



**- Literature List -**

Articles in scientific and peer-reviewed publications with Biogen scientists as authors or co-authors ..... 2

Other articles with Biogen scientists as authors or co-authors ..... 6

Presentations at scientific congresses and meetings with Biogen scientists as authors or co-authors ..... 7

## Articles in scientific and peer-reviewed publications with Biogents scientists as authors or co-authors

1. Carolin M. Degener, Martin Geier, Dan Kline, Joyce Urban, Scott Willis, Katherine Ramirez, Erin R. Cloherty and Scott W. Gordon, 2019: Field Trials to Evaluate the Effectiveness of the Biogents®-Sweetscent Lure in Combination with Several Commercial Mosquito Traps and to Assess the Effectiveness of the Biogents-Mosquitaire Trap with and Without Carbon Dioxide, *Journal of the American Mosquito Control Association* Mar 2019, Vol. 35, No. 1 (March 2019) pp. 32-39, <https://mosquito-jamca.org/doi/pdf/10.2987/18-6790.1>
2. Bernard Abong'o, Xiaoyu Yu, Martin J. Donnelly, Martin Geier, Gabriella Gibson, John Gimnig, Feiko ter Kuile, Neil F. Lobo, Eric Ochomo, Stephen Munga, Maurice Ombok, Aaron Samuels, Stephen J. Torr and Frances M. Hawkes (2018): Host Decoy Trap (HDT) with cattle odour is highly effective for collection of exophagic malaria vectors, *Parasites & Vectors* (2018) 11:533 <https://doi.org/10.1186/s13071-018-3099-7>
3. Harwood J.F., Rama V., Hash, J.M., Gordon S.W. (2018): The Attractiveness of the Gravid *Aedes* Trap to Dengue Vectors in Fiji. *J. Med. Entomol.* 55(2), 2018, 481–484 doi: 10.1093/jme/tjx221.
4. Kampen H., Schuhbauer A., Walther D. (2017): Emerging mosquito species in Germany - a synopsis after 6 years of mosquito monitoring (2011–2016). *Parasitol Res.* DOI 10.1007/s00436-017-5619-3
5. Akaratovic K. I., Kiser J. P., Gordon S., Abadam C. A. (2017): Evaluation of the Trapping Performance of Four Biogents AG Traps and Two Lures for the Surveillance of *Aedes albopictus* and Other Host-Seeking Mosquitoes. *Journal of the American Mosquito Control Association* 33(2):108-115. <https://doi.org/10.2987/16-6596.1>
6. Sperling S., Cordel M., Gordon S., Knols B.G.J., Rose A. (2017) Eave tubes for malaria control in Africa: Videographic observations of mosquito behaviour in Tanzania with a simple and rugged video surveillance system. *Malaria World Journal* 8:9.
7. Knols B.G.J., Farenhorst M., Andriessen R., Snetselaar J., Suer R.A., Osinga A.J., Knols, J.M.H, Deschietere J., Ng'habi K.R., Lyimo I.N., Kessy S.T., Mayagaya V.S., Sperling S., Cordel M., Sternberg E.D., Hartmann P., Mnyone L.L., Rose A., Thomas M.B. (2016) Eave tubes for malaria control in Africa: an introduction. *Malaria Journal* 15:404
8. Arimoto H., Harwood J.F., Nunn P.J., Richardson A.G., Gordon S., Obenauer P.J. (2015). Comparison of Trapping Performance Between the Original BG-

Sentinel® Trap and BG-Sentinel 2® Trap. Journal of the American Mosquito Control Association, 31(4):384-387.

