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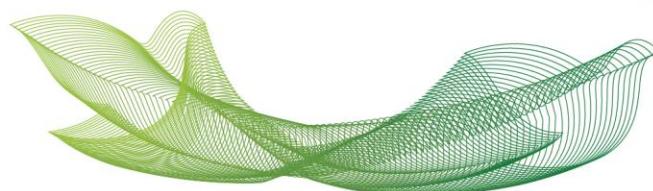
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**Educando
para a paz**

Tipo	Periódico
Título	Role of <i>Streptococcus pneumoniae</i> Proteins in Evasion of Complement-Mediated Immunity
Autores	Greiciely O. Andre, Thiago R. Converso, Walter R. Politano, Lucio F. C. Ferraz, Marcelo L. Ribeiro, Luciana C. C. Leite, Michelle Darrieux
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Autores Internacionais	
Programa/Curso (s)	Programa de Pós-Graduação Stricto Sensu em Ciências da Saúde
DOI	10.3389/fmicb.2017.00224
Assunto (palavras chaves)	complement system, <i>Streptococcus pneumoniae</i> , virulence factors pneumococcal surface proteins, pneumococcal moonlighting proteins, protein-based vaccines
Idioma	Português
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Resumo	The complement system plays a central role in immune defense against <i>Streptococcus pneumoniae</i> . In order to evade complement attack, pneumococci have evolved a number of mechanisms that limit complement mediated opsonization and subsequent phagocytosis. This review focuses on the strategies employed by pneumococci to circumvent complement mediated immunity, both <i>in vitro</i> and <i>in vivo</i> . At last, since many of the proteins involved in interactions with complement components are vaccine candidates in different stages of validation, we explore the use of these antigens alone or in combination, as potential vaccine approaches that aim at elimination or drastic reduction in the ability of this bacterium to evade complement.
Fomento	