

CV (short) – John Lednicky, PhD

A. **CURRENT POSITION**: Research Professor

Environmental and Global Health
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B. **EDUCATION**

B.S., Microbiology, University of Miami, Dec. 1978

M.S., Microbiology, University of Missouri - Kansas City (mentor: M. Rogolsky, Ph.D.),
May 1984

Ph.D., Microbiology, University of Texas - Austin (mentor: W.R.Folk, Ph.D.), Aug. 1991

Dissertation Title: Molecular-Genetic Analysis of the SV40 Upstream Promoter
Elements

Thesis Advisor: William R. Folk, Ph.D., Dept. of Biochemistry, Univ. of Missouri –
Columbia (prior: Univ. Texas – Austin)

C. **RECENT APPOINTMENTS**

Assistant Professor (1/01- 6/05), Department of Pathology, Loyola University Medical
Center

Principal Scientist (7/05/2005 – 12/16/2009), Midwest Research Institute

Adjunct Research Associate Professor, 11/2006 – 9/2010, Department of Basic Medical
Sciences, University of Missouri-Kansas City, Kansas City, Missouri

Senior Science Advisor (12/17/2009 – 9/21/2010), Midwest Research Institute

Associate Professor (10/1/2010 to July 1, 2017), Environmental and Global Health,
University of Florida, Gainesville

Research Professor (July 2, 2017 to present), Environmental and Global Health,
University of Florida, Gainesville

D. **PUBLICATIONS**

Peer-reviewed research manuscripts

1. Jackson MP, DeSena J, **Lednicky J**, McPherson B, Haile R, Garrison RG, Rogolsky M.
Isolation and characterization of a bacteriophage factor that confers competence for

genetic transformation to an exfoliative toxin-producing strain of *Staphylococcus aureus*. Infect Immun. 1983 Feb;39(2):939-47. PMID: 6219953

2. **Lednický J**, Folk WR. Two synthetic Sp1-binding sites functionally substitute for the 21-base-pair repeat region to activate simian virus 40 growth in CV-1 cells. J Virol. 1992 Nov;66(11):6379-90. PMID: 1328672

3. **Lednický JA**, Wong C, Butel JS. Artificial modification of the viral regulatory region improves tissue culture growth of SV40 strain 776. Virus Res. 1995 Feb;35(2):143-53. PMID: 7762288

4. **Lednický JA**, Garcea RL, Bergsagel DJ, Butel JS. Natural simian virus 40 strains are present in human choroid plexus and ependymoma tumors. Virology 1995 Oct 1;212(2):710-7. PMID: 7571441

5. Stewart AR, **Lednický JA**, Benzick US, Tevethia MJ, Butel JS. Identification of a variable region at the carboxy terminus of SV40 large T-antigen. Virology 1996 Jul 15;221(2):355-61. PMID: 8661447

6. **Lednický JA**, Jafar S, Wong C, Butel JS. High-fidelity PCR amplification of infectious copies of the complete simian virus 40 genome from plasmids and virus-infected cell lysates. Gene 1997 Jan 15;184(2):189-95. PMID: 9031627

7. **Lednický JA**, Butel JS. A coupled PCR and restriction digest method for the detection and analysis of the SV40 regulatory region in infected-cell lysates and clinical samples. J Virol Methods 1997 Feb;64(1):1-9. PMID: 9029524

8. **Lednický JA**, Butel JS. Tissue culture adaptation of natural isolates of SV40: changes occur in viral regulatory region but not in carboxy-terminal domain of large T-antigen. J Gen Virol. 1997 Jul;78 (Pt 7):1697-705. PMID: 9225047

9. **Lednický JA**, Stewart AR, Jenkins JJ 3rd, Finegold MJ, Butel JS. SV40 DNA in human osteosarcomas shows sequence variation among T-antigen genes. Int J Cancer 1997 Sep 4;72(5):791-800. PMID: 9311596

10. Rubelj I, Venable SF, **Lednický J**, Butel JS, Bilyeu T, Darlington G, Surmacz E, Campisi J, Pereira-Smith OM. 1997. Loss of T-antigen sequences allows SV40-transformed human cells to escape crisis and acquire the senescent phenotype. J Gerontol A Biol Sci Med Sci. 1997 Sep;52(5):B229-34. PMID: 9310070

11. **Lednický JA**, Arrington AS, Stewart AR, Dai XM, Wong C, Jafar S, Murphey-Corb M, Butel JS. Natural isolates of simian virus 40 from immunocompromised monkeys display extensive genetic heterogeneity: New implications for polyomavirus disease. J Virol. 1998 May;72(5):3980-90. PMID: 9557685

12. Stewart AR, **Lednický JA**, Butel JS. Sequence analyses of human tumor-associated SV40 DNAs and SV40 viral isolates from monkeys and humans. *J Neurovirol.* 1998 Apr;4(2):182-93. PMID: 9584955
13. Butel JS, Arrington AS, Wong C, **Lednický JA**, Finegold MJ. Molecular evidence of SV40 infections in children. *J Infect Dis.* 1999 Sep;180(3):884-7. PMID: 10438386
14. Arrington AS, **Lednický JA**, Butel JS. Molecular characterization of SV40 DNA in multiple samples from a human mesothelioma. *Anticancer Res.* 2000 Mar-Apr;20(2A):879-84. PMID: 10810370
15. Strickler HD; International SV40 Working Group. A multicenter evaluation of assays for detection of SV40 DNA and results in masked mesothelioma specimens. *Cancer Epidemiol Biomarkers Prev.* 2001 May;10(5):523-32. PMID: 11352864
16. Vilchez RA, **Lednický JA**, Halvorson SJ, White ZS, Kozinetz CA, Butel JS. Detection of polyomavirus SV40 tumor antigen DNA in AIDS-related systemic Non-Hodgkin's lymphoma. *J Acquir Immune Defic Syndr.* 2002 Feb 1;29(2):109-16. PMID: 11832678
17. **Lednický JA**, Halvorson SJ, Butel JS. PCR Detection and DNA sequence analysis of the regulatory region of lymphotropic papovavirus in peripheral blood mononuclear cells of an immunocompromised Rhesus macaque. *J Clin Microbiol.* 2002 Mar;40(3):1056-9. PMID: 11880438 PMCID: PMC120229
18. **Lednický JA**, Vilchez RA, Keitel WA, Visnegarwala F, White ZS, Kozinetz CA, Lewis DE, Butel JS. Polyomavirus JCV excretion and genotype analysis in HIV-infected patients receiving highly active antiretroviral therapy. *AIDS.* 2003 Apr 11;17(6):801-7. PMID: 12660526
19. Ling PD, **Lednický JA**, Keitel WA, Poston DG, White ZS, Peng R, Liu Z, Mehta SK, Pierson DL, Rooney CM, Vilchez RA, Smith EO, Butel JS. The dynamics of herpesvirus and polyomavirus reactivation and shedding in healthy adults: a 14-month longitudinal study. *J Infect Dis.* 2003 May 15;187(10):1571-80. Epub 2003 Apr 30. PMID: 12721937
20. **Lednický JA**, Meehan TP, Kinsel MJ, Dubach J, Hungerford LL, Sarich NA, Witecki KE, Braid MD, Pedrak C, Houde CM. Effective primary isolation of wild-type *Canine distemper virus* in MDCK, MV1 Lu and Vero cells without nucleotide sequence changes within the entire haemagglutinin protein gene and in subgenomic sections of the fusion and phospho protein genes. *J Virol Methods.* 2004 Jun 15;118(2):147-57. PMID: 15081610
21. Rubinas TC, Carey RB, Kampert MC, Alkan S, **Lednický JA**. Fatal hemorrhagic pneumonia concomitant with *Chlamydia pneumoniae* and parainfluenza virus 4 infection. *Arch Pathol Lab Med.* 2004 Jun;128(6):640-4. PMID: 15163237

22. Zdziarski JM, Sarich NA, Witecki KE, **Lednický JA**. Molecular analysis of SV-40-CAL, a new slow growing SV-40 strain from the kidney of a caged New World monkey with fatal renal disease. *Virus Genes*. 2004 Oct;29(2):183-90. PMID: 15284478

23. Forsman ZH, **Lednický JA**, Fox GE, Willson RC, White ZS, Halvorson SJ, Wong C, Lewis AM Jr, Butel JS. Phylogenetic analysis of polyomavirus simian virus 40 from monkeys and humans reveals genetic variation. *J Virol*. 2004 Sep;78(17):9306-16. PMID: 15308725
PMCID: PMC506915

24. Wright MH, Cera LM, Sarich NA, **Lednický JA**. Reverse Transcription – Polymerase Chain Reaction Detection and Nucleic Acid Sequence Confirmation of Reovirus Infection in Laboratory Mice with Discordant Serologic Indirect Immunofluorescence Assay and Enzyme-Linked Immunosorbent Assay Results. *Comp Med*. 2004 Aug;54(4):410-7. PMID:15357322

25. **Lednický JA**, Dubach J, Kinsel MJ, Meehan TP, Bocchetta M, Hungerford LL, Sarich NA, Witecki KE, Braid MD, Pedrak C, Houde CM. Genetically distant American *Canine distemper virus* lineages have recently caused epizootics with somewhat different characteristics in raccoons living around a large suburban zoo in the USA. *Virol J*. 2004 Sep 2;1:2. PMID: 15507154 PMCID: PMC524033

<http://virologyj.biomedcentral.com/articles/10.1186/1743-422X-1-2>

26. Cutrone R, **Lednický J**, Dunn G, Rizzo P, Bocchetta M, Chumakov K, Minor P, Carbone M. Some oral poliovirus vaccines were contaminated with infectious SV40 after 1961. *Cancer Res*. 2005 Nov 15;65(22):10273-9. PMID: 16288015

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27. Hamilton SB, Daniels DE, Sosna WA, Jeppesen ER, Owells JM, Halpern MD, McCurdy KS, Rayner JO, **Lednický JA**. Gas-permeable ethylene bags for the small scale cultivation of highly pathogenic avian influenza H5N1 and other viruses in embryonated chicken eggs. *Virol J*. 2010 Jan 28;7:23. doi: 10.1186/1743-422X-7-23. PMID: 20109234 PMCID: PMC2825208

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28. **Lednický JA**, Villanueva JM, Burke SA, Shively R, Shaw MW, Daniels DE, Hamilton SB, Donis R. Validation of a method for preparing influenza H5N1 simulated samples. *J Virol Methods*. 2010 Aug;167(2):125-31. doi: 10.1016/j.jviromet.2010.03.022. Epub 2010 Apr 1. PMID: 20362615

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29. Tuttle RS, Sosna WA, Daniels DE, Hamilton SB, **Lednický JA**. Design, assembly, and validation of a nose-only inhalation exposure system for studies of aerosolized viable

influenza H5N1 virus in ferrets. *Virology*. 2010 Jun 23;7:135. doi: 10.1186/1743-422X-7-135. PMID: 20573226 PMCID: PMC2917419

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30. **Lednicky JA**, Hamilton SB, Tuttle RS, Sosna WA, Daniels DE, Swayne. Ferrets develop fatal influenza after inhaling small particle aerosols of highly pathogenic avian influenza virus A/Vietnam/1203/2004 (H5N1). *Virology*. 2010 Sep 15;7:231. doi: 10.1186/1743-422X-7-231. PMID: 20843329 PMCID: PMC2949836

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31. **Lednicky JA**, Crutch CR, Lawrence SJ, Hamilton SB, Daniels DE, Astroff B. A nonlethal young domesticated ferret (*Mustela putorius furo*) model for studying pandemic influenza virus A/California/04/2009 (H1N1). *Comp Med*. 2010 Oct;60(5):364-8. PMID: 21262121 PMCID: PMC2958204

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32. Hamilton SB, Wyatt DE, Wahlgren BT, O'Dowd MK, Morrissey JM, Daniels DE, **Lednicky JA**. Higher titers of some H5N1 and recent human H1N1 and H3N2 influenza viruses in Mv1 Lu vs. MDCK cells. *Virology*. 2011 Feb 11;8:66. doi: 10.1186/1743-422X-8-66. PMID: 21314955 PMCID: PMC3046928

<http://www.virology.com/content/pdf/1743-422X-8-66.pdf>

33. **Lednicky JA**, Waltzek TB, Halpern MD, Hamilton SB. Comparative Analysis of the Full-Length Genome Sequence of a Clinical Isolate of Human Parainfluenza Virus 4B. *Scientifica (Cairo)*. 2012;2012:871201. doi: 10.6064/2012/871201. PMID: 24278751 PMCID: PMC3820592

<http://www.hindawi.com/journals/scientifica/2012/871201/>

34. **Lednicky JA**, Waltzek TB, McGeehan E, Loeb JC, Hamilton SB, Luetke MC. Isolation and genetic characterization of human coronavirus NL63 in primary human renal proximal tubular epithelial cells obtained from a commercial supplier, and confirmation of its replication in two different types of human primary kidney cells. *Virology*. 2013 Jun 27;10:213. doi: 10.1186/1743-422X-10-213. PMID: 23805916. PMCID: PMC3716658 Article chosen as one of "Editor's Picks" for the June 2013 issue; editor's summary available.

