**, 429-434.

1. Clausen

2. Clausen, Schares, Mehlitz
3. Clausen, Schares, Patzelt, Poetzsch, Scheer, Kakaire, Olila, Peregrine, McDermott, Mehlitz
4. Clausen
5. Clausen
6. Clausen, Mehlitz

Mitteilung 13:

Gall, Y., T. Woitag, B. Bauer, I. Sidibe, J. McDermott, D. Mehlitz, P.-H. Clausen (2004): Trypanocidal failure suggested by PCR results in cattle field samples. *Acta Trop.* **92**, 7-16.

1. Clausen
2. Gall, Clausen
3. Gall, Woitag, Bauer, Sidibe, McDermott, Clausen
4. Gall, Clausen
5. Gall, Clausen
6. Mehlitz, Clausen

Mitteilung 14:

Gall, Y., T. Woitag, B. Bauer, I. Sidibe, J. McDermott, M. Eisler, D. Mehlitz and P.-H. Clausen (2003): Detection of trypanocide failure in cattle: diagnostic potential of PCR compared to parasitological methods. Proceedings of the joint DFID Animal

Health Programme/ICPTV Workshop on Recent Advances in the Control of Human and Animal Trypanosomiasis: Diagnosis, Epidemiology, Modelling and Decision Support, held 1-3 April 2003 at the Fairview Hotel, Nairobi, Kenya. Newsletter on Integrated Control of Pathogenic Trypanosomes and their Vectors **8**, 36-38.

1. Gall, Clausen
2. Gall, Clausen,
3. Gall, Woitag, Bauer, Sidibe, McDermott, Eisler, Clausen
4. Gall, Clausen
5. Gall, Clausen
6. Mehlitz, Clausen