9. Obermayr U., Ruther J., Bernier U.R., Rose A., Geier M. (2015) Evaluation of a Push-Pull Approach for *Aedes aegypti* (L.) Using a Novel Dispensing System for Spatial Repellents in the Laboratory and in a Semi-Field Environment. PLoS One 10(6): e0129878.
10. Degener C.M., Mingote Ferreira de Ázara T., Aparecida Roque R., Rösner S., Rocha E.S.O., Geessien Kroon E., Torres Codeço C., Araújo Nobre A., Ohly J.J., Geier M., Eiras A.E. (2015). Mass trapping with MosquiTRAPs does not reduce *Aedes aegypti* abundance, Mem Inst Oswaldo Cruz, Rio de Janeiro: 110(4): 517–527
11. Englbrecht C., Gordon S., Venturelli C., Rose A., and Geier M. (2015). Evaluation of BG-Sentinel Trap as a Management Tool to Reduce *Aedes albopictus* Nuisance in an Urban Environment in Italy, Journal of the American Mosquito Control Association, 31(1):16-25.
12. Hoel D. F., Marika J. A., Dunford J. C., Irish S.R., Geier M., Obermayr U., and Wirtz R. A. (2014) Optimizing Collection of *Anopheles gambiae* s.s. (Diptera: Culicidae) in Biogents Sentinel Traps, J. Med. Entomol. 51(6): 1268-1275
13. Krüger A., Obermayr U., Czajka C., Bueno - Marí R., Jöst A., Rose A. (2014) COI sequencing for invasive mosquito surveillance in Germany reveals genetically divergent specimens near *Aedes geniculatus* (Diptera: Culicidae) Journal of the European Mosquito Control Association 32:22-26.
14. Hiscox, A., Otieno, B., Kibet, A., Mweresa, C.K., Omusula, P., Geier, M., Rose, A., Mukabana, W.R., and Takken, W. (2014). Development and optimization of the Suna trap as a tool for mosquito monitoring and control. Malaria Journal 13: 257
15. Degener, C.M., Eiras, A.E., Azara, T.M.F., Roque, R.A., Rösner, S., Codeço, C.T., Nobre, A.A., Rocha, E.S.O., Kroon, E.G., Ohly, J.J., Geier M. (2014). Evaluation of the effectiveness of mass trapping with BG-sentinel traps for dengue vector control: a cluster randomized controlled trial in Manaus, Brazil. J. Med. Entomol. 51: 408–420.
16. De Ázara, T.M.F., Degener, C.M., Roque, R.A., Ohly, J.J., Geier, M., and Eiras, Á.E. (2013). The impact of CO<sub>2</sub> on collection of *Aedes aegypti* (Linnaeus) and *Culex quinquefasciatus* Say by BG-Sentinel® traps in Manaus, Brazil. Mem. Inst. Oswaldo Cruz 108: 229–232
17. Figueiredo, R.M.P. de, Mourão, M.P.G., Abi-Abib, Y.E.C., Oliveira, C.M. de, Roque, R., Azara, T. de, Ohly, J., Degener, C., Geier, M., and Eiras, A.E. (2013). Identification of dengue viruses in naturally infected *Aedes aegypti* females

captured with BioGents (BG)-Sentinel traps in Manaus, Amazonas, Brazil. Rev. Soc. Bras. Med. Trop. 46.

18. Gama, R.A., Silva, I.M. da, Geier, M., and Eiras, A.E. (2013). Development of the BG-Malaria trap as an alternative to human-landing catches for the capture of *Anopheles darlingi*. Mem. Inst. Oswaldo Cruz 108: 763–771.
19. Mascari T.M., Stout R.W., Clark J., Gordon S., Bast J., Foil L.D. (2013). Insecticide-treated rodent baits for sand fly control. Pesticide Biochemistry and Physiology 106(3):113-117.
20. Becker, N., Geier, M., Balczun, C., Bradersen, U., Huber, K., Kiel, E., Krüger, A., Lühken R., Orendt C., Plenge-Bönig A., Rose A., Schaub G.A., Tannich E. (2012). Repeated introduction of *Aedes albopictus* into Germany, July to October 2012. Parasitology Research 112: 1787-90
21. Obermayr, U., Ruther, J., Rose, A., and Geier, M. (2012). Laboratory Evaluation Techniques to Investigate the Spatial Potential of Repellents for Push and Pull Mosquito Control Systems. J. Med. Entomol. 49: 1387–1397
22. Thomas S.M., Obermayr U., Fischer D., Kreyling J., Beierkuhnlein C. (2012) Low-temperature threshold for egg survival of a post-diapause and non-diapause European aedine strain, *Aedes albopictus* (Diptera: Culicidae). Parasites & Vectors 5: 100
23. Drapeau J., Rossano M., Touraud D., Obermayr U., Geier M., Rose A., Kunz W. (2011) Green synthesis of para-Menthane-3,8-diol from *Eucalyptus citriodora*: Application for repellent products, Comptes Rendus Chimie, Volume 14, Issues 7–8, July–August 2011, Pages 629–635.
24. Britch S.C., Linthicum K.J., Walker T.W., Farooq M., Gordon S.W., Clark J.W., Ngere F., Ngonga D., Chepchieng C. (2011). Evaluation of ULV applications against old world sand fly (Diptera: Psychodidae) species in Equatorial Kenya. J Med Ent. 48:1145-1159.
25. Mascari T.M., Clark J., Gordon S., Mitchell M.A., Rowton E.D., Stout R., Foil L.D. (2011). Oral treatment of rodents with insecticides for control of sand flies (Diptera: Psychodidae) and the fluorescent tracer technique (FTT) as a tool to evaluate potential sand fly control methods. J. Vector Ecol. 36 Supp 1: 132-137.
26. Obermayr U., Rose A., Geier M. (2010). A novel test cage with an air ventilation system as an alternative to conventional cages for the efficacy testing of mosquito repellents. J Med Entomol. 47: 1116-1122.
27. Almeida, S.J. de, Martins Ferreira, R.P., Eiras, Á.E., Obermayr, R.P., and Geier, M. (2010). Multi-agent modeling and simulation of an *Aedes aegypti* mosquito population. Environmental Modelling & Software 25, 1490–1507.
28. Drapeau J., Verdier M., Touraud D., Kröckel U., Geier M., Rose A., Kunz W.. (2009) Effective insect repellent formulation in both surfactantless and

