

Elizabeth L. Palavecino, MD

Assistant Professor of Pathology (Clinical Pathology)

- **Director:** [Clinical Microbiology](#)
- **Board Certification:** American Board of Pathology: Clinical Pathology

Education:

- **Undergraduate:** Universidad de Chile, Santiago
- **Postgraduate:** Universidad de Chile, MD 1980
- **Residency:** University Hospitals of Cleveland, 2001
- **Fellowships:** University of Minnesota Hospitals, 1992; University Hospitals of Cleveland, 2002

Interests:

- **Teaching:** Microbiology, Laboratory Diagnosis
- **Research:** Antimicrobial susceptibility testing, mechanisms of resistance to antimicrobial agents, laboratory testing
- **Clinical:** Microbiology, Molecular Diagnosis



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Recent Publications:

Jacobs MR, Bajaksouzian S, Windau A, **Palavecino EL**, Yomtovian R. Evaluation of the Scansystem method for detection of bacterially contaminated platelets. [Transfusion. 2005 Feb;45\(2\):265-9.](#)

Palavecino E, Jacobs M, Yomtovian R. Bacterial contamination of blood products. [Curr Hematol Rep. 2004 Nov;3\(6\):450-5.](#)

Froberg MK, **Palavecino E**, Dykoski R, Gerding DN, Peterson LR, Johnson S. *Staphylococcus aureus* and *Clostridium difficile* cause distinct pseudomembranous intestinal diseases. [Clin Infect Dis. 2004 Sep 1;39\(5\):747-50.](#)

Palavecino E. Community-acquired methicillin-resistant *Staphylococcus aureus* infections. [Clin Lab Med. 2004 Jun;24\(2\):403-18.](#) Review.

Palavecino E, Yomtovian R. Risk and prevention of transfusion-related sepsis. [Curr Opin Hematol. 2003 Nov;10\(6\):434-439.](#)

Tapia C, Gonzalez P, Pereira A, Perez J, Noriega LM, **Palavecino E**. [Antifungal susceptibility for *Candida albicans* isolated from AIDS patients with oropharyngeal and esophageal candidiasis: experience with Etest]. [Rev Med Chil. 2003 May;131\(5\):515-9.](#) Spanish.

Roy S, Schreiber JR, John CC, Kaplan EL, Rodriguez B, Salata RA, **Palavecino**

E. A family cluster of five cases of group a streptococcal pneumonia. [Pediatrics. 2003 Jul;112\(1 Pt 1\):e61-5.](#)

Tapia C, Leon E, **Palavecino E**. [Antifungal susceptibility of yeasts by Etest. Comparison of 3 media] [Rev Med Chil. 2003 Mar; 131\(3\):299-302.](#) Spanish.

Palavecino EL, Riedel I, Duran C, Bajaksouzian S, Joloba M, Davies T, Appelbaum PC, Jacobs MR. Macrolide resistance phenotypes in *Streptococcus pneumoniae* in Santiago, Chile. [Int J Antimicrob Agents. 2002 Aug; 20\(2\):108-12.](#)

Garcia P, Levican J, Quiroga T, Montiel F, **Palavecino E**. Direct identification of *Staphylococcus aureus* from positive blood culture specimens with a rapid test. [J Med Microbiol. 2002 Jun; 51\(6\):530-1.](#)

Lopez-Vidal Y, **Palavecino E**, Rossi F; Latin American Surveillance and Epidemiology Research (LASER) Study Group. Prevalence of beta-lactamase production in *H. influenzae* isolated in Latin America in 1998-1999: results of the LASER study. [Int J Antimicrob Agents. 2002 Mar; 19\(3\):201-5.](#)

Palavecino EL. Recommendations on the susceptibility testing of *Staphylococcus aureus*, Coagulase negative staphylococci and *S. saprophyticus*: New breakpoints and interpretation of results. *Rev Chil Infectol.* 2002; Supplement 2: S119-124.

Jacobs MR, **Palavecino E**, Yomtovian R. Don't bug me: the problem of bacterial contamination of blood components--challenges and solutions. [Transfusion. 2001 Nov; 41\(11\):1331-4.](#) Review.

Nagai K, Davies TA, Ednie LM, Bryskier A, **Palavecino E**, Jacobs MR, Appelbaum PC. Activities of a new fluoroketolide, HMR 3787, and its (des)-fluor derivative RU 64399 compared to those of telithromycin, erythromycin A, azithromycin, clarithromycin, and clindamycin against macrolide-susceptible or -resistant *Streptococcus pneumoniae* and *S. pyogenes*. [Antimicrob Agents Chemother. 2001 Nov; 45\(11\):3242-5.](#)

Palavecino EL. The crisis of resistant pathogens in respiratory tract infections--use of pharmacodynamic principles. [Am J Manag Care. 2001 Jun; 7\(6 Suppl\):S170-7.](#) Review.

Palavecino EL, Riedel I, Berrios X, Bajaksouzian S, Johnson D, Kaplan E, Jacobs MR. Prevalence and mechanisms of macrolide resistance in *Streptococcus pyogenes* in Santiago, Chile. [Antimicrob Agents Chemother. 2001 Jan; 45\(1\):339-41.](#)