

Bacteremia

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Bacteremia is the presence of bacteria in the blood. The blood is normally a sterile environment, so the detection of bacteria in the blood is always abnormal. Bacteria can enter the bloodstream as a severe complication of infections, during surgery, or due to catheters and other foreign bodies entering the arteries or veins. Bacteremia can have several consequences. The immune response to the bacteria can cause sepsis and septic shock, which has a relatively high mortality rate. Bacteria can also use the blood to spread to other parts of the body, causing infections away from the original site of infection. Examples include endocarditis or osteomyelitis. Treatment is with antibiotics, and prevention with antibiotic prophylaxis can be given in situations where problems are to be expected. ([From the Wikipedia article Bacteremia](#).)



Recent Publications on Bacteremia:

- [Severe Sepsis in Two Ugandan Hospitals: a Prospective Observational Study of Management and Outcomes in a Predominantly HIV-1 Infected Population.](#)
*BACKGROUND: Sepsis likely contributes to the high burden of infectious...*13th November, 2009
Division of Allergy and Infectious Diseases, Department of Medicine,- PLoS One. 2009 Nov 11;4(11):e7782. ([DOI Direct Link](#))
- [Neonatal Mice as Models for Cronobacter sakazakii Infection in Infants.](#)
*Cronobacter sakazakii is an opportunistic pathogen that has been isolated...*12th November, 2009
Department of Environmental Health Science, 206 Environmental Health- J Food Prot. 2009 Nov;72(11):2363-7.
- [Streptococcosis in farmed Litopenaeus vannamei: a new emerging bacterial disease of penaeid shrimp.](#)
*Presumptive systemic streptococcal infections were detected histologically...*12th November, 2009
Texas Veterinary Medical Diagnostic Lab, 1 Sippel Rd, College Station,- Dis Aquat Organ. 2009 Sep 23;86(2):93-106.
- [An outbreak of hemodialysis catheter-related bacteremia with sepsis caused by Streptococcus agalactiae in a hemodialysis unit.](#)
*BACKGROUND: Rates of invasive group B Streptococcus (GBS; Streptococcus...*10th November, 2009
Internal Medicine, Division of Infectious Diseases, Evangelismos General- Int J Infect Dis. 2009 Nov 5. ([DOI Direct Link](#))
- [Incidence of Viral and fungal infections following busulfan-based reduced-intensity versus myeloablative conditioning in pediatric allogeneic stem cell transplantation recipients.](#)
*Reductions in the duration and nadir of neutropenia have translated into a...*10th November, 2009
Department of Pediatrics, Morgan Stanley Children's Hospital of New- Biol Blood Marrow Transplant. 2009 Dec;15(12):1587-95. Epub 2009 Sep 30. ([DOI Direct Link](#))
- [A case report of crusted scabies with methicillin-resistant Staphylococcus aureus bacteremia.](#)