classical microemulsions with a long-lasting protection for human beings.  
Chem. Biodivers. 6:934-47

29. Drapeau J., Fröhler C., Touraud D., Kröckel U., Geier M., Rose A & Kunz W. (2009) Repellent studies with *Aedes aegypti* and human olfactory tests on 19 essential oils from Corsica, France. *Flavour and Fragrance Journal* 24: 160-169.
30. Hörbrand Th. & Geier M (2009) Monitoring of Culicoides at nine locations in Southern Germany (2007–2008). *Parasitol. Res. Parasitol. Res.* 105: 387-392.
31. Mehlhorn H., Walldorf V., Klimpel S., Schaub G., Kiel E., Focke R., Liebisch G., Liebisch A., Werner D., Bauer C., Clausen H., Bauer B., Geier M., Hörbrand Th., Bätza H.J., Conraths F.J., Hoffmann B. & Beer M. (2009) Bluetongue disease in Germany (2007-2008): monitoring of entomological aspects. *Parasitol. Res. Parasitol. Res.* 105(2): 313-319.
32. Williams C.R., Long S.A., Webb C.E., Bitzhenner M., Geier M., Russel R.C. & Ritchie S.A. (2007) *Aedes aegypti* population sampling using BG-Sentinel traps in north Queensland, Australia: statistical considerations for trap deployment and sampling strategy. *Journal of Medical Entomology* 44(2): 345-350.
33. Naucke T.J, Kröpke R., Benner G., Schulz J., Wittern K.P., Rose A., Kröckel U. & Grünewald H.W. (2007) Field evaluation of the efficacy of proprietary repellent formulations with IR3535® and Picaridin against *Aedes aegypti*. *Parasitology Research* 101: 169–177.
34. Williams C.R., Bergbauer R., Geier M., Kline D.L., Bernier U.R., Russell R.C. & Ritchie S.A. (2006) Laboratory and field assessment of some kairomone blends for host seeking *Aedes aegypti*. *Journal of the American Mosquito Control Association* 22(4): 641-647.
35. Kröckel U., Rose A., Eiras Á.E. & Geier M. (2006) New tools for surveillance of adult yellow fever mosquitoes: Comparison of trap catches with human landing rates in an urban environment. *Journal of the American Mosquito Control Association* 22: 229-238.
36. Williams C.R., Ritchie S.A., Russel R.C., Eiras A.E., Kline D.L. & Geier M. (2006) Geographic variation in attraction to human odor compounds by *Aedes aegypti* mosquitoes (Diptera : Culicidae): A laboratory study. *Journal of Chemical Ecology* 32(8): 1625-1634.
37. Rose A., Kröckel U., Bergbauer R., Geier M. & Eiras Á.E. (2006). Der BG-Sentinel, eine neuartige Stechmückenfalle für Forschung und Überwachung. (The BG-Sentinel, a novel mosquito trap for research and surveillance.) *Mitteilungen der Deutschen Gesellschaft für allgemeine und angewandte Entomologie* 15: 345-348.

