ANIMAL

DOUBLE-STRAND RNA VIRUS
Recent US bluetongue virus serotype 3 isolates found outside of Florida indicate evidence of reassortment with co-circulating endemic serotypes
E. E. Schirtzinger, D. C. Jasperson, E. N. Ostlund, D. J. Johnson and W. C. Wilson

NEGATIVE-STRAND RNA VIRUSES
Antigenic site changes in the rabies virus glycoprotein dictates functionality and neutralizing capability against divergent lyssaviruses

Different effects of two mutations on the infectivity of Ebola virus glycoprotein in nine mammalian species
Y. Kurosaki, M. T. Ueda, Y. Nakano, J. Yasuda, Y. Koyanagi, K. Sato and S. Nakagawa

The use of novel epitope-tagged arenaviruses reveals that Rab5c-positive endosomal membranes are targeted by the LCMV matrix protein
C. M. Ziegler, E. A. Bruce, J. A. Kelly, B. R. King and J. W. Botten

POSITIVE-STRAND RNA VIRUSES
Self-association and conformational variation of NS5A domain 1 of hepatitis C virus
S. Beldar, M. S. S. Manimekalai, N.-J. Cho, K. Baek, G. Grüber and H. S. Yoon

Predominant role of IPS-1 over TRIF adaptor proteins in early innate immune response against Zika virus in mice
J. Piret, J. Carbonneau, C. Rhéaume, M. Baz and G. Boivin

Mitigating the risk of Zika virus contamination of raw materials and cell lines in the manufacture of biologicals

Vaccination of sows with a dendritic cell-targeted porcine epidemic diarrhea virus S1 protein-based candidate vaccine reduced viral shedding but exacerbated gross pathological lesions in suckling neonatal piglets
S. Subramaniam, D. M. Yugo, C. L. Heffron, A. J. Rogers, H. Sooryanarain, T. LeRoith, C. Overend, D. Cao and X.-J. Meng

Evaluation of the population heterogeneity of TBEV laboratory variants using high-throughput sequencing

LARGE DNA VIRUS
A comparison of the effect of molluscum contagiosum virus MC159 and MC160 proteins on vaccinia virus virulence in intranasal and intradermal infection routes

RETROVIRUSES
The experimental transmission of reticuloendotheliosis virus by cock semen
Q. Su, Y. Li, Z. Cui, S. Chang and P. Zhao
INSECT
RNA VIRUS
Culex quinquefasciatus mosquitoes do not support replication of Zika virus

DNA VIRUS
Production of GP64-free virus-like particles from baculovirus-infected insect cells
L. C. S. Chaves, B. M. Ribeiro and G. W. Blissard