- Reductions in the duration and nadir of neutropenia have translated into a...*10th November, 2009
- J Am Geriatr Soc. 2009 Sep;57(9):1713-4. ([DOI Direct Link](#))
- [Attributable mortality of Stenotrophomonas maltophilia infections: a systematic review of the literature.](#)
*AIM: Although Stenotrophomonas maltophilia is commonly isolated from...*10th November, 2009
Alfa Institute of Biomedical Sciences, Marousi, Athens, Greece.- Future Microbiol. 2009 Nov;4:1103-9.
([DOI Direct Link](#))
 - [Campylobacter fetus peritonitis and bacteremia in a patient undergoing continuous ambulatory peritoneal dialysis: case report and literature review.](#)
*We report a case of Campylobacter fetus peritonitis and bacteremia in a...*6th November, 2009
Servicio de Microbiología y Parasitología, Hospital Universitario La Paz,- J Clin Microbiol. 2009 Nov 4. ([DOI Direct Link](#))
 - [The transcriptome of the nosocomial pathogen Enterococcus faecalis V583 reveals adaptive responses to growth in blood.](#)
*BACKGROUND: Enterococcus faecalis plays a dual role in human ecology,...*6th November, 2009
Laboratory of Microbial Gene Technology and Food Microbiology,- PLoS One. 2009 Nov 4;4(11):e7660. ([DOI Direct Link](#))
 - [A Population-Based Study of Pyogenic Liver Abscesses in the United States: Incidence, Mortality, and Temporal Trends.](#)
*OBJECTIVES: Few population-based studies have evaluated pyogenic liver...*6th November, 2009
Department of Medicine, University of Calgary, Calgary, Alberta, Canada.- Am J Gastroenterol. 2009 Nov 3. ([DOI Direct Link](#))
 - [Relapsing fever Borrelia binds to neolacto glycans and mediates rosetting of human erythrocytes.](#)
*A hallmark of acute relapsing fever borreliosis is severe bacteremia. Some...*4th November, 2009
University of Umea, Department of Molecular Biology, Umea, Sweden.- Proc Natl Acad Sci U S A. 2009 Nov 2. ([DOI Direct Link](#))
 - [Posterior reversible encephalopathy syndrome in an 87-year-old woman with Escherichia coli bloodstream infection.](#)
*We present the case of an 87-year-old woman with history of hypertension,...*3rd November, 2009
Department of Clinical and Experimental Medicine, University Hospital, St.- Clin Exp Nephrol. 2009 Oct 31. ([DOI Direct Link](#))
 - [\[Septic pylephlebitis associated with Enterobacter cloacae septicemia.\]](#)
*Septic pylephlebitis or purulent thrombosis of the portal venous system...*3rd November, 2009
Service de medecine interne B, hopital militaire d'instruction Mohammed V,- J Mal Vasc. 2009 Oct 29. ([DOI Direct Link](#))
 - [Serum resistance of Acinetobacter baumannii through the binding of factor H to outer membrane proteins.](#)
*Abstract Bacteremia is a common systemic disease caused by Acinetobacter...*3rd November, 2009
Department of Microbiology, Kyungpook National University School of- FEMS Microbiol Lett. 2009 Oct 13. ([DOI Direct Link](#))
 - [Preliminary proteomic analysis of circulating polymorphonuclear neutrophils from rabbits experiencing scald injury and Staphylococcus aureus sepsis.](#)
*BACKGROUND: The aim of this study is to identify the differentially...*31st October, 2009
Department of Burns and Plastic Surgery, Xiangya Hospital, Central South- Inflamm Res. 2009 Oct 30. ([DOI Direct Link](#))

BioNews Results for Bacteremia

- [Etiologic Agents of Bacteremia in the Early Period After Simultaneous Pancreas-Kidney Transplantation](#)
MDLinx: Nov 11 2009 12:06PM Matching: bacteremia
- [Percutaneous drainage remains initial treatment for iliopsoas abscess](#)

- MedWire News: Nov 11 2009 6:41PM Matching: bacteremia*
- [Enterococcal Bloodstream Pathogens Identified in 90 Minutes](#)
Lab Medica: Nov 10 2009 5:12PM Matching: bacteremia
 - [Trius and Alimera Join Growing Roster of Biotech IPO Hopefuls](#)
Therapeutics Daily: Nov 10 2009 2:23AM Matching: bacteremia
 - [Medical News: Inappropriate Sepsis Therapy Leads To Fivefold Reduction In Survival](#)
BioFind: Nov 6 2009 12:57PM Matching: bacteremia
 - [Inappropriate Sepsis Therapy Leads To Fivefold Reduction In Survival](#)
Medical News Today: Nov 6 2009 10:14AM Matching: bacteremia
 - [Dutch pull Pfizer infant vaccine after deaths](#)
FiercePharma: Nov 5 2009 9:57PM Matching: bacteremia
 - [What We Like About Cubist Pharma](#)
Seeking Alpha: Nov 5 2009 2:22PM Matching: bacteremia
 - [Appropriate initial antimicrobial therapy reduces mortality of patients with septic shock](#)
News-Medical.Net: Nov 5 2009 11:48AM Matching: bacteremia
 - [AdvanDx Receives FDA 510\(k\) Clearance For 90 Minutes PNA FISH\(R\) Protocol For Identifying Enterococcal Bloodst](#)
Medical News Today: Oct 28 2009 12:01PM Matching: bacteremia
 - [AdvanDx Receives FDA 510\(k\) Clearance for 90 Minutes PNA FISH\(R\) Protocol for Identifying Enterococcal Bloodst](#)
Healthcare Sales & Marketing Network: Oct 28 2009 1:58AM Matching: bacteremia
 - [AdvanDx Receives FDA 510\(k\) Clearance for 90 Minutes PNA FISH\(R\) Protocol for Identifying Enterococcal Bloodst](#)
Pharmacy Choice: Oct 27 2009 7:21PM Matching: bacteremia
 - [AdvanDx Receives FDA 510\(k\) Clearance for 90 Minutes PNA FISH\(R\) Protocol for Identifying Enterococcal Bloodst](#)
PR Newswire: Oct 27 2009 6:40PM Matching: bacteremia
 - [AdvanDx Receives FDA 510\(k\) Clearance for 90 Minutes PNA FISH\(R\) Protocol for Identifying Enterococcal Bloodst](#)
Houston Chronicle: Oct 27 2009 11:29AM Matching: bacteremia
 - [AdvanDx Receives FDA 510\(k\) Clearance for 90 Minutes PNA FISH\(R\) Protocol for Identifying Enterococcal Bloodst](#)
Kansas City Business Journal: Oct 27 2009 11:09AM Matching: bacteremia