<http://www.biomedcentral.com/content/pdf/1743-422X-10-213.pdf>

35. **Lednicky JA**, Loeb JC. Detection and Isolation of Airborne Influenza A H3N2 Virus Using a Sioutas Personal Cascade Impactor Sampler. *Influenza Res Treat*. 2013;2013:656825. doi: 10.1155/2013/656825. Epub 2013 Oct 10. PMID: 24224087 PMCID: PMC3810434

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36. **Lednický JA**, Butel JS, Luetke MC, Loeb JC. Complete genomic sequence of a new Human polyomavirus 9 strain with an altered noncoding control region. *Virus Genes*. 2014 Dec;49(3):490-2. doi: 10.1007/s11262-014-1119-z. Epub 2014 Sep 27. PMID: 25260554
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37. Memish ZA, Almasri M, Assirri A, Al-Shangiti AM, Gray GC, **Lednický JA**, Yezli S. Environmental sampling for respiratory pathogens in Jeddah airport during the 2013 Hajj season. *Am J Infect Control*. 2014 Dec;42(12):1266-9. doi: 10.1016/j.ajic.2014.07.027. Epub 2014 Nov 25. PMID: 25465254
<http://www.sciencedirect.com/science/article/pii/S0196655314010293>
38. Sanpui P, Zheng X, Loeb JC, Bisesi JH Jr, Khan IA, Afroz AR, Liu K, Badireddy AR, Wiesner MR, Ferguson PL, Saleh NB, **Lednický JA**, Sabo-Attwood T. Single-walled carbon nanotubes increase pandemic influenza A H1N1 virus infectivity of lung epithelial cells. *Part Fibre Toxicol*. 2014 Dec 14;11:66. doi: 10.1186/s12989-014-0066-0. PMID: 25497303 PMCID: PMC4318452
<http://www.particleandfibretoxicology.com/content/11/1/66>
39. Fennelly KP, Tribby MD, Wu C-Y, Heil GL, Radonovich LJ, Loeb JC, **Lednický JA**. Collection and measurement of aerosols of viable influenza virus in liquid media in an Andersen cascade impactor. *Virus Adaptation and Treatment*. 2014 Dec; 7:1–9. doi: <http://dx.doi.org/10.2147/VAAT.S74789>
40. Sayler KA, Barbet AF, Chamberlain C, Clapp WL, Alleman R, Loeb JC, **Lednický JA**. Isolation of Tacaribe virus, a Caribbean arenavirus, from host-seeking *Amblyomma americanum* ticks in Florida. *PLoS One*. 2014 Dec 23;9(12):e115769. doi: 10.1371/journal.pone.0115769. eCollection 2014. PMID: 25536075 PMCID: PMC4275251 PMCID: PMC4275251
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4275251/pdf/pone.0115769.pdf>
41. Perri MG, Peoples-Sheps M, Blue A, **Lednický JA**, Prins C. Public health education at the University of Florida: synergism and educational innovation. *Am J Public Health*. 2015 Mar;105 Suppl 1:S83-7. doi: 10.2105/AJPH.2014.302414. PMID:25706027
<http://ajph.aphapublications.org/doi/abs/10.2105/AJPH.2014.302414>
42. Iovine NM, Morris JG Jr, Fredenburg K, Rand K, Alnuaimat H, Lipori G, Brew J, **Lednický JA**. Severity of influenza A(H1N1) illness and emergence of D225G variant, 2013-14 influenza season, Florida, USA. *Emerg Infect Dis*. 2015 Apr;21(4):664-7. doi: 10.3201/eid2104.141375. PMID: 25811540 PMCID: PMC4378462
http://wwwnc.cdc.gov/eid/article/21/4/14-1375_article

43. **Lednicky JA**, Iovine NM, Brew J, Loeb JC, Sugimoto JD, Rand KH, Morris JG. Hemagglutinin Gene Clade 3C.2a Influenza A(H3N2) Viruses, Alachua County, Florida, USA, 2014-15. *Emerg Infect Dis.* 2016 Jan;22(1):121-3. doi: 10.3201/2201.151019. PMID: 26692074 PMCID: PMC4696699
http://wwwnc.cdc.gov/eid/article/22/1/15-1019_article
44. Pan M, Eiguren-Fernandez A, Hsieh H, Afshar-Mohajer N, Hering SV, **Lednicky J**, Hugh Fan Z, Wu CY. Efficient collection of viable viral aerosol through laminar flow water-based condensational particle growth. *J Appl Microbiol.* 2016 Mar;120(3):805-15. doi: 10.1111/jam.13051. PMID: 26751045
<http://onlinelibrary.wiley.com/doi/10.1111/jam.13051/pdf>
45. Khan E, Farooqi JQ, Barr KL, Prakoso D, Nasir A, Kanji A, Shakoob S, Malik FR, Hasan R, **Lednicky JA**, Long MT. Flaviviruses as a cause of undifferentiated fever in Sindh Province, Pakistan: A preliminary report. *Front Public Health.* 2016 Feb 16;4:8. doi: 10.3389/fpubh.2016.00008. eCollection 2016. PMID: 26909342 PMCID: PMC4754388
<http://journal.frontiersin.org/article/10.3389/fpubh.2016.00008/full>
46. Artiaga BL, Yang G, Hackmann TJ, Liu Q, Richt JA, Salek-Ardakani S, Castleman WL, **Lednicky JA**, Driver JP. α -Galactosylceramide protects swine against influenza infection when administered as a vaccine adjuvant. *Sci Rep.* 2016 Mar 23;6:23593. doi: 10.1038/srep23593. PMID: 27004737 PMCID: PMC480428
<http://www.nature.com/articles/srep2359>
47. Samuel J, Beck L, Appler J, Ballin J, Bushner D, Cahall R, Davenport M, Egan C, Gebhardt J, Hadfield T, Hale M, Hopkins K, Kato C, Kayatani A, Kesterson K, Khan S, Kiss K, **Lednicky J**, Naraghi-Arani P, O'Brien S, Ong K, Rebeil R, Roth K, Scheckelhoff M, Yost E, Coates S. Standard Method Performance Requirements (SMPRs) for Detection of *Coxiella burnetti*. AOAC SMPR 2015.011. *J AOAC Int.* 2016 Jan-Feb;99(1):298-302. doi: 10.5740/jaoac.int.SMPR2015.011. PMID:27053472
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48. **Lednicky J**, Pan M, Loeb J, Hsieh H, Eiguren-Fernandez A, Hering S, Fan ZH, Wu C-Y. Highly efficient collection of infectious pandemic Influenza H1N1 virus (2009) through laminar-flow water based condensation. *Aerosol Science and Technology.* 2016. **50**, no. 7, i-iv. DOI: 10.1080/02786826.2016.1179254.
<http://www.tandfonline.com/doi/full/10.1080/02786826.2016.1179254>

49. **Lednicky J**, Beau De Rochars VM, El Badry M, Loeb J, Telisma T, Chavannes S, Anilis G, Cella E, Ciccozzi M, Rashid M, Okech B, Salemi M, Morris JG Jr. Zika Virus Outbreak in Haiti in 2014: Molecular and Clinical Data. *PLoS Negl Trop Dis*. 2016 Apr 25;10(4):e0004687. doi: 10.1371/journal.pntd.0004687. eCollection 2016 Apr. PMID: 27111294 PMCID: PMC4844159. Chosen for **PLoS Editor's Picks, Microbiology, Category: Clinical Science and Epidemiology**: 31 May 2016.
<http://journals.plos.org/plosntds/article?id=10.1371%2Fjournal.pntd.0004687>
50. Anderson BD, Ma M, Xia Y, Wang T, Shu B, **Lednicky JA**, Ma MJ, Lu J, Gray GC. Bioaersol Sampling in Modern Agriculture: A Novel Approach for Emerging Pathogen Surveillance? *J Infect Dis*. 2016 May 6. pii: jiw180. PMID:27190187
<http://jid.oxfordjournals.org/content/early/2016/05/06/infdis.jiw180.long>
51. Jiang X, Pan M, Hering SV, **Lednicky J**, Wu CY, Fan ZH. Use of RNA amplification and electrophoresis for studying virus aerosol collection efficiency and their comparison with plaque assays. *Electrophoresis*. 16 May 2016. elps.201600141. DOI: 10.1002/elps.201600141. PMID: 27196379
<http://onlinelibrary.wiley.com/doi/10.1002/elps.201600141/pdf>
52. White SK, Ma W, McDaniel CJ, Gray GC, Lednicky JA. Serologic evidence of exposure to influenza D virus among persons with occupational contact with cattle. *J Clin Virol*. 2016 Aug;81:31-3. doi: 10.1016/j.jcv.2016.05.017. PMID: 27294672
<http://www.sciencedirect.com/science/article/pii/S1386653216301160>
53. Elbadry M, **Lednicky J**, Cella E, Telisma T, Chavannes S, Loeb J, Ciccozzi M, Okech B, De Rochars VM, Salemi M, Morris JG Jr. Isolation of an Enterovirus D68 from blood from a child with pneumonia in rural Haiti: Close phylogenetic linkage with New York strain. *Pediatr Infect Dis J*. 2016 Sep;35(9):1048-50. doi: 10.1097/INF.0000000000001283. PMID: 27331858
http://journals.lww.com/pidj/Abstract/publishahead/Isolation_of_an_Enterovirus_D68_from_Blood_from_a.97351.aspx
54. **Lednicky JA**, Bonny TS, Morris JG, Loeb JC. Complete Genome Sequence of Enterovirus D68 Detected in Classroom Air and on Environmental Surfaces. *Genome Announc*. 2016 Jun 16;4(3). pii: e00579-16. doi: 10.1128/genomeA.00579-16. PMID: 27313311
<http://genomea.asm.org/content/4/3/e00579-16.full>
55. Cortés-Hinojosa G, Doescher B, Kinsel M, **Lednicky J**, Loeb J, Waltzek T and Wellehan, JFX, Jr. Coinfection of *California Sea Lion Adenovirus 1* and a novel polyoma virus in a Hawaiian Monk Seal (*Neomonachus schauinslandi*). *J Zoo and Wildlife Med*. 2016 Jun 30;47(2), pp. 427 - 437. PMID: 27468013 doi: 10.1638/2014-0252.1
<http://www.bioone.org/doi/pdf/10.1638/2014-0252.1>

56. Yanheng Wu, Jiahai Lu, Wuyang Shi, Jinsi Lin, Man Wang, Xueqing Chen, Kangkang Liu, Ying Xie, Le Luo, Benjamin D. Anderson, **John A. Lednicky**, Gregory C. Gray and Tao Wang. Aerosolized Avian Influenza A (H5N6) Virus Isolated from a Live Poultry Market, China. *J Infect.* 2017 Jan;74(1):89-91. doi: 10.1016/j.jinf.2016.08.002.
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57. **Lednicky J**, Beau De Rochars VM, Elbadry M, Loeb J, Telisma T, Chavannes S, Anilis G, Cella E, Ciccozzi M, Okech B, Salemi M, Morris, Jr, JG. Isolation of *Mayaro virus* from a child with acute febrile illness in Haiti. *Emerg Infect Dis.* 2016 Nov;22(11):2000-2002. doi: 10.3201/eid2211.161015. PMID: 27767924
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58. Iovine N, **Lednicky J**, Cherabuddi K, Crooke H, White SK, Loeb JC, Cella E, Ciccozzi M, Salemi M, and Morris Jr., JG. Co-Infection with Zika and Dengue-2 Viruses in a Traveler Returning from Haiti, 2016: Clinical Presentation and Genetic Analysis. *Clin. Infect. Dis.* 2016 Sept 29. *Clin Infect Dis.* 2016 Sep 29. pii: ciw667. PMID: 27694479. DOI: 10.1093/cid/ciw667
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Picked as one of EDITOR'S CHOICE