38. Weldon P.J., Kramer M.W., Gordon S., Spande T.F., Daly J. W. (2006). A common pumiliotoxin from poison frogs exhibits enantioselective toxicity against mosquitoes. *Proceedings of the National Academy of Science*: 103: 17818-17821.
39. Duong, Quyen, Song X., Mitrojjorgji E., Gordon S., Eng G. (2006). Larvicidal and structural studies of some triphenyl- and tricyclohexyltin para-substituted benzoates. *J. Organometallic Chemistry* 691:1775-1779.
40. Dekker T., Geier M. & Cardé R.T. (2005) Carbon dioxide instantly sensitizes female yellow fever mosquitoes to human skin odours. *Journal of Experimental Biology* 208: 2963-2972.
41. Geier M., Rose A., Eiras A. E. (2004) A new lure for host-seeking anthropophilic mosquitoes and a novel type of a simple, non-CO<sub>2</sub> mosquito trap. *International Journal of Medical Microbiology* 293, Suppl. 38: 50.
42. Eiras A.E., Rose, A, Geier, M. (2004) New tools for monitoring gravid females of the mosquitoes *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae), vectors of Dengue and other arboviral diseases. *International Journal of Medical Microbiology* 293, Suppl. 38: 51-52.
43. Masuoka P.M., Claborn D.M., Andre R.G., Nigro J., Gordon S.W., Klein T.A., Kim H.C. (2003). Use of IKONOS and Landsat for malaria control in the Republic of Korea. *Remote Sensing of the Environment* 88: 187-194
44. Smallegange R., Geier M. & Takken W. (2002) Behavioural responses of *Anopheles gambiae* to ammonia, lactic acid and a fatty acid in a y-tube olfactometer. *Proceedings of the section Experimental and Applied Entomology of the Netherlands Entomological Society (NEV)* 13: 147-152.
45. Dekker T., Steib B., Cardé R. & Geier M. (2002) L-lactic acid: a human-signifying host cue for the anthropophilic mosquito *Anopheles gambiae*. *Medical and Veterinary Entomology* 16: 91-98.
46. Chamberlin J., Laughlin L.W., Romero S., Solarzano N., Gordon S., Andre R., Pachas P., Friedman H., Ponce C., Watts D. (2002). The incidence of, and risk factors for, endemic *Bartonella bacilliformis*: A prospective cohort study of the inhabitants of a Peruvian Mountain Valley. *Journal of Infectious Disease* 186:983-90.
47. Steib B., Geier M. & Boeckh J. (2001) The effect of lactic acid on odor related host preference of yellow fever mosquitoes. *Chemical Senses* 26: 523-528.
48. Bosch J.O., Geier M. & Boeckh J. (2000) Contribution of fatty acids to olfactory host finding of female *Aedes aegypti*. *Chemical Senses* 25: 323-330.

49. Chamberlin J., Laughlin , L., Gordon S., Romero S., Solorzano N. (2000). Sero-diagnosis of *Bartonella bacilliformis* infection by indirect fluorescent antibody assay: Test development and application in an endemic population. *J. Clin. Microbiol.* 38:4269-71.
50. Coleman, R.E, Barth J.F., Turell M.J., Gordon S.W., Sattabangkot J., Copeland R., Wirtz R.A. (2000). Development and evaluation of a dipstick assay for the detection of *Plasmodium falciparum* and *P. vivax* sporozoites in mosquitoes (Diptera: Culicidae). *J. Med. Ent.* 34:581-587.
51. Geier M. and Boeckh J. (1999) A new Y-tube olfactometer for mosquitoes to measure the attractiveness of host odours. *Entomologia experimentalis et applicata* 92: 9-19.
52. Geier M., Bosch J.O. & Boeckh J. (1999) Influence of odour plume structure on upwind flight of mosquitoes towards hosts. *Journal of Experimental Biology* 202: 1639-1648.
53. Geier M., Bosch J.O. & Boeckh J. (1999) Ammonia as an attractive component of host odour for the yellow fever mosquito, *Aedes aegypti*. *Chemical Senses* 24: 647-653.
54. Cardé R.T., Dekker T. & Geier M. (1998): Flight behavior of mosquitoes on plumes of natural and synthetic host odor: mechanisms of orientation and influence of environmental factors. *Annual report of Mosquito Control Research* 1998: 47-49.
55. Geier M., Sass H. and Boeckh J. (1996): A search for components in human body odour that attract females of *Aedes aegypti*. In: Cardew, G. and Goode, J. (ed.): *Mosquito olfaction and olfactory-mediated mosquito-host interactions*. Ciba Foundation Symposium. New York: John Wiley & Sons Ltd. 132-148.
56. Pappenberger B., Geier M. and Boeckh J. (1996): Responses of antennal olfactory receptors to odours from the human body in the yellow fever mosquito, *Aedes aegypti*. In: Cardew, G. and Goode, J. (ed.): *Mosquito olfaction and olfactory-mediated mosquito-host interactions*. Ciba Foundation Symposium 200. New York: John Wiley & Sons Ltd. 254-266.
57. Boeckh J., Breer H., Geier M., Hoever F-P., Krüger B-W., Nentwig, G. & Sass H. (1996): Acylated 1,3-Aminopropanols as repellents against bloodsucking arthropods. *Pesticide Science* 48(4): 359-373.
58. Linthicum K.J., Bailey C.L., Tucker C.J., Gordon S.W., Logan T.M., Peters C.J, Digoutte J.P. (1994). Effects of man-made ecological alterations of the Senegal river basin on Rift Valley fever transmission. *Sistema Terra* 3: 44-47.

