

## UpToDate からフルテキストを閲覧

UpToDate 内で参照された「トピックレファレンス(Topic References)」を、さらにそのフルテキストまで閲覧できるよう、フルテキストリンクが付与されました。

### 使用方法

1. フルテキストを参照したいレファレンスをクリックします:

The screenshot shows the UpToDate interface for the topic 'Avian influenza A H7N9: Treatment and prevention'. On the left is a navigation menu with sections like 'SUMMARY & RECOMMENDATIONS', 'INTRODUCTION', 'TREATMENT', 'PREVENTION', 'OUTCOMES', 'SUMMARY AND RECOMMENDATIONS', 'REFERENCES', 'GRAPHICS', and 'TABLES'. The main content area is titled 'REFERENCES' and lists 20 references. Reference 9, 'Zhou J, Wang D, Gao R, et al. Biological features of novel avian influenza A (H7N9) virus. Nature 2013; 499:500.', is highlighted with a red rectangular box.

2. 次に「Medline Abstract for Reference」が表示されます。「Check for full text availability」ボタンをクリック

てください:

The screenshot shows the Medline abstract for reference 3. The title is 'Influenza A (H5N1): will it be the next pandemic influenza? Are we ready?'. The authors are Bartlett JG, Hayden FG. The journal is Ann Intern Med. 2005;143(6):460. The PMID is 16172445. A red box highlights the 'Check for full text availability' button, which is located next to the 'Kyushu University PubMed' link.

3: 九州大学のリンクリゾルバー画面に繋がります。もしフルテキストへのアクセスが可能な場合は、Get PDF や Full Text 等が表示されます。リクエストした論文へのリンクが出ない場合は、右側に表示される、“きゅうと LinQ 画面で他のリンクを確認する”をクリックし他の手段を探すことも可能です。サポートが必要な場合は、図書館までお問い合わせください。

### Biological features of novel avian influenza A (H7N9) virus

Zhou, Jianfang; Wang, Dayan; Gao, Rongbao; Zhao, Baihui; Song, Jingdong; 等など. *Nature* 499.7459 (Jul 25, 2013): 500-3.

全文 PDF 書誌情報/抄録 参考文献 30

抄録 翻訳

Human infection associated with a novel reassortant avian influenza H7N9 virus has recently been identified in China\*sup 1\*. A total of 132 confirmed cases and 39 deaths have been reported\*sup 2\*. Most patients presented with severe pneumonia and acute respiratory distress syndrome\*sup 3,4\*. Although the first epidemic has subsided, the presence of a natural reservoir and the disease severity highlight the need to evaluate its risk on human public health and to understand the possible pathogenesis mechanism. Here we show that the emerging H7N9 avian influenza virus poses a potentially high risk to humans. We discover that the H7N9 virus can bind to both avian - type (α2,3-linked sialic acid) and human-type (α2,6-linked sialic acid) receptors. It can invade epithelial cells in the human lower respiratory tract and type II pneumonocytes in alveoli, and replicated efficiently in ex vivo lung and trachea explant culture and several mammalian cell lines. In acute serum samples of H7N9-infected patients, increased levels of the chemokines and cytokines IP-10, MIG, MIP-1β, MCP-1, IL-6, IL-8 and IFN-α were detected. We note that the human population is naive to the H7N9 virus, and current seasonal vaccination could not provide protection. [PUBLICATION ABSTRACT]

全文 翻訳

**Headnote**  
Human infection associated with a novel reassortant avian influenza H7N9 virus has recently been identified in China\*sup 1\*. A total of 132 confirmed cases and 39 deaths have been reported\*sup 2\*. Most patients presented with severe pneumonia and acute respiratory distress syndrome\*sup 3,4\*. Although the first epidemic has subsided, the presence of a natural reservoir and the disease severity highlight the need to evaluate its risk on human public health and to understand the possible pathogenesis mechanism. Here we show that the emerging H7N9 avian influenza virus poses a potentially high risk to humans. We discover that the H7N9 virus can bind to both avian - type (α2,3-linked sialic acid) and human-type (α2,6-linked sialic acid) receptors. It can invade epithelial cells in the human lower respiratory tract and type II pneumonocytes in alveoli, and replicated efficiently in ex vivo lung and trachea explant culture and

ProQuestで検索...

PDFをダウンロード

書誌情報 電子メール  
印刷 ... 詳細

選択アイテムを追加

被引用文献 (61)  
参考文献を共有するドキュメント (2624)

関連のあるアイテム

インデックス用語で検索

主題

- Pandemics
- Infections
- Viruses
- Age
- Preferences

詳細...

**LinQ**  
Kyushu University Library

**Biological features of novel avian influenza A (H7N9) virus.**

著者: Zhou, Jianfang J  
ジャーナル: Nature (London)  
ISSN: 0028-0836  
日付: 2013/07  
巻: 499 号: 7459 ページ: 500-503  
PMID: 23823727  
DOI: 10.1038/nature12379

ProQuest Central ⓘ ▲  
ジャーナル  
1990/01/04 - 1年前  
>> 利用規定

この文献を提供している他のプラットフォーム:  
プラットフォームを選択

役立つリンク ▲

本文にアクセスできない場合  
お問い合わせ先  
被引用回数・抄録・関連論文をチェック  
Web of Science  
SCOPUS  
Google Scholar  
雑誌のインパクトファクターを調べる  
Journal Citation Reports  
その他  
世界の文献  
Google

メール エクスポート

日本語

きゅうとLinQ画面で他のリンクを確認する

新しいタブでコンテンツを開く