

## REVIEW

- Novel peptide therapeutics for treatment of infections  
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- Distribution of *espM* and *espT* among enteropathogenic and enterohaemorrhagic *Escherichia coli*  
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- Lactobacillus salivarius* modulates cytokine induction and virulence factor gene expression in *Helicobacter pylori*  
**K. A. Ryan, A. M. O'Hara, J.-P. van Pijkeren, F. P. Douillard and P. W. O'Toole** 996–1005
- Uropathogens from diabetic patients in Libya: virulence factors and phylogenetic groups of *Escherichia coli* isolates  
**K. S. Ghenghesh, E. Elkateb, N. Berbash, R. Abdel Nada, S. F. Ahmed, A. Rahouma, N. Seif-Enasser, M.-A. Elkhaboron, T. Belresh and J. D. Klena** 1006–1014

## HOST RESPONSE

- Bacteroides fragilis* signals through Toll-like receptor (TLR) 2 and not through TLR4  
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- Role of PCR in the diagnosis of pertussis infection in infants: 5 years' experience of provision of a same-day real-time PCR service in England and Wales from 2002 to 2007  
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- A new multiplex PCR-based reverse line-blot hybridization (mPCR/RLB) assay for rapid staphylococcal cassette chromosome *mec* (SCC*mec*) typing  
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## Front cover illustration

Microscopic adhesion patterns in non-adhesive (top), weakly adhesive (middle) and adhesive (bottom) pigs from the White Duroc × Erhualian resource population after incubation with enterotoxigenic *Escherichia coli* F4ac. Images courtesy L. Huang, Jiangxi Agricultural University, Nanchang, PR China. See the paper by Yan *et al.* in this issue, pp. 1112–1117.

## ANTIMICROBIAL AGENTS AND CHEMOTHERAPY

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- Pro-apoptotic effect of the landrace Bangla Mahoba of *Piper betle* on *Leishmania donovani* may be due to the high content of eugenol  
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**W.-H. Zhao, G. Chen, R. Ito and Z.-Q. Hu** 1080–1085
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- Rapid diagnosis of candidaemia by real-time PCR detection of *Candida* DNA in blood samples  
**N. Wellinghausen, D. Siegel, J. Winter and S. Gebert** 1106–1111

## VETERINARY MICROBIOLOGY

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- Distribution of *Escherichia coli* F4 adhesion phenotypes in pigs of 15 Chinese and Western breeds and a White Duroc × Erhualian intercross  
**X. Yan, X. Huang, J. Ren, Z. Zou, S. Yang, J. Ouyang, W. Zeng, B. Yang, S. Xiao and L. Huang** 1112–1117

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- Colonization of the tip of a thoracic catheter by *Enterococcus faecalis* resistant to vancomycin and linezolid  
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## CORRESPONDENCE

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- Proposal for a reliable enterococcal cytolysin production assay avoiding apparent incongruence between phenotype and genotype  
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