59. Gordon S.W., Tamarriello R.F., Linthicum K.J., Dohm D.J., Digoutte J.P. (1992). Arbovirus isolations from mosquitoes collected during 1988 in the Senegal River basin. *Am. J. Trop. Med. Hyg.* 46: 742-748.
60. Gordon S.W., Tamarriello R.F., Linthicum K.J., Wirtz R.A., Digoutte J.P. (1991). Feeding patterns of mosquitoes collected in the Senegal River basin. *J. Am. Mosq. Cont. Assoc.* 7: 424-432.
61. Linthicum K.J., Bailey C.L., Tucker C.J., Mitchell K., Gordon S.W., Logan T.M., Peters C.J., Digoutte J.P. (1990). Polar-orbiting satellite monitoring of man-made changes in the ecology of the Senegal River basin, as they relate to a Rift Valley fever epidemic. In *Arbovirus Research in Australia*, M.F. Uren, J. Blok, and L.H. Manderson eds., Proc. 5th Symposium: 116-119.
62. Berry R.L., Parsons M.A., Restifo R.A., Peterson E.D., Gordon S.W., Reed M.R., Calisher C.H., Bear G.T., Halpin T.J. (1983). California serogroup virus infections in Ohio: an 18 year retrospective summary. In *California Serogroup Viruses*, C.H. Calisher and W.H. Thompson eds. *Prog. Clin. Biol. Res.* 123: 215-223.
63. Gordon S.W., Peterson E.D. (1980). Occurrence of *Toxorhynchites rutilus septentrionalis* in tires in Ohio. *Mosq. News* 40: 107-109.
64. Gordon S.W., Berry R.L., Parsons M.A., Bear G.T., Halpin T.J. (1978). Increased prevalence of *Culex tarsalis* in Ohio and its implications. *Mosq. News* 38: 366-369.



