Curriculum Vitae

Personal information Werner Terhalle

Work experience

1. Employer: Bundesamt für Verbraucherschutz und Lebensmittelsicherheit
   - Start date: 072019
   - End date:
   - Position: Head of Unit Biostatistics, Data Management and Big Data
   - Activities: Statistical assessment of clinical studies for the authorization of veterinary medicinal products. Consultancy for companies with regard to study design.
   - Country: Germany
2. Employer: Bundesamt für Verbraucherschutz und Lebensmittelsicherheit
   - Start date: 012008
   - End date: 062019
   - Position: Scientific Officer
   - Activities: Statistical assessment of clinical studies for the authorization of veterinary medicinal products. Consultancy for companies with regard to study design. Contribution to guidelines for the authorization of veterinary medicinal products.
   - Country: Germany
3. Employer: Max Planck Institute for Molecular Genetics
   - Start date: 072005
   - End date: 122007
   - Position: Scientist
   - Activities: Bio_mathematics and bio_statistics; statistical analyses of haplotype_disease relationships.
   - Country: Germany
4. Employer: CENiMED GmbH
   - Start date: 012004
   - End date: 062005
   - Position: Scientist
   - Activities: Bio_mathematics and bio_statistics; statistical analyses; genome_related clinical pharmacology
   - Country: Germany
5. Employer: Charité _ Universitätsmedizin Berlin
   - Start date: 012003
   - End date: 122003
   - Position: Scientist
   - Activities: Bio_mathematics and bio_statistics; statistical analyses of clinical trials; genome_related clinical pharmacology
   - Country: Germany
6. Employer: MicroDiscovery GmbH
   - Start date: 112001
   - End date: 042002
   - Position: Scientist
   - Activities: Bio_mathematics and bio_statistics related to proteomics with emphasis on micro_arrays
   - Country: Germany
7. Employer: GenProfile AG
   - Start date: 042000
   - End date: 102001
   - Position: Scientist
   - Activities: Bio_mathematics and bio_statistics related to genomics with emphasis on haplotypes
   - Country: Germany
8. Employer: itelligence AG
   - Start date: 111999
   - End date: 032000
   - Position: Consultant
   - Activities: Trainer for introductional courses on SAP software
   - Country: Germany
9. Employer: Bielefeld University
   - Start date: 081993
   - End date: 071999
   - Position: Postdoc
   - Activities: Research in mathematics (algebraic combinatorics) with the aim of habilitation degree, teaching students, mathematical support for projects on bio_informatics
   - Country: Germany
10. Employer: Bielefeld University
    - Start date: 041990
    - End date: 071993
    - Position: PhD student / Postdoc
    - Activities: Research in mathematics (algebraic combinatorics) with the aims first of doctoral degree, then of habilitation degree. Grants by Studienstiftung des deutschen Volkes and Deutsche Forschungsgemeinschaft.
    - Country: Germany

Education and training

1. Subject: Gymnasium Oesede
   - Start date: 081971
   - End date: 061980
   - Qualification: University_Entrance Diploma (Abitur)
   - Organisation: advanced courses in mathematics and chemistry
   - Country: Germany
2. Subject: Bielefeld University
   - Start date: 101981
   - End date: 011990
   - Qualification: Diploma in Mathematics
   - Organisation: pure and applied mathematics, business studies
   - Country: Germany
3. Subject: Bielefeld University
   - Start date: 021990
   - End date: 121992
   - Qualification: Doctoral Degree in Mathematics
   - Organisation: Algebraic Combinatorics
   - Country: Germany
4. Subject: Bielefeld University
   - Start date: 011993
   - End date: 061999
   - Qualification: Postdoctoral Qualification in Mathematics (Habilitation)
   - Organisation: Algebraic Combinatorics; Combinatorial Optimization
   - Country: Germany

Additional information

Publications

Publications in life sciences: with Hoppenheit, Antje et al. Multiple host feeding in Glossina palpalis gambiensis and Glossina tachinoides in southeast Mali. Medical and Veterinary Entomology, 2012 (epub). with Flügge, Jana et al. Vitamin D receptor haplotypes protect against development of colorectal cancer. European Journal of Clinical Pharmacology, 2007, Vol. 63(11) p997_1005. with Fietze, Ingo et al. Night_to_night variation of the oxygen desaturation index in sleep apnoea syndrome. European Respiratory Journal, 2004, Vol. 24(6), p987_993. with Goldammer, Mark et al. Impact of CYP3A haplotypes on alprazolam kinetics with and without rifampicin induction. Clinical Pharmacology & Therapeutics, 2004, Vol. 75(2), p81. with Atchley, William R. et al. Correlations among amino acid sites in bHLH protein domains: An information theoretic analysis. Molecular Biology and Evolution, 2000, Vol. 17(1), p164_178. with Atchley, William R. et al. Positional dependence, cliques, and predictive motifs in the bHLH protein domain. Journal of Molecular Evolution, 1999, Vol. 48(5), p501_516. with Ramser, Juliane et al. Molecular marker based taxonomy and phylogeny of Guinea yam (Dioscorea rotundata – D. cayenensis). Genome 1997, Vol. 40(6), p903_915. Publications in mathematics: Terhalle, Werner. Matroidal trees – A unifying theory of treelike spaces and their ends. Habilitationsschrift, Universität Bielefeld, 1998. Dress, Andreas W.M. and Werner Terhalle. The tree of life and other affine buildings. Documenta Mathematica Extra Volume ICM III, 1998, p565_574. Terhalle, Werner. Coordinatizing R_trees in terms of universal c_trees. Annals of Combinatorics, 1997, Vol. 1(1), p183_196. Terhalle, Werner. R_Trees and symmetric differences of sets. European Jounal of Combinatorics, 1997, Vol. 18(7), p825_833. Dress, Andreas W.M., and Werner Terhalle. The Real Tree. Advances in Mathematics, 1996, Vol. 120(2), p283_301. with Dress, Andreas W.M. et al. T_theory: An overview. European Journal of Combinatorics, 1996, Vol. 17(2_3), p161_175. Dress, Andreas W.M. and Werner Terhalle. Rewarding maps: On greedy optimization of set functions. Advances in Applied Mathematics, 1995, Vol. 16(4), p464_483. Dress, Andreas W.M. and Werner Terhalle. Well_layered maps – A class of greedily optimizable set_functions. Applied Mathematics Letters, 1995, Vol. 8(5), p77_80. Dress, Andreas W.M. and Werner Terhalle. Well_layered maps and the maximum_degree k x k subdeterminant of a matrix of rational functions. Applied Mathematics Letters, 1995, Vol. 8(4), p77_80. Dress, Andreas W.M. and Werner Terhalle. A combinatorial approach to p_adic geometry. Geometriae Dedicata, 1993, Vol. 46(2), p127_148. Terhalle, Werner. Ein kombinatorischer Zugang zu p_adischer Geometrie: Bewertete Matroide, Bäume und Gebäude. Dissertation, Universität Bielefeld, 1992.

Projects

Memberships

Other Relevant Information