59. Beau De Rochars VM, **Lednicky J**, White S, Loeb J, Elbadry MA, Telisma T, Chavannes S, Anilis MG, Cella E, Ciccozzi M, Okech BA, Salemi M, Morris JG Jr. Isolation of Coronavirus NL63 from blood from children in rural Haiti: Phylogenetic similarities with recent isolates from Malaysia. *Am J Trop Med Hyg.* 2016 Oct 31. pii: 16-0585. [Epub ahead of print]. PMID: 27799635 DOI: 10.4269/ajtmh.16-0585
<http://www.ajtmh.org/content/early/2016/10/27/ajtmh.16-0585.long>

60. Cherabuddi K, Iovine NM, Shah K, White SK, Paisie T, Salemi M, Morris JG Jr, Lednicky J. Zika and chikungunya virus co-infection in a traveller returning from Colombia: virus isolation and genetic analysis. *JMM Case Reports* , 2016 3, doi: 10.1099/jmmcr.0.005072 DOI 10.1099/jmmcr.0.005
<http://jmmcr.microbiologyresearch.org/content/journal/jmmcr/10.1099/jmmcr.0.005072>

61. Artiaga BL, Yang G, Hutchinson TE, Loeb JC, Richt JA, **Lednicky JA**, Salek-Ardakani S, Driver JP. Rapid control of pandemic H1N1 influenza by targeting NKT-cells. *Sci Rep.* 2016 Nov 29;6:37999. doi: 10.1038/srep37999. PMID: 27897246
<http://www.nature.com/articles/srep37999>

62. Tania S. Bonny, John P. Driver, Taylor Paisie, Marco Salemi, J. Glenn Morris, Jr., Lisa Shender, Lisa Smith, Carolyn Enloe, Kevin Oxenrider, Jeffery A. Gore, Julia C. Loeb, Chang-Yu Wu, and **John A. Lednicky**. Detection of alphacoronavirus vRNA in the feces of Brazilian free-tailed bats (*Tadarida brasiliensis*) from a colony in Florida, USA. *Diseases* 2017, 5, 7; doi:10.3390/diseases5010007

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63. Sarah K. White, J. Glenn Morris Jr., Maha A. Elbadry, Julia C. Loeb, Valery Madsen Beau de Rochars, Bernard A. Okech, **John A. Lednicky**. Complete genome sequences of Chikungunya viruses isolated from plasma specimens collected from Haitians in 2014. *Genome Announc.* 2017 Apr 13;5(15). pii: e00148-17. doi: 10.1128/genomeA.00148-17. PMID: 28408671

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1. Sue Denny, John Lednicky, and Ralph Horne. Avian Influenza (H5N1) Laboratory Fact Sheet. December 2006. Missouri Department of Health and Senior Services, State Public Health Laboratory.

2. Dr. John Lednicky, Dr. Jonathan Rayner, Dr. David Franz. Resources for Information on the H1N1 Swine Influenza Virus and Recommendations for Vaccination. Sept 14, 2009. Presented by MRI to US Senator Sam Brownback (Kansas).

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3. Lednicky JA, Butel JS. Polyomavirus, Polyomaviridae, pp. 630-634. In: Tidona, C.A. and Darai, G. (eds.), *The Springer Index of Viruses*. Springer-Verlag, Berlin, 2001.
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Letter to editor

Carbone M, Bocchetta M, Cristaudo A, Emri S, Gazdar A, Jasani B, **Lednicky J**, Miele L, Mutti L, Pass HI, Ramael M, Rizzo P, Testa JR, Weggen S, Yeung A. 2003. SV40 and human brain tumors. *Int J Cancer* 106:140-142.

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2. **Lednický, J. A.**, and W. R. Folk. 1990. SV40 promoter activator binding site substitution studies. Department of Agriculture Science Exposition, The Univ. of Mo., Columbia.
3. **Lednický, J. A.**, and W. R. Folk. 1991. Sp1 binding sites specifically activate replication and growth of SV40 in CV-1 cells. Poster session, Molecular Biology Week, The Univ. of Mo., Columbia.
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10. Ling, P. D., R. S. Peng, D. Pierson, **J. Lednický**, and J. S. Butel. 1999. Latent viruses – a space travel hazard? First Biennial Space Biomedical Investigators' Workshop, January 11-13, 1999.
11. **Lednický, J. A.** Overview of NSBRI Immunology, Infection, and Hematology team joint project with the IBMP (Institute for Biomedical Problems, State Research Center of Russia). Presented July 9, 1999 (Baylor College of Medicine) to students attending the

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21. Rubinas, T. C., S. Alkan, and **J. A. Lednicky**. Identification of an Obscure Virus and a Co-infecting Bacterium as the Probable Causes of a Mysterious Fatal Pneumonia Masquerading as a Hantavirus Hemorrhagic Pneumonia. Research Day 2003 (April 24, 2003), US Dept. of Veterans Affairs, Edward Hines Jr. VA Hospital, Maywood, Illinois.
22. **Lednicky, J. A.**, A. Guido, A. Cox, H. Downes, and J. S. Butel. JCV Host Cell Tropism is Largely Dictated by JCV Capsid Proteins. International Symposium, Polyomaviruses and Human Diseases: Basic and Clinical Perspectives, Florence, Italy, May 8-10, 2003.
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33. **J. Lednicky**, J. Butel, R. Vilchez, S. Halvorson, and J. Loeb. Life-long Infection by the Same JC Virus Strain. EPI Research Day, University of Florida, (February 23, 2012).
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University of Florida, (February 23, 2012).

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42. Pallab Sanpui, Julia Loeb, **John Lednicky**, Navid Saleh and Tara Sabo-Attwood Single-Walled Carbon Nanotubes Increase Influenza Virus Infectivity in Lung Cells. SOT Annual Meeting (March 10 – 14, 2013) at San Antonio, TX.

43. Sayler KA, **Lednicky J**, Barbet A, Clapp W, Alleman AR. Discovery of a Caribbean Arenavirus, the Tacaribe virus, isolated from Lone Star ticks (*Amblyomma americanum*) in North Central Florida. Annual Phi Zeta Research Emphasis Day, 15 March 2013. *Katherine Sayler received best poster honors for graduate students, and won an overall graduate student award that resulted in a plaque and \$500.

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virus infectivity by single-walled carbon nanotubes with distinct chirality. EPI Research Day, University of Florida, Feb. 20, 2014.

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51. Katherine Sayler, Anthony Barbet, Casey Chamberlain, William Clapp, Julia Loeb, and **John Lednicky**. Isolation of an arenavirus, the Tacaribe virus, from host-seeking *Amblyomma americanum* ticks in Florida. EPI Research Day, University of Florida, Feb. 26, 2015.

52. Benjamin D. Anderson, Mengmeng Ma, Yao Xia, Tao Wang, Bo Shu, **John A. Lednicky**, Jiahai Lu, and Gregory C. Gray. A One Health Approach for Studying Swine Influenza Virus Transmission in Pig Farms, China. 3rd International Symposium on Neglected Influenza Viruses, Athens, Georgia, USA, April 15 – 17, 2015.

53. Thuy Ngo, Tara Sabo-Attwood, and **John Lednicky**. Predictive Model for Disease Severity of a Novel Rhinovirus C Strain. Poster for internship project presentation by Thuy Ngo, MPH candidate, 26 July 2015, Univ FL College of PPHP.

54. Dipesh Das, A.R.M. Nabiul Afrooz, **John Lednicky**, Tara Sabo-Attwood, and Navid B. Saleh. Nano-bio Interaction: Influence of Carbon Nanotubes on Virus Like Particle (VLP) transport Through Saturated Porous Media. For symposium: Environmental Transformation of Nanoparticles: Processes, Mechanisms, and Ecological Impacts. Division of Environmental Chemistry. 250th ACS National Meeting in Boston, Massachusetts. August 16-20, 2015.

55. Anderson BD, Ma M, Xia Y, Wang T, Shu B, **Lednicky JA**, Gray GC. A One Health

Approach for Studying Swine Influenza Virus Transmission in Pig Farms, China. International Conference on Emerging Infectious Diseases, Atlanta, Georgia, USA, August 24-26, 2015.

56. Maohua Pan, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, **John Lednicky**, Hugh Fan, and Hsin Hsieh. A Novel Sampler for Viral Aerosols through Water-based Condensation Particle Growth AAAR 34th Annual Conference in Minneapolis, MN, USA, October 12-16, 2015.

57. Kenneth H. Rand, M.D., Maura Pieretti PhD, Rodney Arcenas PhD, Stacy G. Beal, M.D., and **John Lednicky PhD**. Semi-Quantitative Patient Data from a Multiplex Respiratory Viral Panel (RVP): Can We Learn Something from Population-Based Study? Association for Molecular Pathology (AMP) 2015 Annual Meeting, Nov. 5 – 7, Austin, Texas.

58. **John Lednicky**, Maohua Pan, Julia Loeb, Hsin Hsieh, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, Hugh Fan. Highly Efficient Collection of Viable Influenza Virus A/Mexico/4108/2009 (pdmH1N1). AAAR 34th Annual Conference in Minneapolis, MN, USA, October 12-16, 2015.

59. Hoaran Hu, Chang-Yu Wu, Nima Afshar-Mohajer, **John A. Lednicky**, Z. Hugh Fan, and Alexander Theodore. Size amplification of virus aerosol by batch adiabatic-expansion for size intensification by condensation (BASIC). AAAR 34th Annual Conference in Minneapolis, MN, USA, October 12-16, 2015.

60. **John Lednicky**, Maohua Pan, Julia Loeb, Hsin Hsieh, Arantzazu Eiguren-Fernandez, Mohajer, Susanne Hering, Chang-Yu Wu, Hugh Fan, Nima Afsha-Mohajer. Collection of viable airborne viruses by a highly efficient air sampler. ASM Biodefense Conference, Hyatt Regency Crystal City, Arlington, VA, USA, February 8 – 10, 2016.

61. Kenneth Rand, Maura Pieretti, Rodney Arcenas, Stacy Beal, Herbert Houck, Emma Boslet, **John Lednicky**. Semi-Quantitative Patient Data from a Multiplex Respiratory Viral Panel (RVP): Can We Learn Something from Population-Based Study? Annual University of Florida College of Medicine Celebration of Research, Monday, February 22, 2016, 5:30-8:30 pm Stephen C. O'Connell Center, UF.

62. Shannon Hentschel, Hao Chen, Julia Loeb, **John Lednicky**, and Tara Sabo-Attwood. Influenza infectivity modulation by carbon nanoparticles on sialic acid. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.

63. Xiao Jiang, Christopher L. Cassano, **John Lednicky**, Chang-Yu Wu, and Z. Hugh Fan. Paper-based microfluidic devices for detecting RNA from flu virus. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.

64. Sarah White, Wenjen Ma, Clinton McDaniel, Gregory Gray, and **John Lednicky**. Serologic evidence of exposure to influenza D virus among persons with occupational exposure to cattle. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.
65. Hao Chen, Xiao Zheng, Justine Nicholas, Julia Loeb, Joseph H. Bisesi Jr., Sarah Robinson, **John Lednicky**, and Tara Sabo-Attwood. Single-walled carbon nanotubes suppress pulmonary immune response and increase infectivity on influenza virus exposed mice. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.
66. Maha Elbadry, Valery Madsen Beau De Rochars, Massimiliano Tagliamonte, Mohammed Rashid, Jacques Boncy, Yves Jean Frantz Louis, J. Glenn Morris, Jr., **John Lednicky**, and Bernard Okech. Post-chikungunya fever epidemic cluster of dengue virus 1 infections among school children in Gressier Region, Ouest Department, Haiti. EPI Research Day, Emerging Pathogens Institute, Gainesville, FL. 18 Feb. 2016.
67. John Lednicky. Zika virus in Haiti in 2014: viral genomic and clinical data. Fourteenth Southeastern Regional Virology Conference (SERVC) 2016. Emory Conference Center, Atlanta, GA. 8 – 10 April, 2016.
68. Sarah White, Wenjen Ma, Clinton McDaniel, Gregory Gray, and **John Lednicky**. Serologic evidence of exposure to influenza D virus among persons with occupational exposure to cattle. PHHP Research Day, HPNP Reception Hall, Gainesville, FL. 13 Apr. 2016.
69. Maohua Pan, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, **John Lednicky**, Hugh Fan, Hsin Hsieh. A novel sampler for virus aerosols through water-based condensation particle growth. 4th Workplace and Indoor Aerosols Conference, Barcelona, Spain. 20 – 22 April 2016.
70. **John Lednicky**, Maohua Pan, Julia Loeb, Hsin Hsieh, Arantzazu Eiguren-Fernandez, Susanne Hering, Z. Hugh Fan, Chang-Yu Wu. Highly Efficient Collection of Viable Influenza Virus A/Mexico/4108/2009 (pdmH1N1) Aerosols. 4th Workplace and Indoor Aerosols Conference, Barcelona, Spain. 20 – 22 April 2016.
71. Meeting abstract (presented in conference as a talk): Anderson BD, Ma M, Xia Y, Wang T, Shu B, **Lednicky JA**, Ma MJ, Lu J, Gray GC. Bioaerosol Sampling an Effective Approach to Studying Influenza A virus in Chinese Swine Farms. Options IX for the Control of Influenza, Chicago, IL. Presented as an Oral Presentation at the International Society for Influenza and Other Respiratory Virus Diseases (ISIRV) 24 – 28 Aug. 2016.
72. Maohua Pan, Arantzazu Eiguren-Fernandez, Nima Afshar-Mohajer, Susanne Hering, Chang-Yu Wu, **John Lednicky**, Hugh Fan, Hsin Hsieh, and Patricia B. Keady. A Highly

Efficient Sampler for Viable Virus Aerosols using Water-based Condensation Particle Growth. Biodefense World Summit, Baltimore, MD, June 27-30, 2016.