## Other articles or books with Biogents scientists as authors or co-authors

1. Obermayr U. in book: Insect Repellents Handbook, Edition: 2, Chapter: Excitorepellency, (09/2014), Publisher: CRC Press, Taylor & Francis Group, Editors: Debboun, Frances, Strickman, pp.91-117, ISBN: 978-1-4665-5355-2
2. Rose A., Obermayr U. in book: Moderne Reisemedizin, Edition: 2, Chapter: Prävention vektorieell übertragener Infektionen, (01/2013) Publisher: Genter Verlag, Stuttgart, Editors: Burkhard Rieke, Thomas Küpper, Claus-Martin Muth, pp.381-393, ISBN: 978-3-87247-754-5
3. Geier M., Rose A., Grunewald J. & Jones O. (2006) New mosquito traps improve the monitoring of disease vectors. *International Pest Control* 48: 124-126.
4. Obermayr R. (2006) Are new trapping technologies useful for mosquito control interventions? *Vector Ecology Newsletter* 37 (3): 11-12.
5. Molnar Th. (2006) Comparative studies of two trapping systems for mosquito surveillance in Bavaria, Germany. *Vector Ecology Newsletter* 37 (3): 10-11.
6. Geier M., Rose A. & Grunewald, J. (2005) Stechmücken-Fallen: Frühwarnsysteme für vektorassoziierte Krankheiten. (Mosquito traps – early warning systems for vector-borne diseases.) *Journal Flug- und Reisemedizin* 45: 12-15.
7. Rose A. & Geier M. (2004) Why it can be useful to attract the enemy: leading mosquitoes around by the nose. In: Fürst W. & Bauernschmitt J. (eds.) *Biotechnology in Bavaria*. Media Mind, Munich, 64 - 68.
8. Rose A. (2002) Sonnengold – von der Herstellung eines guten *Helichrysum*-Öls. (The production of high-quality essential oil from *Helichrysum italicum*.) In: *FORUM* 21: 9-11.
9. Geier M. (2000) Olfaktorische Wirtsfindung bei Stechmücken. *Journal Flug- und Reisemedizin* 3: 16-20.
10. Knudson D.L., Zheng L., Gordon S.W., Brown S.E., Kafotos F.C. (1996). Genome organization of vectors. In *Biology of Disease Vectors*, B.J. Beaty and W.C. Marquardt, eds., University of Colorado Press.



## Presentations at scientific congresses and meetings with Biogents scientists as authors or co-authors

- 1.
2. Kröckel, U., Geier M. & Rose A. (2009) A new type of test cage as an alternative to conventional cages for the efficiency testing of mosquito repellents. 5<sup>th</sup> International Congress of Vector Ecology, Belek, Antalya, Turkey, 11 October 2009. Session II (Oral Presentation)
3. Engelbrecht Ch., Geier M. & Venturelli C.. (2009) Continuous trapping of adult Asian tiger mosquitoes (*Aedes albopictus*) with BG-Sentinel traps reduced the human landing rate and density indices in an urban environment in Cesena, Italy. 5th European Mosquito Control Association Workshop, Turin, Italy, 12 March 2009. Session 10.5 (Oral Presentation)
4. Weiß R., Molnar Th., Hörbrand Th., Geier M. & Rose A. (2009) Remarks on the mosquito fauna of different biotopes in the Regensburg area (Bavaria, Germany): an assessment using two adult trap types, human landing collection, and larval sampling. 5th European Mosquito Control Association Workshop, Turin, Italy. (Poster)
5. Kröckel U. & Rose A. (2009) Improved Type of Test Cages as an Alternative to conventional EPA-Cages for the Efficiency Testing of Mosquito Repellents. 5th European Mosquito Control Association Workshop, Turin, Italy. (Poster)
6. Rose A., Geier M., Eiras A.E., da Gloria Teixeira M., das Gracas Vale Barbosa M. & Gomes Mourao M.P. (2008) Novel mosquito traps in the fight against urban dengue – from monitoring to control. Introduction to a feasibility study in Manaus, Brazil. XXIII International Congress of Entomology, Durban, South Africa. (Poster)
7. Kröckel U. (2008) Wie testet man eigentlich Repellentien? (Test methods for the evaluation of insect repellents). 11<sup>th</sup> Yearly Conference of the German Professional Association for Travel Medicine (*11. Jahrestagung des Deutschen Fachverbandes Reisemedizin e.V.*), Stuttgart, Germany. (Oral Presentation)
8. Rose A. (2008) The assessment of transmission risk for mosquito-borne diseases: what can we learn for Chikungunya? European Mosquito Control Association Symposium on Chikungunya Risk in Europa – From Nuisance Mosquito Control to Vector Control, Alessandria, Italy. (Oral Presentation)
9. Rose A., Siegers, M., Eiras A.E. & Geier M. (2007) Mosquito traps in the fight against urban dengue – from monitoring to control. 4<sup>th</sup> European Mosquito Control Association Workshop, Prague, Czech Republic. (Oral Presentation)

