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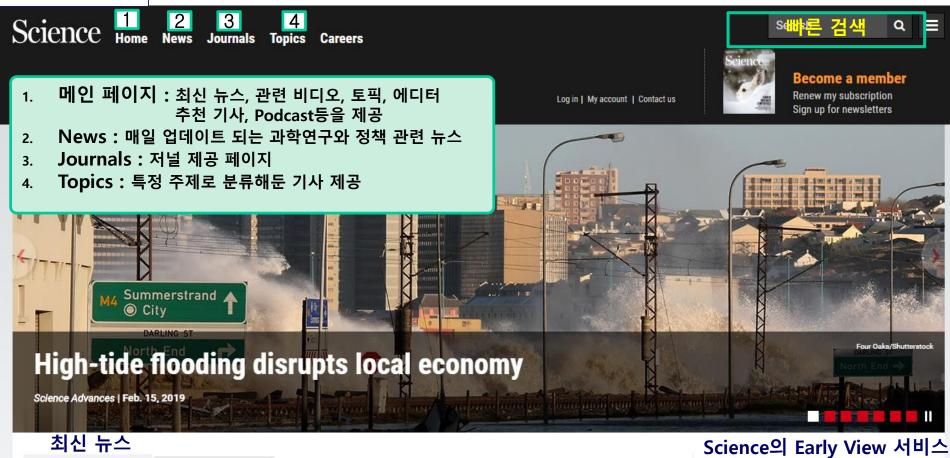
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Structures of human Nav1.7 channel in complex with auxiliary subunits and animal toxins

Molecular basis for pore blockade of human Na+ channel Nav1 2 by the (mu)-conotoxin



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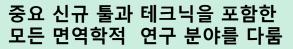
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BY JOHN BEDDINGTON

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Parallel adaptation of rabbit populations to myxoma virus

BY JOEL M. ALVES, MIGUEL CARNEIRO, JADE Y. CHENG, ANA LEMOS DE MATOS, MASMUDUR M. RAHMAN, LIISA LOOG, PAULA F. CAMPOS, NATHAN WALES, ANDERS ERIKSSON, ANDREA MANICA, TANJA STRIVE, STEPHEN C. GRAHAM, SANDRA AFONSO, DIANA J. BELL, LAURA BELMONT, JONATHAN P. DAY, SUSAN J. FULLER, STÉPHANE MARCHANDEAU, WILLIAM J. PALMER, GUILLAUME QUENEY, ALISON K. SURRIDGE, FILIPE G. VIEIRA, GRANT MCFADDEN, RASMUS NIELSEN, M. THOMAS P. GILBERT, PEDRO J. ESTEVES, NUNO FERRAND, FRANCIS M. JIGGINS

PUBLISHED ONLINE | 14 FEB 2019 | €

DOI: 10.1126/science.aau7285 Abstract Full Text 🖹 PDF

Structures of human Na_v1.7 channel in complex with auxiliary subunits and animal toxins

BY HUAIZONG SHEN, DONGLIANG LIU, KUN WU, JIANLIN LEI, NIENG YAN PUBLISHED ONLINE \mid 14 Feb 2019 \mid \triangleq

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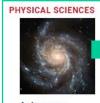


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Valerie Thompson, Editor

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IN DEPTH EVOLUTION

Vol. 363, Issue 6428, pp. 678

How rabbits escaped a deadly virus—at least for now

저자 및 논문 정보 Elizabeth Pennisi + See all authors and affiliations Science 15 Feb 2019:



Summary

New research has written another chapter in the textbook case of an arms race between a host and its pathogen. The main characters in this 70-year seesaw drama are the voracious European rabbit (Oryctolagus cuniculus) and a virus deliberately released in France and Australia to kill off the rabbits and protect fields and pastures. Working with museum specimens collected decades ago, a team has discovered that rabbits on two continents evolved the same genetic changes to beat back the virus—before the virus itself changed to regain the upper hand. The find is another striking example of how evolution sometimes repeats itself, and suggests we might be able to predict nature's course in to some degree.



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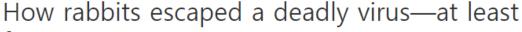


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Elizabeth Pennisi

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Science 15 Feb 2019: Vol. 363, Issue 6428, pp. 67 DOI: 10.1126/science.363.64



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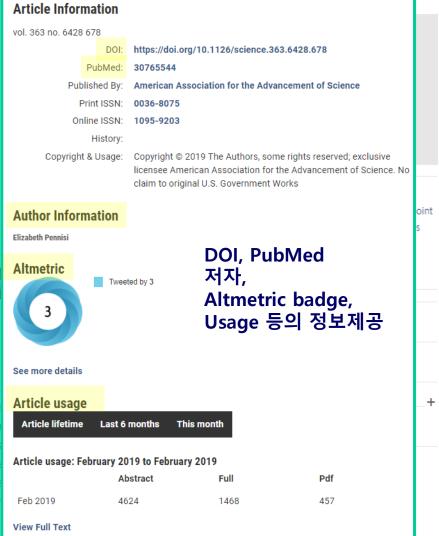
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IN DEPTH | EVOLUTION

How rabbits escaped a deadly virus—at least for now

Elizabeth Pennisi

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Science 15 Feb 2019: Vol. 363, Issue 6428, pp. 678 DOI: 10.1126/science.363.6428.678

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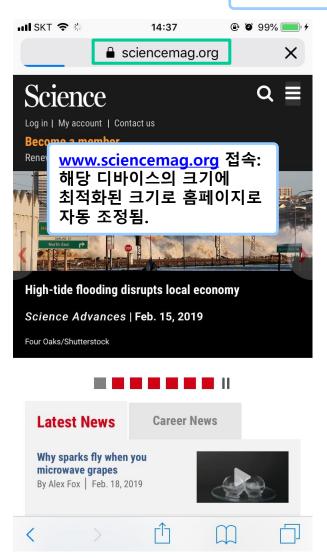
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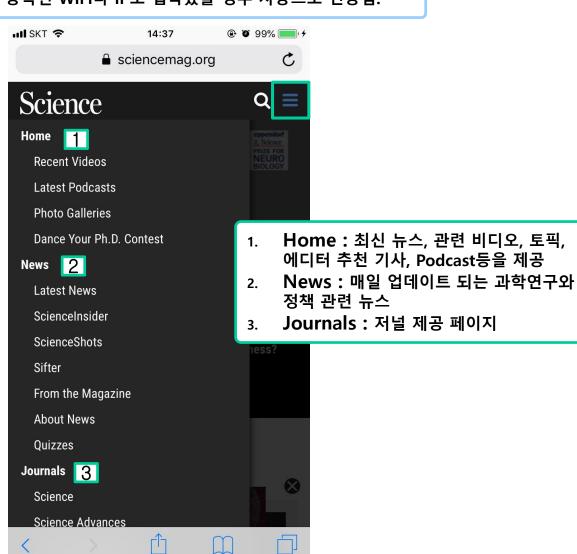


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