### RESEARCH

# An evaluation of emerging vaccines for childhood pneumococcal pneumonia

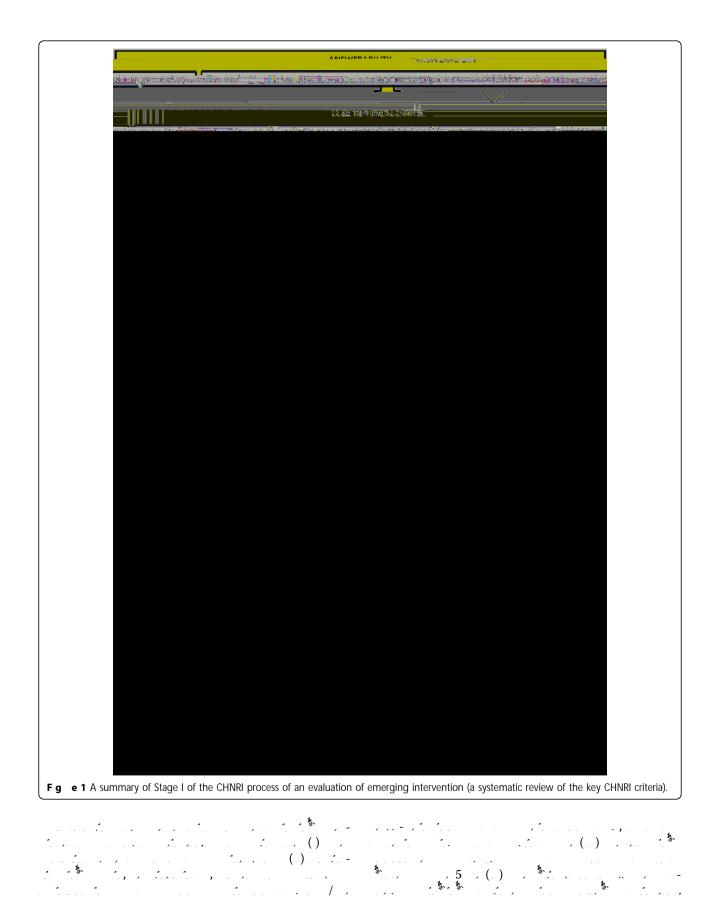
Julia Webster<sup>1+</sup>, Evropi Theodoratou<sup>1+</sup>, Harish Nair<sup>1,2</sup>, Ang Choon Seong<sup>1</sup>, Lina Zgaga<sup>1</sup>, Tanvir Huda<sup>3</sup>, Hope L Johnson<sup>4</sup>, Shabir Madhi<sup>5</sup>, Craig Rubens<sup>6</sup>, Jian Shayne F Zhang<sup>1</sup>, Shams El Arifeen<sup>3</sup>, Ryoko Krause<sup>7</sup>, Troy A Jacobs<sup>8</sup>, Abdullah W Brooks<sup>3,4</sup>, Harry Campbell<sup>1</sup>, Igor Rudan<sup>1,9\*</sup>

#### Ab ac

- . . . . . : Pneumonia is the leading cause of child mortality worldwide. Streptococcus pneumoniae (SP) or pneumococcus

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S. pneumoniae 4
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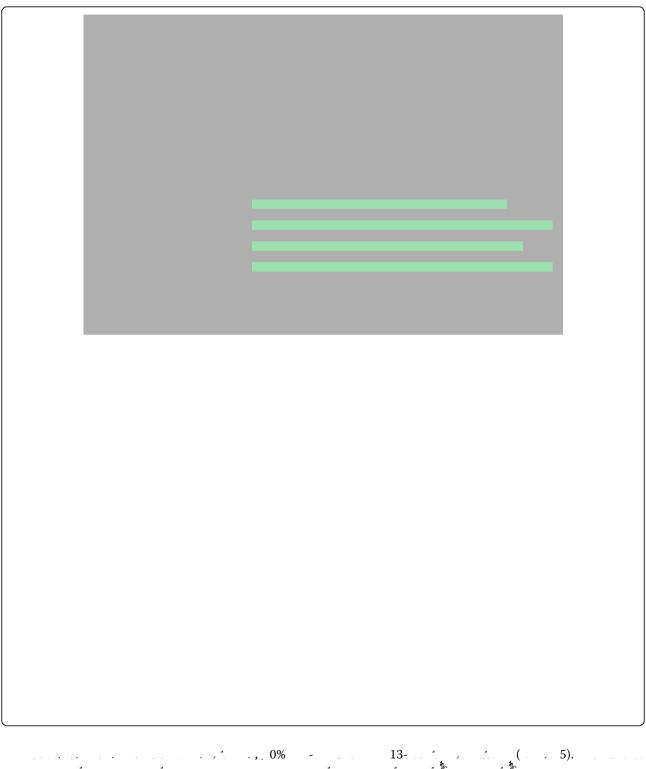
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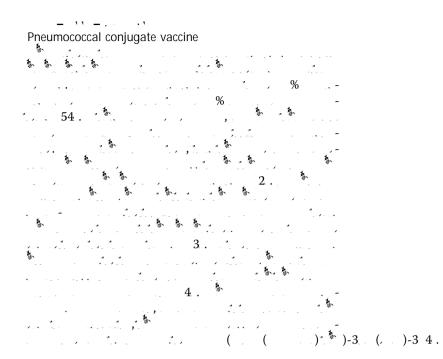
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Pneumococcal conjugate vaccine



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