10. Kröckel U. and Rose A. (2007) Efficacy testing of repellents against mosquitoes and other blood-sucking arthropods. 4<sup>th</sup> European Mosquito Control Association Workshop, Prague, Czech Republic. (Poster)
11. Drapeau J., Geier M, Rose A., Touraud D. & Kunz W (2007) Formulation and production of host odours and products to attract and repel mosquitoes. 5<sup>th</sup> Conference on formulation technology – Formula V, Potsdam, Germany. (Poster)
12. Geier M., Kröckel U., Eiras A.E., Williams C.W., Ritchie S.A. & Rose A. (2005) Human landing rates and trap catches: How representative is a mosquito trap? 4<sup>th</sup> International Congress of Vector Ecology, Reno, NV, USA. (Oral Presentation)
13. Bitzhenner M., Guaraglia Ch., Geier M., Rose A. and Talbalaghi A. (2005) Evaluation of the BG-Sentinel, a new monitoring trap for mosquitoes, in northern Italy. 4<sup>th</sup> International Congress of Vector Ecology, Reno, NV, USA. (Poster)
14. Geier M., Rose A., Eiras A. E. (2004) A new lure for host-seeking anthropophilic mosquitoes and a novel type of a simple, non-CO<sub>2</sub> mosquito trap. 21<sup>st</sup> Annual Conference of The German Society for Parasitology (*Deutsche Gesellschaft für Parasitologie*), Würzburg, Germany. (Oral Presentaion)
15. Eiras A.E., Rose A., Geier, M. (2004) New tools for monitoring gravid females of the mosquitoes *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae), vectors of Dengue and other arboviral diseases. 21<sup>st</sup> Annual Conference of The German Society for Parasitology (*Deutsche Gesellschaft für Parasitologie*), Würzburg, Germany. (Oral Presentaion)
16. Rose A., Eiras A.E., Geier M. (2004) New Attractants for host-finding mosquitoes & innovative designs for novel non-CO<sub>2</sub> traps, 70<sup>th</sup> Annual Meeting of the American Mosquito Control Association Meeting, Savannah, USA. (Oral Presentation)
17. Eiras A.E., Silva I., Rose A. (2004) MosquiTRAP & Atr.Aedes: New tools for monitoring gravid females of *Ae. aegypti* & *Ae. albopictus*, 70<sup>th</sup> Annual Meeting of the American Mosquito Control Association Meeting, Savannah, USA. (Oral Presentation)
18. Eiras A.E., Silva I.M., Roque R.A., Matosinhos I.M. & Geier M. (2004) Behavioural responses of gravid *Aedes aegypti* (Diptera: Culicidae) to synthetic oviposition attractants identified from grass infusions volatiles. XXII International Congress of Entomology, Brisbane, Australia. (Oral Presentation)
19. Geier M., Rose, A. & Eiras, A.E. (2004) Attractive host odours for mosquitoes: the blend ratio makes the difference. XXII International Congress of Entomology, Brisbane, Australia. (Oral Presentation)

20. Geier M., Rose A., Baptista C., Richie S.A., Kröckel U. & Eiras A.E. (2004) Specific monitoring tools for anthropophilic mosquitoes. XXII International Congress of Entomology, Brisbane, Australia. (Oral Presentation)
21. Eiras A.E., Silva I.M., Costa C.F., Antonacci R.G., Rose A., Geier M. (2004) Monitoring the mosquito *Aedes aegypti*: A novel surveillance method and new entomological indices using the gravid trap MosquiTRAP and a synthetic oviposition attractant AtrAedes). XXII International Congress of Entomology, Brisbane, Australia. (Oral Presentation)
22. Geier M., Bosch O., Steib, B., Rose A.M. & Boeckh J. (2002) Odour-Guided Host Finding of Mosquitoes: Identification of New Attractants on Human Skin. 4<sup>th</sup> International Conference on Urban pests. (Oral Presentation)
23. Geier M. (2001) Odour modulated behaviour of *Aedes aegypti*. 3<sup>rd</sup> International Congress of Vector Ecology, Barcelona, Spain. (Oral Presentation)
24. Geier M., Steib B.M., Bosch O.J. & Boeckh J. (2000) Odour guided host finding of yellow fever mosquitoes: Composition of the attractive blend and flight behaviour in attractive odour plumes. Congress of ECRO, Brighton, England. (Oral Presentation)
25. Geier M., Franz H., Rose A.M. & Boeckh J. (2000) How the fine-scale plume structure of host-odours affect the flight behaviour of mosquitoes. XXI International Congress of Entomology, Foz do Iguassu, Brazil. (Oral Presentation)
26. Bosch J.O., Geier M. & Boeckh J. (2000) Attraction of *Aedes aegypti* to identified compounds on human skin. XXI International Congress of Entomology, Foz do Iguassu, Brazil. (Poster)
27. Dekker T., Geier M., Steib B.M. & Cardè R.T. (2000) L-Lactic acid is an important host stimulus for the anthropophilic *Anopheles gambiae* s.s. XXI International Congress of Entomology, Foz do Iguassu, Brazil. (Oral Presentation)
28. Steib B.M., Geier M. & Boeckh J. (1999) Why do mosquitoes prefer certain human individuals. 92te Jahresversammlung der Deutschen Zoologischen Gesellschaft, Innsbruck, Austria.
29. Geier M., Bosch J.O. & Boeckh J. (1999) Effects of plume structure on upwind flights of mosquitoes towards host odours. European Symposium on Insect Taste and Olfaction VI, Tutzing, Germany. (Oral Presentation)
30. Bosch J.O., Geier M. & Boeckh J. (1999) Identified volatiles emitted from human skin attract female *Aedes aegypti*. European Symposium on Insect Taste and Olfaction VI, Tutzing, Germany. (Oral Presentation)