73. Meeting abstract (presented in conference as a talk): Haoran Yu, Chang-Yu Wu, Nima Afshar-Mohajer, **John A. Lednicky**, Z. Hugh Fan, Alexander Theodore and Liming Dong. Size Amplification and Preservation of the Viability of Aerosolized Virus during Collection by Batch Adiabatic-expansion for Size Intensification by Condensation (BASIC). AAAR 35th Annual Conference, 17 – 21 Oct. 2016.

74. Poster: Xiao Jiang, Maohua Pan, Susanne V. Hering, **John Lednicky**, Chang-Yu Wu, Z. Hugh Fan. Use of RNA Amplification and Electrophoresis for Studying Virus Aerosol Collection Efficiency and Their Comparison with Plaque Assays. AAAR 35th Annual Conference, 17 – 21 Oct. 2016.

75. Maohua Pan, Tania Bonny, Julia Loeb, Xiao Jiang, **John Lednicky**, Arantzazu Eiguren-Fernandez, Susanne Hering, Hugh Fan, Chang-Yu Wu. Collection of Viable Virus Aerosol in a Student Health Care Center through Water-Based Condensation Growth. AAAR 35th Annual Conference, 17 – 21 Oct. 2016.

76. Anderson BD, **Lednicky JA**, Gray GC. Bioaerosol Sampling In Swine Production Facilities: A Review Of The Literature. EcoHealth, 3 – 7 December 2016, Melbourne, Australia.

77. Maohua Pan, Tania Bonny, Julia Loeb, Xiao Jiang, John Lednicky, Arantzazu Eiguren-Fernandez, Susanne Hering, Hugh Fan, Chang-Yu Wu. Collection of airborne influenza virus in a student health care center through water-based condensation growth. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

78. Tania S. Bonny, John P. Driver, Taylor Paisie, Marco Salemi, John Glenn Morris, Lisa A. Shender, Lisa Smith, Carolyn Enloe, Kevin Oxenrider, Jeffery A. Gore, Julia C. Loeb, Chang-Yu Wu, **John A. Lednicky**. Detection of alphacoronavirus vRNA in Brazilian free-tailed bats (*Tadarida brasiliensis*) from a colony in Florida, USA. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

79. Sara Humes, Hao Chen, **John Lednicky**, Viet Dang, Nancy Denslow, and Tara Sabo-Attwood. Impacts of carbon nanotubes on lung cell lipidome and host immune responses following infection with pandemic influenza A virus. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

80. Tania Bonny and **John Lednicky**. Isolation and identification of human coronavirus 229E (HCoV-229E) from frequently touched environmental surfaces in a classroom. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

81. Xiao Jiang, Julia Loeb, **John Lednicky**, Chang-Yu Wu, and Hugh Fan. Paper-based

microfluidic devices for detecting RNA from flu virus. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

82. Hao Chen, Julia Loeb, Sara Humes, Sarah Robinson, **John Lednicky**, Tara Sabo-Attwood. Single-walled carbon nanotubes increase influenza A virus infectivity through oxidative stress in vitro. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

83. Sarah White, **John Lednicky**, Valery Madsen Beau De Rochars, Maha Elbadry, Bernard Okech, and J. Glenn Morris. Detection of arbovirus co-infections of humans during a chikungunya virus outbreak, Haiti, 2014. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

84. Sarah White, **John Lednicky**, James Dunford, and Bernard Okech. Detection of chikungunya-, dengue- and zika viruses in mosquitoes collected in Haiti, 2016. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

85. Gabriela Blohm, **John Lednicky**, Alberto Paniz-Mondolfi, J. Glenn Morris, Jr., Marco Salemi, Julia Loeb, Sarah White, Taylor Paisie, and David Nolan. Evidence for transmission of zika virus from mother to baby by breast milk. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

86. Gabriela Blohm, **John Lednicky**, Alberto Paniz-Mondolfi, Tania Bonny, Julia Loeb, Juliet Puliam, and J. Glenn Morris, Jr. Isolation of dengue 4 virus in clinical specimens from Venezuela during the outbreak of zika fever. Emerging Pathogens Institute Research Day, 23 Feb. 2017.

87. Mai-Juan Ma, MD, Guo-Lin Wang, PhD student, Benjamin Anderson, PhD, Zhen-Qiang Bi, MD, Bing Lu, MS, Xian-Jun Wang, MS, Chuang-Xin Wang, MS, Shan-Hui Chen, MS, Yan-Hua Qian, MPH, Shao-Xia Song, MS, Min Li, MS, **John A. Lednicky**, PhD, Teng Zhao, PhD student, Meng-Na Wu, MS student, Wu-Chun Cao, PhD and Gregory Gray, MD, MPH. Evidence for Cross-species Influenza A Virus Transmission within Swine Farms, China. Abstract # 64165, IDWeek 2017. 12 May 2017.

88. Sarah White, **John Lednicky**, J. Glenn Morris Jr., Bernard Okech, and James Dunford, University of Florida, Gainesville, FL, Navy and Marine Corps Public Health Center, Portsmouth, VA ESA Section: Medical, Urban, and Veterinary Entomology (MUVE) - Detection of Chikungunya-, Dengue- and Zika viruses in mosquitoes collected in Haiti, 2016. Entomology 2017, ESA's 65th Annual Meeting, November 5-8 Denver, Colorado. Presented 8 Nov., 2017.

89. Gabriela M. Blohm, Xiao Jiang, J. Glenn Morris, Jr. and **John A. Lednicky**. Rapid diagnostic test for Zika virus in dried blood spots with low demands on instrumentation. Florida Health Zika meeting. 9 Oct. 2017, Florida Health Zika Research Symposium, Florida Atlantic University, Boca Raton, Florida.

90. Bianca L. Artiaga, Guan Yang, Julia C. Loeb, Jürgen A. Richt, Jeffrey R. Abbott, **John A. Lednicky** & John P. Driver. Comparing NKT cell therapy to oseltamivir phosphate (Tamiflu®) for controlling pandemic H1N1 influenza. AAI annual meeting (presented May 18, 2018).
91. Trevor B. Tilly,, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez⁴, Saber M. Hussain, Tara L. Sabo-Attwood, **John A. Lednicky**, Chang-Yu Wu. Optimization of DAVID Cell Exposure System for Toxicity Analysis of Nanoparticles at the Air-Liquid Interface. Submitted 1/30/2018 to International Aerosol Conference/AAAR 2018.
92. Ryan X. Ward, Trevor B. Tilly, Sarah Robinson, Arantzazu Eiguren-Fernandez³, Tara L. Sabo-Attwood, **John A. Lednicky**, Chang-Yu Wu. Reducing toxicity of welding fume particles by amorphous silica encapsulation. Submitted 1/30/2018 to International Aerosol Conference/AAAR 2018.
93. Xiao Jiang, Julia Loeb, Maohua Pan, Trevor Tilly, **John Lednicky**, Chung-Yu Wu, and Hugh fan. A 3D printed point-of-care device for nuclei acid based virus detection. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.
94. Sara Humes, Hao Chen, **John Lednicky**, Tara Sabo-Attwood. Impacts of single-walled carbon nanotubes on host lipid metabolism and its role in immune responses following Influenza A virus infection. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.
95. Hao Chen, Sara Humes, Julia Loeb, Sarah Robinson, **John Lednicky**, and Tara Sabo-Attwood. Role of oxidative stress in SWNCT inhibited innate immune responses to viral infections in vitro. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.
96. Hannah M. Barber, Olivia Goodfriend, Katherine Saylor, Julia Loeb, **John Lednicky**, Thomas Waltzek, Kuttichantran Subramaniam, Healthier Waldren, Samantha Wisely, Juan M. Campos Krauer. Causes of death in Florida farmed white-tailed deer (*Odocoileus virginianus*) during 2017. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.
97. Camilly Pires de Mello, Xun Tao, Julia Loeb, Jurgen Bulitta, **John Lednicky**, Ashley Brown. Clinical regimens of favipiravir inhibit zika virus (ZIKV) replication in the hollow fiber infection model system. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.
98. Sarah White, **John Lednicky**, Bernard Okech, J. Glenn Morris, Jr., and James

Dunford. Detection and sequencing of Spondweni virus in field caught *Culex quinquefasciatus* mosquitoes, Haiti 2016. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

99. **John Lednicky**, Sarah White, Kuttichantran Subramaniam, Thomas Waltzek, and J. Glenn Morris, Jr. First detection of Chikungunya virus with a 3' UTR insert in a Haitian patient. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

100. **John Lednicky**, Sarah White, Maha Elbadry, and J. Glenn Morris, Jr. First detection of Oropouche virus in a human in Haiti. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

101. Erum Khan, Dhani Prakosos, Alizae Abbas, Zain Khan, Shanze Ashi, Kehkashan Imtiaz, Z Aziz, Faisal Malik, **John Lednicky**, Kelli Barr, Maureen Long. Human West Nile virus disease outbreak in Pakistan: 2015-2016. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

102. Gabriela Blohm, **John Lednicky**, Sarah White, Carla Mavian, Marilianna Marquez, Kellyh Gonzalez-Garcia, Marco Salemi, J. Glenn Morris, Jr., and Alberto Paniz-Mondolfi. IDENTIFICATION OF A LINEAGE III STRAIN IN A VENEZUELAN CHILD WITH ACUTE UNDIFFERENTIATED FEBRILE ILLNESS, IN THE SETTING OF A POSSIBLE EQUINE EPIZOOTIC. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

103. Ashley Brown, Julia Loeb, Sarah White, Camilly Pires de Mello, Maha Elbadry, Gabriela Blohm, Tania Bonny, J. Glenn Morris, Jr., and **John Lednicky**. MINIMAL TO NO CHANGE OF ZIKA VIRUS CONSENSUS SEQUENCES AFTER ISOLATION AND LOW PASSAGE IN VERO CELLS. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

104. Caroline Stephenson, Sarah White, Maha Elbadry, Valery Madsen Beau De Rochars, Julia Loeb, J. Glenn Morris, Jr., and **John Lednicky**. Preliminary evidence of a wave of Orthobunyavirus infections in Haiti in 2014 during sequential outbreaks of arbovirus infections. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

105. Gabriella Blohm, Xiao Jiang, J. Glenn Morris, Jr., and **John Lednicky**. Rapid diagnostic test for Zika virus in dried blood spots with low demands on instrumentation. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

106. Md. Shamim Ahasan, Kuttichantran Subramaniam, Katherine Sayler, Julia Loeb, Vsevolod Popov, **John Lednicky**, Samantha Wisely, Thomas Waltzek, Juan Campos

Krauer. Isolation and molecular characterization of a novel mammalian orthoreovirus type 2 from Florida white-tailed deer. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

107. Maohua Pan, Leah Carol, **John Lednicky**, Arantzazu Eiguren Fernandez, Susanne Hering, Hugh Fan, Chang Yu-Wu. Particle size distributions of infectious viruses using water-based condensational growth technology. Emerging Pathogens Institute Research Day, 15 Feb. 2018, University of Florida, Gainesville.