Bacteremia Clinical Trials:



- [Daptomycin in the Treatment of Subjects With Infective Endocarditis or Bacteremia Due to S. Aureus](#)



Bacteremia Patents:

- 7544782- [Tumour necrosis factor binding ligands](#)
- 7569542- [Anti-microbial targeting chimeric pharmaceutical](#)
- 7569591- [Gyrase inhibitors and uses thereof](#)
- 7569677- [Antibiotic-conjugated antibodies](#)
- 7569681- [Caterpillar gene family](#)
- 7572439- [Enzyme disruption of bacterial biofilms](#)
- 7572618- [Polynucleotides encoding novel PCSK9 variants](#)
- 7575754- [Avian E. coli vaccine for protection against colibacillosis](#)
- 7576054- [Compositions and methods for treating bacteria](#)
- 7579168- [Human Dickkopf-related nucleic acid molecules](#)
- 7582291- [Bacteriophage lysins for Enterococcus faecalis, Enterococcus faecium and other bacteria](#)
- 7569384- [Albumin fusion proteins](#)
- 7569223- [Phage-associated lytic enzymes for treatment of Streptococcus pneumoniae and related conditions](#)
- 7569025- [Methods and devices for treating severe peripheral bacterial infections](#)
- 7547692- [Rifamycin analogs and uses thereof](#)
- 7547766- [Anti-tango294 antibodies and uses thereof](#)
- 7550432- [Recombinant fusion proteins to growth hormone and serum albumin](#)
- 7553641- [Tumour necrosis factor binding ligands](#)
- 7553816- [p-amidobenzylethers in drug delivery agents](#)
- 7553929- [Cell permeable peptides for inhibition of inflammatory reactions and methods of use](#)
- 7556797- [Minimally invasive physiological function monitoring agents](#)
- 7560243- [White blood cell functional assay](#)
- 7566447- [Biocides](#)
- 7566776- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)
- 7582449- [Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics](#)
- 7582641- [Gyrase inhibitors and uses thereof](#)
- 7595057- [Streptococcus pyogenes antigens and corresponding DNA fragments](#)
- 7595307- [Polysaccharide derivatives and uses in induction of an immune response](#)
- 7597903- [Method and composition for producing catheters with antibacterial property](#)
- 7598348- [Adiponectin receptor variant, AdipoR2v2](#)
- 7598354- [Campylobacter glycans and glycopeptides](#)
- 7601351- [Antibodies against protective antigen](#)
- 7601731- [Antimicrobial flush solutions](#)
- 7605233- [Tumour necrosis factor binding ligands](#)
- 7608189- [Device for removing bacterial lipopolysaccharides and/or lipoteichoic acids from protein-containing fluids and its use for the treatment of sepsis](#)
- 7608244- [Hydrophilic light absorbing compositions for determination of physiological function in critically ill patients](#)
- 7595038- [Methods of treatment using antibodies to follistatin-3](#)
- 7592326- [Method for stimulating the immune, inflammatory or neuroprotective response](#)
- 7592010- [Albumin fusion proteins](#)

- 7582729- [Nucleic acids and polypeptides of C.sub.1 bacteriophage and uses thereof](#)
- 7582731- [Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics](#)
- 7585504- [High affinity antibodies against HMGB1 and methods of use thereof](#)
- 7585510- [Vaccine](#)
- 7585641- [Immunoassay and method of use](#)
- 7585669- [Compositions and methods for treating or preventing pneumococcal infection](#)
- 7588767- [Microorganisms for therapy](#)
- 7588771- [Microorganisms for therapy](#)
- 7588920- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)
- 7591996- [Ultrasound target vessel occlusion using microbubbles](#)
- 7608450- [Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics](#)

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