31. Steib B.M., Geier M. & Boeckh J. (1999) What makes us attractive to yellow fever mosquitoes - The effect of lactic acid on host selection of *Aedes aegypti*. European Symposium on Insect Taste and Olfaction VI Tutzing, Germany. (Oral Presentation)
32. Geier M., Bosch O.J. & Boeckh J. (1998): Olfactory host finding of yellow fever mosquitoes: Exploring the attractive odor blend and effect of odor plume structure on upwind flights. XX Annual meeting of the Association for Chemoreception Sciences. (Oral Presentation)
33. Geier M., Bosch O.J. and Boeckh J. (1998): The influence of odour plume structure on the upwind flight of female *Aedes aegypti* (Diptera: Culicidae). XIII<sup>th</sup> Congress of ECRO, Sienna, Spain. (Poster)
34. Geier M., Bosch O.J. and Boeckh J. (1998): The effect of odour plume structure on the upwind flight of female *Aedes aegypti* (Diptera, Culicidae). VI<sup>th</sup> European Congress of Entomology. České Budejovice, Czech Republic. (Oral Presentation)
35. Rose A.M. (1998) The effect of host stimuli on the host finding behaviour of the bloodsucking bug *Triatoma infestans* (Hemiptera: Reduviidae), under quasi-natural conditions. VI<sup>th</sup> European Congress of Entomology. České Budejovice, Czech Republic. (Oral Presentation)
36. Stengl M. & Hörbrand T. (1997): What is the role of cyclic GMP in insect olfaction? Society for Neuroscience Abstracts 23: 1826.
37. Geier M., Sass H. & Boeckh J. (1996): Olfactory host finding of yellow fever mosquitoes *Aedes aegypti* (Diptera: Culicidae): Synergetic effect of different host odour components. XX International Congress of Entomology, Florence, Italy. (Oral Presentation)
38. Rose A.M. & Boeckh J. (1996) Host-finding of the bloodsucking bug *Triatoma infestans* (Hemiptera: Reduviidae), a vector of Chagas' disease: an olfactometer study. XX International Congress of Entomology. Florence, Italy. (Poster)
39. Rose A.M. & Boeckh J. (1996) Host-finding of the bloodsucking bug *Triatoma infestans* (Hemiptera: Reduviidae), a vector of Chagas' disease: Observations under conditions resembling the natural environment. 2<sup>nd</sup> International Conference on Insect Pests in the Urban Environment, Edinburgh, Scotland. (Poster)
40. Geier M. (1996): Olfactory cues in host finding of mosquitoes. 17. Jahrestagung der Deutschen Gesellschaft für Parasitologie. (Poster)

41. Geier M. (1995): The role of lactic acid in olfactory host finding of the mosquito *Aedes aegypti*. European Symposium on Insect Taste and Olfaction IV. (Poster)
42. Geier M. (1993): Olfactory host finding of mosquitoes *Aedes aegypti*: a search for key stimuli. European Symposium on Insect Taste and Olfaction III. (Poster)
43. Geier M. (1991): Receptors for host odours and repellents on the antenna of the mosquito *Aedes aegypti*. European Symposium on Insect Taste and Olfaction II. (Poster)