108. Maohua Pan, Leah Carol, Anael Mamane, **John A. Lednicky**, Arantzazu Eiguren-Fernandez, Susanne Hering, Z. Hugh Fan, Chang-Yu Wu. Effects of temperature and water condensation on the sampling of infectious influenza H1N1 viruses through water-based condensational growth. 10th International Aerosol Conference (IAC 2018), September 2-7, 2018 at the America's Center in St. Louis, Missouri, USA.

109. Maohua Pan, Leah Carol, Anael Mamane, **John A. Lednicky**, Arantzazu Eiguren-Fernandez, Susanne Hering, Z. Hugh Fan, Chang-Yu Wu. DETERMINING DISTRIBUTION OF INFECTIOUS VIRUSES IN AEROSOL PARTICLES USING WATER-BASED CONDENSATIONAL GROWTH TECHNOLOGY. 10th International Aerosol Conference (IAC 2018), September 2-7, 2018 at the America's Center in St. Louis, Missouri, USA.

110. Trevor B. Tilly, Ryan X. Ward, Jiva K. Luthra, Sarah Robinson, Arantzazu Eiguren-Fernandez, Saber M. Hussain, Tara L. Sabo-Attwood, **John A. Lednicky**, Chang-Yu Wu. Optimization of DAVID Cell Exposure System for Toxicity Analysis of Nanoparticles at the Air-Liquid Interface. 10th International Aerosol Conference (IAC 2018), September 2-7, 2018 at the America's Center in St. Louis, Missouri, USA.

111. Sara Humes, Julia Loeb, Cindy Prins, Nicole Iovine, **John Lednicky**, and Tara Sabo-Attwood. Exploring lipid profiles and the use of multiplex PCR assays in human sputum samples. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

112. Hannah M. Barber, Sydney L. Cottingham, Olivia Goodfriend, Katherine Saylor, **John Lednicky**, Thomas Waltzek. Jason Blackburn, Heather Walden, Samantha Wisely, and Juan M. Campos Krauer. Causes of death in Florida farmed white-tailed deer (*Odocoileus virginianus*) during 2017-2018. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

113. Alberto Paniz-Mondolfi, Gabriela Blohm, Marier Hernandez-Perez, Agatha Larrazabal, Daniela Moya, Mariliana Marquez, Alejandra Talamo, **John Lednicky**, J. Glenn Morris, Jr. Cutaneous features of Zika virus infection: a clinicopathological overview. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

114. **John Lednicky**, Julia Loeb, Caroline Stephenson, and J. Glenn Morris, Jr. Detection and isolation of Heartland virus from ticks collected off a pet cat in Gainesville, Florida. Emerging

Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

115. Caroline Stephenson, Julia Loeb, Maha Elbadry, Gabriela Blohm, Md. Mahbulul Alam, James Dunford, J. Glenn Morris Jr., **John Lednicky**, and Bernard Okech. Detection of *Zika virus* in field-caught *Aedes aegypti* in Haiti, January to May 2017. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

116. Caroline Stephenson, Seokyoung Kang, **John Lednicky**, and Rhoel Dinglasan. Differential susceptibilities and immune responses of *Aedes aegypti* to two Dengue 4 virus strains. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

117. Maha Elbadry, Gabriela Blohm, Sarah White, Taina Telisma, **John Lednicky**, and J. Glenn Morris, Jr. First isolations of *Melao virus* from humans: The Haiti story. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

118. Julia Loeb, Olivia Goodfriend, Kuttichantran Subramaniam, Mohammad Shamim Ahasan, Katherine Sayler, Vsevolod Popov, Juan Campos, Thomas Waltzek, Samantha Wisely, and **John Lednicky**. Isolation and identification of *Epizootic hemorrhagic disease -*, *Bluetongue -*, *Mule deerpox -*, and novel viruses from dead farmed Florida white-tailed deer (*Odocoileus virginianus*). Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

119. Gabriela Blohm, **John Lednicky**, Marilianna Marquez, Julia Loeb, J. Glenn Morris, Jr., and Alberto Paniz-Mondolfi. Isolation of *Mayaro virus* from a patient that developed guttate psoriasis during the 2016 epidemic of *Zika virus* in Venezuela. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

120. Gabriela Blohm, Julia Loeb, Xiao Jiang, J. Glenn Morris, Jr., and **John Lednicky**. Rapid diagnostic test for *Zika virus* in dried blood spots with low demands on instrumentation Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

121. Lawrence Thirion, **John Lednicky**, Xavier de Lamballerie, Maha Elbadry, Md Mahbulul Alam, Gabriela Blohm, Caroline Stephenson, Julia Loeb, J. Glenn Morris, Jr., and Remi N. Charrel. Tailor-made lyophilized primers & probe reagents for real-time molecular diagnosis of emerging viruses: application for exploring the causes of febrile illness in children in Haiti. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

122. Mohammad Shamim Ahasan, Kuttichantran Subramaniam, Katherine Sayler, Julia Loeb, Vsevolod Popov, **John Lednicky**, Samantha Wisely, Thomas Waltzek, and Juan M. Campos Krauer. A novel mammalian orthoreovirus type 2 isolated from a dead white-tailed deer in Florida. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

123. Mohammad Shamim Ahasan, Juan M. Campos Krauer, Kuttichantran Subramaniam, **John Lednicky**, Julia Loeb, Katherine Sayler, Samantha Wisely, and Thomas Waltzek. Genomic characterization of novel strains of big cypress orbivirus and mobuck virus isolated from dead

white-tailed deer (*Odocoileus virginianus*) in Florida. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

124. Carlos Manzanos, Xiao Jiang, Julia Loeb, **John Lednicky**, and Z. Hugh Fan. Sample preparation and RNA amplification for *Zika virus* detection at the point of care. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

125. Alberto Paniz-Mondolfi, Adriana Tami, Maria Grillet, Marillianna Marquez, Gabriela Blohm, Isis Mejias, Julio Castro, **John Lednicky**, and J. Glenn Morris, Jr. The resurgence of vaccine-preventable diseases in Venezuela: a threat to regional public health in the Americas. Emerging Pathogens Institute Research Day, 7 Feb. 2019, Gainesville, Florida.

126. Mohammad Shamim Ahasan, Kuttichantran Subramaniam, **John A. Lednicky**, Julia C. Loeb, Katherine A. Sayler, Juan M. Campos Krauer, Samantha M. Wisely, Thomas B. Waltzek. Phylogenomic Characterization of Novel Orbiviruses Isolated From White-tailed Deer (*Odocoileus virginianus*). Submitted 3/15/2019 to 2019 Wildlife Disease Association Meeting.

Talks (partial list)

1. Highly Pathogenic Avian Influenza Viruses: Mini-review and Development of a Laboratory for Live Agent Inhalation Exposure Studies. Department of Pathology, University of Texas Health and Science Center, Houston, Texas, May 30, 2008.

2. Different Clinical Outcomes Following Aerosol or Intranasal Exposure to Influenza H5N1 Virus in the Ferret. Aerobiology in BioDefense III Conference, Rocky Gap Conference Center, Cumberland, MD, July 15, 2009.

3. Exposure of ferrets to aerosolized virulent *Influenza virus* H5N1 strain Vietnam/1203/2004. Department of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University, Oct. 29, 2009.

4. SV40, and an Effective Nose-Only Inhalation Exposure System Suitable for Studies of Airborne Pathogens Including Oncogenic Viruses. Cancer Research Center of Hawaii, University of Hawaii, Honolulu, Hawaii, 12 Nov. 2009.

5. A nose-only inhalation exposure study in ferrets using aerosolized virulent *Influenza virus* H5N1 strain Vietnam/1203/2004. College of Global Health and Health Professions, University of Florida, Gainesville, Florida, 7 June 2010.

6. A nose-only inhalation exposure system for studies of aerosolized pathogens in small animals. College of Veterinary Medicine, University of Florida, Gainesville, Florida, 27 Sept. 2011.

7. Refinement of Virus Detection and Isolation Methodologies for Aerobiology Studies. Viral Surrogate Pathogen Workshop, 16 May 2012, Naval Research Laboratory, Washington, DC.
8. Recent studies regarding the aerobiology of influenza and other respiratory viruses. Public Health Seminar Series, College of Public Health and Health Professions. University of Florida, 18 Feb. 2013.
9. Collection of viable airborne viruses using air samplers. Biomedical Education Seminar Series. Burnett School of Biomedical Sciences, University of Central Florida, 7 February 2014.
10. **Keynote Address:** One Health – A multidisciplinary approach to monitor and control public health threats. BioKansas; Fifth Annual One Health Summit. March 6, 2014, Sporting Park, Kansas City, Kansas.
11. Experiments on the collection of airborne viruses in public airspaces. Emerging Pathogens Institute, University of Florida, Gainesville, Florida, 14 March 2014.
12. The Ebola Outbreak in West Africa: Understanding the Virus and the Public Health Challenges It Poses. John Lednicky (Part 1: Virology and Clinical Aspects) and Paul Psychas (Part 2: Epidemiology and Public Health). Emerging Pathogens Institute, University of Florida, Gainesville, Florida, 27 August 2014.
13. Therapeutic Potential of α -Neurotoxoids. Three-part presentation by Jay Yourist (Part 1), Patrick Corsino (Part 2), and **John Lednicky** (Part 3). Office of Biodefense, Research Resources and Translational Research, Division of Microbiology and Infectious Diseases National Institute of Allergy and Infectious Diseases, National Institute of Health, Rockville, Maryland, 11 Sept. 2014.
14. Ebola: The Disease, the Virus, the Current Outbreak, and Infection Control Practices. Veterans Health Administration's National Center for Occupational Health and Infection Control, Commerce Building, Gainesville, Florida, 8 Oct. 2014.
15. Ebola 101. Presented at the UF Mini Medical School Symposium. Cancer Genetics Research Complex, Auditorium (Room 101), UF, Gainesville, Florida, 21 Nov. 2014.
16. Improvements in air sampling methodologies for studies of airborne respiratory pathogens. John Lednicky. 3rd Global Centre for Mass Gathering Medicine Scientific Advisory Board Meeting. Radisson Blu Hotel, Riyadh, Saudi Arabia. 29 March, 2015.
17. Some recent surprises regarding tick-borne viruses. John Lednicky. 3rd Global Centre for Mass Gathering Medicine Scientific Advisory Board Meeting. Radisson Blu Hotel, Riyadh, Saudi Arabia. 30 March, 2015.

18. Zika virus in Haiti in 2014: viral genomic and clinical data. Fourteenth Southeastern Regional Virology Conference (SERVC) 2016. Emory Conference Center, Atlanta, GA. 8 – 10 April, 2016.

19. A new approach to sampling infectious bioaerosols. Invited (closed door) presentation. Talk given in 3 parts: by Pat Keady, AEROSOL DEVICES INC., Fort Collins, CO, and C.Y. WU and **John Lednicky**, Univ. FL, 22 Sept. 2016, Dept. Homeland Security Headquarters, Washington, DC.

20. *Zika virus* in the Americas: why were we caught off-guard? Gainesville Rotary Club, held at Paramount Grill, Gainesville, Florida, 8 Dec. 2016.

21. *Zika virus*: Recent findings. Seminar series, Dept. of Environmental and Global Health, Gainesville, FL, 31 Jan. 2017.

22. Major Surprises Arising from Improved Virus Detection and Isolation Methods. 5 May 2017. Emerging Pathogens Institute, University of Florida.

23. Aerovirology and Aerosols. NIH-SEPA talk for CATALySES (Collaborating to Advance Teaching of Science Education to Students) of the UF Center for Precollegiate Education and Training (CPET). UF CGRC 184, Gainesville, FL. 19 June 2017.

24. *Zika* and related viruses in saliva: risk to dental practitioners? 2017 Florida Dental Association Convention, Gaylord Palms Resort and Convention Center, Orlando, Florida. Session C12, Sun Room 3-4, 22 June 2017.

25. Virus Discovery 1: Virus isolation from Farmed Deer. 67th Annual International Conference of the Wildlife Disease Association. Cervidae Health Science Symposium, World Golf Village Renaissance St. Augustine Resort, St. Augustine, FL, 10 Aug. 2018.

26. Unexpected viruses associated with febrile illnesses in Haiti. EGH Seminar series. Held at the UF Emerging Pathogens Institute, EPI room 150, 11:30 AM, Jan. 23, 2019.

27. Virology as a Career and Some Recent Research Findings at the Lednicky Laboratory. Talk given to The UF Virology Club. Held at Computer Science and Engineering Building room CSE E221, 25 Feb. 2019.

