

Publikationen

151 in der Datenbank „Medline“ (Author: Kayser FH) gelistete Publikationen aus den Jahren 1962-2003 zu den oben genannten Forschungsschwerpunkten. Weitere 54 Veröffentlichungen (Übersichten, Vorträge, Buchbeiträge) in verschiedenen Printmedien.

Auswahl Originalarbeiten:

1. Safety aspects of enterococci from the medical point of view.
Kayser FH.
International Journal of Food Microbiology. 88:255-62, 2003.
2. Low specificity of the bacterial index for the diagnosis of bacterial pneumonia by bronchoalveolar lavage.
Speich R. Hauser M. Hess T. Wüst J. Grebski E. **Kayser FH.** Russi EW.
European Journal of Clinical Microbiology & Infectious Diseases. 17:78-84, 1998.
3. New system based on site-directed mutagenesis for highly accurate comparison of resistance levels conferred by SHV beta-lactamases.
Nuesch-Inderbilen MT. Hächler H. **Kayser FH.**
Antimicrobial Agents & Chemotherapy. 39:1726-30, 1995.
4. Genetic characterization of plasmid-encoded multiple antibiotic resistance in a strain of *Listeria monocytogenes* causing endocarditis.
Hadorn K. Hächler H. Schaffner A. **Kayser FH.**
European Journal of Clinical Microbiology & Infectious Diseases. 12:928-37, 1993.
5. Infection in the upper body: hand and burn-wound microbiology and considerations for antimicrobial therapy.
Zellweger G. Simmen HP. Meyer VE. **Kayser FH.**
Journal of Burn Care & Rehabilitation. 13:298-304, 1992.
6. The *Staphylococcus aureus* mec determinant comprises an unusual cluster of direct repeats and codes for a gene product similar to the *Escherichia coli* sn-glycerophosphoryl diester phosphodiesterase.
Ryffel C. Bucher R. **Kayser FH.** Berger-Bächli B.
Journal of Bacteriology. 173:7416-22, 1991.
7. Mechanism of imipenem resistance acquired by three *Pseudomonas aeruginosa* strains during imipenem therapy.
Vurma-Rapp U. **Kayser FH.** Hadorn K. Wiederkehr F.
European Journal of Clinical Microbiology & Infectious Diseases. 9:580-7, 1990.
8. Complete nucleotide sequence of IS431mec in *Staphylococcus aureus*.
Barberis-Maino L. Ryffel C. **Kayser FH.** Berger-Bächli B.
Nucleic Acids Research. 18:5548, 1990.
9. Sequence comparison of mecA genes isolated from methicillin-resistant *Staphylococcus aureus* and *Staphylococcus epidermidis*.
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Berger-Bächli B.
Gene. 94:137-8, 1990.
10. FemA, a host-mediated factor essential for methicillin resistance in *Staphylococcus aureus*: molecular cloning and characterization.
Berger-Bächli B. Barberis-Maino L. Strässle A. **Kayser FH.**
Molecular & General Genetics. 219:263-9, 1989.

11. IS431, a staphylococcal insertion sequence-like element related to IS26 from *Proteus vulgaris*.
Barberis-Maino L. Berger-Bächi B. Weber H. Beck WD. **Kayser FH**.
Gene. 59:107-13, 1987.
12. Additional DNA in methicillin-resistant *Staphylococcus aureus* and molecular cloning of mec-specific DANN.
Beck WD. Berger-Bächi B. **Kayser FH**.
Journal of Bacteriology. 165:373-8, 1986.
13. Clinical laboratory evaluation of an Automated Microbial Detection and Identification System (AMS). *Zentralblatt für Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene*
Kayser FH. Kolar I.
Erste Abteilung Originale - Reihe A: Medizinische Mikrobiologie und Parasitologie.
245:222-8, 1979.
14. Purification and characterization of an aminoglycoside inactivating enzyme from *Staphylococcus epidermidis* FK109 that nucleotidylates the 4'- and 4''-hydroxyl groups of the aminoglycoside antibiotics.
Santanam P. **Kayser FH**.
Journal of Antibiotics. 31:343-51, 1978.
15. Electronic data processing system for clinical microbiology. *Zentralblatt für Bakteriologie, Parasitenkunde, Infektionskrankheiten und Hygiene*
Kayser FH. Schildnecht J. Munzinger J. Karasek JP.
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16. Methicillin-resistant staphylococci 1965-75.
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Lancet. 2:650-3, 1975
17. Transduction and plasmid deoxyribonucleic acid analysis in a multiply antibiotic-resistant strain of *Staphylococcus epidermidis*.
Rosendorf LL. **Kayser FH**.
Journal of Bacteriology. 120:679-86, 1974.
18. Experimental and clinical aspects of resistance determinants. Mode of resistance against beta-lactam antibiotics in staphylococci.
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Annals of the New York Academy of Sciences. 182:106-17, 1971.
19. Growing clinical significance of methicillin-resistant *Staphylococcus aureus*.
Benner EJ. **Kayser FH**.
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Buchbeitrag:

1. Co-Autor des Lehrbuches „Medizinische Mikrobiologie“, Georg-Thieme-Verlag, Stuttgart. Co-Autor seit 1974 (= 3. Auflage).
FH. Kayser, E.C. Böttger, O. Haller, J. Eckert, P. Deplazes und R.M. Zinkernagel.
12. Auflage, 2010
(Übersetzung verschiedener Ausgaben des Lehrbuches in folgende Sprachen: Französisch, Spanisch, Englisch, Japanisch, Griechisch, Italienisch, Türkisch, Polnisch, Chinesisch).