Short presentations/short talks/brief reports (partial list, year 2003 onwards)

1. CDV study update. Conservation Medicine Research Committee Meeting, July 10, 2003, Brookfield Zoo.

2. Distemper and *Canine distemper virus* (CDV) in the Chicago area in 2004. Presented at CDV task force meeting, Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago. November 22, 2004.

3. Airborne threat posed by Avian influenza virus, Part 1. MRI study plans and progress. USDA Southeast Poultry Research Laboratory, Athens, Georgia. 26 Oct. 2007.
4. Influenza virus capabilities. Meetings with Dr. Daniel Jernigan (Deputy Director of CDC Influenza virus branch), with Dr. Stephen Burke (Program Manager), and with Dr. Ruben Donis (Branch chief, Influenza virus molecular virology laboratory), Centers for Disease Control and Prevention, March 25, 2008, CDC, Atlanta, Georgia.
5. Highly Pathogenic Avian Influenza Viruses: Mini-review and Development of a Laboratory for Live Agent Inhalation Exposure Studies. Department of Pathology, University of Texas Health and Science Center, Houston, Texas, May 30, 2008.
6. Algae Growth and Oil Extraction. Center for Algae Research Workshop (June 2 -3, 2008). MRI-Florida Division, Palm Bay, Florida, June 3, 2008.
7. MRI capabilities including inhalation exposure of aerosolized H5N1 influenza virus and other pathogens. Presented by Michael Ehret, John Lednicky, Barry Astroff, Kenton Lohman. Tech Watch Meeting at BARDA, 330 C Street, SW Washington, DC, Oct. 27, 2009.
8. Vaccine Development and Testing at Midwest Research Institute. Barry Astroff and John Lednicky. DHHS/GHSI Public Health Emergency Medical Countermeasures Workshop November 4 – 5, 2009 Washington, DC.
9. Assembly and validation of a nose-only inhalation exposure system for the study of aerosolized virulent *Influenza H5N1virus* in ferrets and its applicability for other pathogens and small animal models. Leadership Council Seminar, Midwest Research Institute, 18 August 2010.
10. Modeling of Airborne Exposure to Influenza Viruses, Exemplified Using a Nose-only Inhalation Exposure System, Ferrets, and Aerosolized Virulent *Influenza virus* A/Vietnam/1203/2004 (H5N1). Presentation for Drs. N. Cox and C. Bridges, CDC, held at the Emerging Pathogens Institute, University of Florida - Gainesville, 9 Nov. 2010.
11. Modeling of Airborne Exposure to Influenza Viruses, Exemplified Using a Nose-only Inhalation Exposure System, Ferrets, and Aerosolized Virulent *Influenza virus* A/Vietnam/1203/2004 (H5N1). Presentation for Dr. R. Schoepp, USAMRIID, held at the Emerging Pathogens Institute, University of Florida - Gainesville, 17 Dec. 2010.
12. Enhancement of LAIV by administration of FluMist with and without anti-IgA (ferret model). Presentation for contingent from MedImmune; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 5 January 2011.

13. A Nose-only Inhalation Exposure System for Studies of Aerosolized *Influenza virus* in Ferrets. Presentation for Dr. Robert Nutsch of Pfizer Inc.; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 11 January 2011.

14. A Nose-only Inhalation Exposure System for Studies of Aerosolized *Influenza virus* in Ferrets. Presentation for Drs. Otgonbaatar & Tserennorov from Mongolia's National Center for Infectious Diseases with Natural Foci; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 17 January 2011.

15. Modeling of Airborne Exposure to Respiratory Pathogens Using a Nose-only Inhalation Exposure System. Presentation for William Stokes, DVM, DACLAM, Assistant Surgeon General; held at the Emerging Pathogens Institute, University of Florida - Gainesville, 28 April 2011.

16. Inhalation Exposure Studies, Emerging Pathogens, and Technology Development/Evaluation. Presentation for Emerging Pathogens Institute Town Hall Meeting, 11 May 2011, Emerging Pathogens Institute, University of Florida – Gainesville.

17. Aerobiology, respiratory pathogens, and virus discovery. Presentation for James M. Hughes, MD, Professor, Division of Infectious Diseases, Department of Medicine, School of Medicine, Emory University. Presentation at University of Florida Emerging Pathogens Institute, 14 Feb 2013.

18. Aerobiology, respiratory pathogens, and vaccine efficacy. Presentation for Gregory A. Poland, MD, Director of the Mayo Vaccine Research Group, Translational Immunovirology and Biodefense, Mayo Clinic. Presentation at University of Florida Emerging Pathogens Institute, 13 March 2013.

19. Aerobiology, respiratory pathogens, and vaccine efficacy. Presentation for Werner Bischoff, MD, PhD, Associate Professor and Health System Epidemiologist for the Department of Internal Medicine, Section on Infectious Diseases, Wake Forest School of Medicine, Winston-Salem, NC. Presentation at University of Florida Emerging Pathogens Institute, 18 April 2013.

20. Detection, Collection, and Modeling of Viable Airborne Viruses: Presentation for: James F Cummings, COL USARMY MEDCOM AFHSC (US). Presentation at University of Florida Emerging Pathogens Institute, May 9, 2013.

21. Aerobiology, Respiratory Pathogens, and Virus Discovery: Presentation for Department of Defense (Capt. Lax and other representatives) at Nuovo Biologicals, Davie, Florida. 22 Aug. 2013.

22. Collection of viable airborne viruses using air samplers. Presentation for Project HOPE representatives. EPI, 4th floor conference room, 7 Feb, 2014.
23. Aerobiology, respiratory pathogens, and virus discovery. 2014 Spring HHMI Science for Life Seminar Class, University of Florida –Gainesville, 13 February 2014.
24. MPH Common Reader Day (Group Discussion of Book: Spillover by David Quammen). PPHP MPH students, 16 Sept. 2015, Univ. Florida, Gainesville, FL.
25. Isolation of *Zika virus* from three different plasma specimens collected in December 2014 from Haitian children with febrile illness and complete genomic sequence analysis of one of the virus isolates. 2 Feb. 2016, Emerging Pathogens Institute, Univ. Florida, Gainesville, FL.
26. *Zika virus* explained. Presentation by Drs. Amy Vittor (Where did Zika virus come from?), Michael Weiss (What is microcephaly?), John Lednicky (*Zika virus*: some basic information), Jorge Rey (Mosquito vectors in Florida), Danielle Stanek (Current status), and Glenn Morris (Summary). Presented to Florida Legislature (teleconference/slide presentation). Emerging Pathogens Institute, Univ. Florida, Gainesville, FL. 19 Feb. 2016.
27. *Zika virus* in Haiti in 2014: virology findings. Private presentation (evening, 9 April 2016) to virology group attending Fourteenth Southeastern Regional Virology Conference (SERVC) 2016. Emory Conference Center, Atlanta, GA.
28. *Zika virus*; Recent findings. Private presentation (evening, 11 April 2016) to arbovirologists. Gainesville, FL.
29. *Zika virus* in Haiti in 2014: Summary of findings. Presented to Dr. James Dunford, entomologist, US Navy Environmental Preventive Medicine Unit 2 (NEPMU-2). Lednicky office, Dept. Conference Room, and Lednicky laboratory. 11 Apr. 2016.
30. Zika. Talk given at the Department of Health, Alachua County, 224 SE 24th Street Gainesville, FL 32641. 11 May 2016.
31. Virus discovery and characterization. Presentation to Emerging Pathogens Institute External and Internal Advisory Board, UF Cypress Lodge, Lake Wauberg, Micanopy, FL. 24 Feb. 2017.
32. *Zika virus* work at the Emerging Pathogens Institute. Discussion with State of Florida Education Appropriations Committee, Florida State Capitol Building, Tallahassee, Florida, 20 March 2017.
33. *Zika virus* – Lednicky Laboratory. Presentation to Florida Lieutenant Governor Carlos Lopez-Cantera. Emerging Pathogens Institute, UF, 23 March 2017.

34. Capacity Building: Establishing the CHERI Cervid Virus Research Laboratory. 1st Annual Cervidae Health Research Initiative. Harn Museum of Art Auditorium, UF Campus, Gainesville, Florida 29 March 2017.

35. Viruses discovered in Florida farmed deer. Thomas B. Waltzek, Jessica Jacob, Katherine A. Sayler, Julia Loeb, John Lednicky, Samantha M. Wisely, Kuttichantran Subramaniam. Annual Cervidae Health Research Initiative. Harn Museum of Art Auditorium, UF Campus, Gainesville, Florida 29 March 2017.

Book review

Pathology and Pathogenesis of Human Viral Disease. Author: John E. Craighead, MD. Academic Press, 2000. 450 p. with illustrations. Reviewed Oct. 2000 for *Archives of Pathology and Laboratory Medicine*.

Workshop panel member

1. Panel-Audience Discussion 1: Issues related to the detection of SV40 DNA in human tissues. CBER-NCI-NICHD-NCID-NIP-NVPO Workshop, National Institutes of Health, Bethesda, Maryland (Jan. 27, 1997).

2. Invited participant: FDA-OVRR-CBER-sponsored SV40 PCR Working Group Meeting, National Institutes of Health, Bethesda, Maryland (July 1, 1997).

Panelist: International Myeloma Foundation Virus Symposium on SV40 and Human Cancer, Karolinska Institute, Stockholm, Sweden (Sept. 7, 1999).

3. Invited participant: Viruses and Human Cancer Workshop, sponsored by NCI; held at Bethesda Marriott Hotel, Bethesda, Maryland (March 12 – 13, 2001).

4. Invited participant: Missouri State Public Health Laboratory System Assessment. Organized by the Association of Public Health Laboratories. Held at Columbia-Boone County Health Department, Columbia, MO, on Feb. 2, 2007.

Course Instructor

PHC 6702 – Exposure Measurement and Assessment (3 credit hours), UF – Gainesville (Summer 2011; Spring 2012-2019).

PHC 6937 - Environmental Infectious Diseases: A Molecular Approach (3 credit hours), UF – Gainesville (Fall 2013, Fall 2014, Fall 2015, Fall 2016).

PHC 6937 – Public Health Virology (3 credit hours), UF – Gainesville (Fall 2018).

PHC6702 (Revised) – Environmental Monitoring and Assessment (3 credit hours), UF – Gainesville (Spring 2020).

Critical Thinking in EGH. One classroom session entitled: Influenza A/H5N1 virus. UF-Gainesville, 23 March 2015.

Invited Classroom Lectures Regarding Virus-related issues: (Partial list)

Emerging viruses: Paramyxoviruses-2. September 16, 2003. Conservation Medicine Lecture, Loyola University Medical Center.

Monkeypox in Africa and the USA. 5 December 2003. Conservation Medicine Lecture, Discovery Center, Brookfield Zoo, Brookfield, Illinois.

Emerging viruses: Paramyxoviruses-3. September 7, 2004. Conservation Medicine Lecture, Loyola University Medical Center.

Methodological issues in measurement of exposures – *Zika virus*. Two hour class lecture, University of Florida Department of Epidemiology, CTRB Building, Rm 4217, for Epidemiology Seminar II Class. 14 Feb. 2017.

Arbovirus infections – importance of proper laboratory diagnostics. One hour class lecture, University of Florida Public Health Infectious Class. HPNP Building, Rm G110. 8 Nov. 2017.

Aerobiology and Aerosols. One hour class lecture, University of Florida Public Health Infectious Class. HPNP Building, Rm G110. 27 Nov. 2017.

Microbiology as a Career and Some Recent Research Findings at the Lednicky Laboratory. Microbiology and Cell Science Building, University of Florida. Talk for ASM Gators (undergraduate microbiology club). 18 Jan. 2018.

Methodological issues in measurement of exposures – *Zika virus*. Two hour class lecture, University of Florida Department of Epidemiology, CTRB Building, Rm 4217, for Epidemiology Seminar II Class. 14 Feb. 2018.

Influenza. Talk given to UF Undergraduate Public Health Association. HPNP Bldg. G-201. 13 March 2018.

Virus Discoveries – A UF Perspective. One hour class lecture. Public Health Concepts in Infectious Diseases, PHC 6517. HPNP Bldg. Room G-111, 8 Oct. 2018.

Methodological issues in measurement of exposures – viruses as examples. Two hour class lecture, University of Florida Department of Epidemiology, CTRB Building, Rm 4217, for Epidemiology Seminar II Class. 12 Feb. 2019.

Trainer, Biosafety (example)

Pathogen Biosafety Training, BSL2-Level Influenza Viruses (Course code TO-6730), for Biotechnology Department. Center Conference Room, MRI-KC, August 9, 2006. John Lednicky, instructor.

Session Moderator, National Conference

Session: Intellectual Property and Emerging Technologies. BioKansas; Fifth Annual One Health Summit. March 6, 2014, Sporting Park, Kansas City, Kansas

Session Moderator, International Meeting

Heat stroke and environmental health. Moderators: Ziad Memish and John Lednicky. 3rd Global Centre for Mass Gathering Medicine Scientific Advisory Board Meeting. Radisson Blu Hotel, Riyadh, Saudi Arabia. 30 March, 2015.

Member, Graduate Student Advisory Committee

Regis Vilchez, M.D.; MS program, Department of Molecular Virology and Microbiology, Baylor College of Medicine, Houston, Texas (9/00 – 6/03) (graduated, MS)

Ali Messenger, PhD program, EGH, UF. 12/2011 – 8/2013 (graduated, PhD)

Matthew Tribby, ME program, Dept. of Environmental Engineering Sciences, UF, 4/2012 – 6/2013 (graduated, MS).

Michael von Fricken, PhD Program, EGH, UF. 12/2011 – 7/2014 (graduated, PhD)

Katherine Sayler, PhD Program (Veterinary Medicine) and MPH (EGH), Emerging pathogens associated with the Lone Star Tick, *Amblyomma americanum*, in Florida. 1/2011 – 10/2014 (graduated, PhD).

Muhammed Salah Uddin Khan – Avian influenza viruses in Bangladesh from 2007 – 2012: determining risk, distribution, and the effectiveness of interventions to improve public health. PhD in Public Health, EGH, UF. 9/2012 - 17 Nov. 2015 (graduated, PhD).

Maha Adel Elbadry – Epidemiology of malaria transmission and drug resistance in Haiti. PhD in Public Health, EGH, UF. 9/2011– 20 Nov. 2015 (graduated, PhD)

Xiao (Bela) Zheng – Modulation of influenza virus infectivity and toll-like receptor activity by single-walled carbon nanotubes with distinct electronic structures. PhD in Public Health, EGH, UF. 9/2012 – 20 Nov. 2015 (graduated, PhD).

Benjamin D. Anderson – A One Health Approach for Studying Swine Virus Transmission in Pig Farms, China. 9/2012 - 20 Nov. 2015 (graduated, PhD).

Shannon Hentschel, 5/11/2015 – 4/3/2016 (graduated, MS-Translational Biotechnology).

Haoran Yu - Performance evaluation of a novel device for virus aerosol sampling– batch adiabatic expansion for size intensification by condensation (BASIC) 2015 – June, 2016, graduated MS – Environmental Engineering. Lednicky: Committee member.

Xiao Jiang (PhD, mechanical engineering, 2015 – 2018. Dissertation title: Development of laminated paper-based RNA amplification devices for detection of virus and virus aerosols. 17 Jly2018. Lednicky: Committee member.

Yaser Alshafi (PhD student, EGH, 2014 – 11/2018). Dissertation title: Understanding disease-associated oral microbiota in humans: genetic and phylogenomic approach. Dissertation defense (successful) 8 Nov. 2018. Lednicky: Committee-member.

Maohua Pan (PhD, Environmental Engineering, 2015 – 2018). Dissertation title: Highly efficient virus aerosol collection system and its application in investigating distribution of infectious viruses in aerosols. 21 March 2018. Lednicky: Co-Advisor.

Hao Chen (PhD, Public Health, 2015 – 2018; graduated 2018); dissertation accepted by the Graduate School Editorial Office 7/30/2018. Dissertation title: Carbon Nanotubes Modulate Host Pulmonary Immune Responses and Respiratory Virus Infection Lednicky: Committee Member.

Mary Morris Merrill (PhD, Public Health, 2015-2018; graduated 2018). Indolent bystanders: surveillance of domestic and wild animals to inform human and animal vector-borne pathogen ecology. 12 July 2018. Lednicky: Committee Member.

Marissa Valentine-King (MPH; PhD graduated 2019). Assessing and addressing antibiotic resistance among mycoplasmas using a one health approach. 27 Mar. 2019. Lednicky: Committee member.

Nelmarie Landrau Giovannetti. PhD, Dept. of Infectious diseases and immunology, College of Veterinary Medicine. Title: Detection and Characterization of Emerging Pathogens in Stranded Cetaceans. 9 Nov. 2018. Lednicky: Outside committee member.

Supervisor, Student PhD Committee

1. Tania Bonny (PhD student, 2014 – successful PhD thesis defense 6/12/2017). Graduated 4 Aug. 2017.

2. Sarah White (PhD student, 2014 – successful PhD thesis defense 2/28/2017). Graduated 28 April 2017. **Recipient: EGH Outstanding PhD student research award 4/20/17.**

3. Caroline Stephenson (current)

International Advisory Board

Global Center for Mass Gathering Medicine (a WHO Collaborating Center for MGM) – 1st Scientific Advisory Board Meeting, 29 April – 1 May, 2013. Ministry of Health Conference Hall, 2nd Tower, Ground Floor, Riyadh, Kingdom of Saudi Arabia.

Global Center for Mass Gathering Medicine (a WHO Collaborating Center for MGM) – 2nd International Conference for Mass Gathering Medicine, 21 – 23 September, 2013. Ritz-Carlton Hotel, Riyadh, Kingdom of Saudi Arabia.

Task Force Membership

City of Chicago Commission on Animal Care and Control Task Force on *Canine distemper virus*, 5 Aug. 2004 – 30 June 2005.

Mentor for Pathology Resident Research Project

Joseph Ohr, MD, DPh, Dept. of Pathology, LUMC. Project title: Molecular-Based Identification of Viruses Associated with Heart Tissue taken from Humans that Died of Viral Myocarditis (20 Sept 2001 – present).

Tara Rubinas, MD, Dept. of Pathology, LUMC. Project title: Identification of Two Pathogens from Human Lung Tissue in a Fatal Case of Hemorrhagic Pneumonia Masquerading as Hantavirus Pulmonary Syndrome. See: Archives of Pathology and Laboratory Medicine **128**, 640-644, 2004.

Mentor for Medical Student Research Project

Heather A. Downes (Medical Student II), LUC Stritch School of Medicine. Project title: Construction of a Human Polyomavirus JC Virus Positive Control Template Plasmid for Diagnostic and Quantitative-Competitive PCR (11 June – 27 July, 2001). Status: Project completed.

Co-Mentor for Veterinary Student Research Project

April Johnson (Veterinary Student, University of Illinois). PI: Dr. Jean Dubach, Veterinary Services, Brookfield Zoo. Project title: Molecular Detection of Beta-Herpesviruses in Spider Monkeys (20 May 2001 – 30 Dec. 2001). Status: Project completed.

Mentor for Undergraduate Student (Conservation Medicine Center of Chicago Intern)

Nancy Ho pre-sophomore-level student, Northwestern University, Chicago (7 August 2002 – 30 August 2002). Introduction to molecular laboratory techniques.

Work with comparative medicine ex-terns

June 2, 2003. Introduction to molecular virology work. Laboratory session with: Carrie Sauter and Laura Kiel (Joliet Jr. College's Vet Tech program).

June 3 – August 30, 2004. Project with Elizabeth McGeehan entitled *Isolation and characterization of a parvovirus from an infected rat*. (E. McGeehan, extern, Veterinary Medical Technology Program, Joliet Junior College).

Co-author in: Lednicky, J.A., T.B. Waltzek, E. McGeehan, J.C. Loeb, S.B. Hamilton, and M. C. Luetke. 2013. Isolation and genetic characterization of human coronavirus NL63 in primary human renal proximal tubular epithelial cells obtained from a commercial supplier, and confirmation of its replication in two different types of human primary kidney cells. *Viol. J.* 10:e213.

Interns, UF

Maya Carmen Luetke, new graduate EGH internship (cell culture and basic virology methods). 1/19/2012 - 4/26/2012.

Co-author in: Lednicky, J.A., T.B. Waltzek, E. McGeehan, J.C. Loeb, S.B. Hamilton, and M. C. Luetke. 2013. Isolation and genetic characterization of human coronavirus NL63 in primary human renal proximal tubular epithelial cells obtained from a commercial supplier, and confirmation of its replication in two different types of human primary kidney cells. *Viol. J.* 10:e213.

Co-author in: Lednicky, J.A., J. S. Butel, M. C. Luetke, and J. C. Loeb. 2014. Complete genomic sequence of a new human polyomavirus 9 strain with an altered noncoding control region. *Virus Genes*. 2014 Dec; 49(3):490-2. doi: 10.1007/s11262-014-1119-z. Epub 2014 Sep 27.

Community Services (partial list)

Lednicky, J. A. Human Germs: Parasitic worms, Fungi, Bacteria, and Viruses. January 9, 2002. Talk presented to second grade students, Scott Elementary School, Naperville, Illinois.

Overview of day to day functions of a modern molecular virology research laboratory: Entire working day presentation made for Matt Furber, a graduate student of journalism from NWU, Chicago, Illinois (14 Feb. 2002).

A molecular virologist's typical work-day. Interview by Philip Martin for fourth-grade class project at Gower Elementary School, Willowbrook, Illinois (May 11, 2004).

Meeting with Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control) and Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control) to discuss issues related to *Canine distemper virus*. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (21 June 2004).

Meeting with Dr. Jerry Quinlan (Fort Dodge Animal Health), Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control), Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control), and Chicago

Commission on Animal Care and Control to discuss issues related to 2004 *Canine distemper virus* outbreak in Chicago dogs. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (15 July 2004).

Demonstration of *Canine distemper virus* microscopy detection methods (of Wright-Giemsa-stained WBC and by immunofluorescence microscopy of WBC) and tour of molecular research core facility to Chicago Commission on Animal Care and Control personnel (Dr. Jacek J. Jastrzebski and Jackie Batinich). 27 July 2004.

Meeting with Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control) and Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control) to discuss issues related to *Canine distemper virus*. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (28 July 2004).

Meeting with Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control) to discuss issues related to *Canine distemper virus*. Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (30 July 2004).

Meeting with Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control), Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control), Dr. Thomas Meehan (Chief Veterinarian, Brookfield Zoo), Dr. Lee Cera (Chairperson, Comparative Medicine, Loyola), Dr. Dan Parmer (Head, Cook County Rabies and Animal Control), and medical staff of Chicago Commission on Animal Care and Control to discuss issues related to *Canine distemper virus* and to form a City of Chicago distemper task force for the current (year 2004) outbreak. Meeting held at the Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (5 August 2004).

Meeting with Nikki Proutsos (Executive Director, Chicago Commission on Animal Care and Control) and Dr. Marek Dygas (Chief Veterinarian, Chicago Commission on Animal Care and Control). Meeting held at the Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago (17 August 2004).

Meeting with Chicago CDV Task Force, 22 Nov., 2004. Meeting held at 2 PM at the Chicago Commission on Animal Care and Control, 2741 South Western Avenue, Chicago.

Interview by High School Student (Kendra Jones, Shawnee Mission, KS) for school report entitled "Vaccine Research on the Avian Influenza", January 15, 2007.

Analysis (colony morphology, gram stain, tape mounts, and catalase tests) of environmental cultures taken from school surfaces for elementary school project [students: Eli Pearce (10 yrs old) and Jonathan Felton (11 yrs old)], Dec. 26 – 29, 2009, and meeting with students at MRI-KC to discuss results, Jan. 21, 2010.

Phone interview by Jenny O'Donnell, UF undergraduate student, for her reporting class. Topic: Influenza virus and the efficacy of the current vaccine. 15 Jan. 2015, UF.

Press coverage/quotes (partial list)

Mentioned in news report by Reuters Limited entitled: Polio vaccine linked to cancer. Yahoo! Headlines (Reuters Health Information Services Inc.) 26 August, 1996 [http://www.yahoo.com/headlines/960826/health/stories/polio_1.html]

Mentioned in news report by Bob Kuska entitled: SV40: Working the bugs out of the polio vaccine. The Journal of the National Cancer Institute, **89**, 283-284, Feb. 1997.

Mentioned in news report by Elizabeth Pennisi entitled: Monkey virus DNA found in rare human cancers. Science, **275**, 748-749, Feb. 1997.

Mentioned in news report/editorial from WHO (World Health Organization) web site entitled: SV40 virus and the polio vaccine. 1999. Featured under "Hot topics" [http://www.who.org/gpv-safety/hotspot/sv40.htm].

Mentioned in news report (by editorial staff) entitled: Baylor researchers discover possible link between SV40 virus and human tumors. Baylor Medicine, Mar. 1999 (page 2).

Mentioned in article by Debbie Bookchin and Jim Schumacher entitled: The virus and the vaccine. The Atlantic Monthly, Feb. 2000.

Mentioned in article by Michelle Lohmann entitled: Technology brings faraway experts to Urbana classroom. Veterinary Report, University of Illinois at Urbana-Champaign, Winter 2002, Vol. 26, No. 1.

Interview by Dave Savini (television news reporter for Channel 5, Chicago, an affiliate of NBC) over SV40 in human tumors. Oct. 25, 2002.

Interview (on live TV) by Elizabeth Brackett, WTTW (Channel 11) Chicago (June 9, 2003), on topic: *Monkey pox virus* and outbreak traced to exotic pets (Gambian rats and prairie dogs) in Illinois, Indiana, and Wisconsin.

Mentioned in book: The virus and the vaccine; authors: Debbie Bookchin and Jim Schumacher. ISBN: 0312278721, April 1, 2004.

Quoted in news-brief: Increased canine distemper detected in Chicago. Illinois State Veterinary Medical Association (ISVMA) E-Source Volume II, Number 5, August 19, 2004.

Featured in news article by Raksha Varma entitled: *Virus outbreak has experts worried for dogs*; Chicago Sun-Times, August 20, 2004. Also available over internet: <http://www.suntimes.com/output/news/cst-nws-dog20.html>

Mentioned in internet posting on August 22, 2004 by ProMed-mail (from International Society for Infectious Diseases): http://www.promedmail.org/pls/askus/f?p=2400:1001:424240:::F2400_P1001_BACK_PAGE,F2400_P1001_ARCHIVE_NUMBER,F2400_P1001_USE_ARCHIVE:1202,20040822.2338,Y

Quoted in news article in Chicago Tribune (page 5) entitled *Dog disease puts a halt to adoptions* by Russell Working on August 22, 2004. Article available from archives of Chicago Tribune as ISSB/ISBN 10856706.

Quoted in Daily Southtown newspaper in article entitled *Distemper spreads across Southland* on September 5, 2004 in article by Daniel Duggan (available at: <http://www.dailysouthtown.com/southtown/yrtwn/swest/053swyt1.htm>).

Quoted in CVMA Bulletin (Chicago Veterinary Medical Association), Sept. 2004, Volume 7, number 54 (article on pages 1 and 3).

Mentioned/quoted in lead JAVMA News article written by Bridget M. Kuehn, *News Reporter*, Nov. 1, 2004. See: <http://www.avma.org/onlnews/javma/nov04/041101a.asp>

Featured in news article by Peter Gorner entitled: *Killer disease returns to stalk dogs*; Chicago Tribune, February 6, 2005. See: <http://www.kolecke.net/node/23>

Featured in article by Marcella Durand entitled: *Canine distemper outbreak* in DogWorld Magazine, March 2005, page 9.

Featured in Midwest Research Institute e-newsletter (FYI) in article entitled: *Lednický Named to Assessment Panel*; January 12, 2007.

Shown (photograph) presenting 2006 CPS award to Dr. Robert Hawley in Midwest Research Institute e-newsletter (FYI) in article entitled: *2006 CPS Awards Named*; Feb. 9, 2007.

Presentation (in Pandemic Influenza Laboratory Conference in Jefferson City, Missouri on April 19, 2007) mentioned in Midwest Research Institute e-newsletter (FYI) on March 23, 2007.

Mentioned in Midwest Research Institute e-newsletter (FYI) in article entitled: *Scientific Work Published in GenBank*; June 15, 2007.

Featured in Midwest Research Institute e-newsletter (FYI) in article entitled: *MRI Assists Kansas Department of Health and Environment*; Sept. 5, 2008.

Mentioned in article entitled: *Green Star One Step Closer to Marketing Algae Booster*; Oct. 14, 2008; article carried by various news services including:
<http://www.tradingmarkets.com/.site/news/Stock%20News/1939237/>
http://www.businesswire.com/portal/site/home/permalink/?ndmViewId=news_view&newsId=20081013005962&newsLang=en
<http://www.cnbc.com/id/27163781/>
<http://www.enertorial.com/2008/10/13/green-star-one-step-closer-to-marketing-algae-booster/>
<http://news.moneycentral.msn.com/provider/providerarticle.aspx?feed=BW&date=20081013&id=9263956>

Mentioned in article entitled *MRI launches algae research center*; Oct. 17, 2008; Biodiesel Magazine: http://www.biodieselmagazine.com/article.jsp?article_id=2889

Mentioned in article entitled *MRI alternative-energy research may fuel jobs, too*; Oct. 24, 2008; Kansas City Business Journal:
<http://kansascity.bizjournals.com/kansascity/stories/2008/10/27/story7.html#1>
Similar article: Oct. 28, 2008: National Green News:
<http://sustainable.bizjournals.com/green/33358789.html>

Featured in Midwest Research Institute e-newsletter (FYI) in article entitled: *MRI Researchers Attend Aerobiology in BioDefense III Conference*, Aug. 21, 2009.

Mentioned in article entitled *YouChu 2010: Idaho Sustainable Energy: Algal biodiesel and high-protein biomass*
<http://biofuelsdigest.com/bdigest/2010/04/13/youchu-2010-idaho-sustainable-energy-algal-biodiesel-and-high-protein-biomass/>
April 13, 2010; Biofuels Digest.

Profile uploaded onto the BMC website, April 21, 2010:
<http://www.biomedcentral.com/profiles/default.asp?id=4338256942017288>.

Profile featured in the Infection Diseases subject gateway, under *Influenza Gateway*, April 21, 2010: <http://www.biomedcentral.com/gateways/infectiousdiseases>.

Mentioned in Midwest Research Institute e-newsletter (FYI) in article entitled: *Lednický added to Biomed Central author profiles*. April 23, 2010.

Article (J Virol Methods. 2010 Aug;167(2):125-131) mentioned in CDC Top Ten Articles for the Week Aug. 9, 2010.

<http://www.cdc.gov/phlic/sciclips/issues/v2issue32.html>

Mentioned in PPHP News, Fall/Winter 2010, University of Florida College of Public Health and Health Professions.

Mentioned in: <http://www.wuft.org/news/2013/11/30/in-bradford-county-mold-problem-apparently-larger-than-one-elementary-school/> 30 Nov. 2013.

Interviewed (by Taylor Nones) in report about *Ebola virus* in animals. WUFT TV News, Tuesday, 21 Oct 2014, Gainesville, Florida.

Mentioned in: UFHealth Newsroom: UF researchers discover new virus in ticks. 13 Jan. 2015. <https://ufhealth.org/news/2015/uf-researchers-discover-new-virus-ticks>.

- Gainesville Sun newspaper:
http://www.gainesville.com/article/20150126/ARTICLES/150129717/1002/news_01
- Story: University of Florida researchers discover new virus in ticks (University of Florida researchers; UF college of Veterinary Medicine and Public Health and Health Professions; Katherine Saylor, Ph.D., who completed her doctoral degree from the UF veterinary college in December;
Media: Bionity.com, World News Report – EIN, Medical News Today
- Story: UF researchers discover new virus in ticks (University of Florida researchers; UF colleges of Veterinary Medicine and Public Health and Health Professions; John Lednicky, an associate professor in the College of Public Health and Health Professions' department of environmental and global health, along with Dr. William Clapp, a professor of pathology in the UF College of Medicine's department of pathology, immunology and laboratory medicine)
Media: News for Jax
- Lyme Disease Association
<http://www.lymediseaseassociation.org/index.php/lda-news-a-updates/1307-new-virus-discovered-in-fl-lone-star-ticks>
- Bovine Veterinarian <http://www.bovinevetonline.com/news/animal-health/uf-researchers-find-new-tick-borne-virus>
- Cattle Network <http://www.cattlenetwork.com/topics/vector>
- Health Day News <http://consumer.healthday.com/infectious-disease-information-21/misc-infections-news-411/new-tick-virus-spotted-695466.html>
- Numerous others cache

Mentioned in Feb. 2015 issue of *This Month in PPHP*, a Newsletter of the UF College of Public Health and Health Professions (PPHP), in an article titled "Dr. John Lednicky Attends an AOAC Stakeholder Panel on Agent Detection Assays (SPADA) Conference".

Mentioned in article titled: Dr. John Lednicky on Team Studying H1N1 Illnesses in Gainesville. This Month in PHHP March 2015 (College of Public Health and Health Professions Newsletter).

Mentioned in: <http://epi.ufl.edu/blog/uf-health-epidemiologists-and-researchers-unpack-the-genetics-of-a-flu-virus/>. 8 April 2015.

Mentioned in article titled: Researchers unpack the genetics of a flu virus. This Month in PHHP April 2015 (College of Public Health and Health Professions Newsletter). 9 April 2015.

Featured in blog: UF researchers call for close attention to flu viruses. 21 Dec. 2015.
<https://ufhealth.org/news/2015/uf-researchers-call-close-attention-flu-viruses>

Featured in article: Better surveillance should bring better flu vaccine. By Christopher Curry, in The Gainesville Sun (Newspaper).
<http://www.gainesville.com/article/20151221/ARTICLES/151229963/1182?Title=Better-surveillance-should-bring-better-flu-vaccine>
21 Dec. 2015.

The Year in Review: Celebrating Our Achievements in 2015 Part 2.
<https://ufhealth.org/news/2016/year-review-celebrating-our-achievements-2015-part-2>

Emerging Pathogens Institute: Mentioned regarding studies on vector-borne transmission of chikungunya, dengue, and zika viruses. Also for work on genetic drift of influenza viruses. 21 Jan. 2016.

Mentioned in article: Five things to know about Zika virus. By Christopher Curry, in The Gainesville Sun (Newspaper).
www.gainesville.com/article/20160127/ARTICLES/160129695/1002/news01?p=2&tc=pg
27 January 2016.

Mentioned in This Month in PHHP (the PHHP college e-newsletter) in news clip titled "EGH Partners with Environmental and Engineering Sciences on New NIH R21 Grant Award".
http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=18&wysijap=subscriptions&user_id=4
21 March 2016.

Undergraduate Student Video (Aerosol Research Team; for NSF Aerosol Project)
Videotaped by Jake Wagner (undergraduate student, UF) for short documentary. 8 April 2016.

CIDRAP (Center for Infectious Disease Research and Policy). <http://www.cidrap.umn.edu/news-perspective/2016/04/canada-reports-its-first-sexually-transmitted-zika-case>. Zika's earlier arrival in Haiti. 25 April 2016.

Zika Virus Outbreak in Haiti in 2014: Molecular and Clinical Data

<http://www.globalhealthhub.org/2016/04/25/zika-virus-outbreak-in-haiti-in-2014-molecular-and-clinical-data/>. 25 Apr 2016

Zika present in Americas longer than previously thought. 26 Apr 2016 (partial list)

- http://www.sciencecodex.com/zika_present_in_americas_longer_than_previously_thought-181121.
- http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=19&wysijap=subscriptions&user_id=1
- <http://floridapolitics.com/archives/207929-uf-researchers-zika-present-americas-longer-previously-thought>.
- <http://epi.ufl.edu/blog/zika-present-in-americas-longer-than-previously-thought/>
- <http://myinform.com/en-us/a/31531746-zika-virus-outbreak-in-haiti-in-2014-molecular-and-clinical-data/>
- http://r.search.yahoo.com/_ylt=A0LEVi78CyBX6RUAQ8QnnIIQ;_ylu=X3oDMTEycjFmdTVkBGnVbG8DYmYxBHBvcwM4BHZ0aWQDQjE4NjFfMQRzZWMDc3I-/RV=2/RE=1461746813/RO=10/RU=https%3a%2f%2fwww.terkko.helsinki.fi%2farticle%2f14610275_zika-virus-outbreak-in-haiti-in-2014-molecular-and-clinical-data/RK=0/RS=M.za8LNpswAxkD_QKhhZ86bh59A-
- http://www.eurekalert.org/pub_releases/2016-04/uof-zpi042616.php

27 April 2016 (partial list)

- <http://www.zikavirusnet.com/literature.html>
- <http://www.firstpost.com/world/zika-virus-haiti-brazil-2752574.html>
- <http://www.futurity.org/zika-haiti-brazil-1148822/>
- <http://www.infectioncontroltoday.com/news/2016/04/zika-present-in-americas-longer-than-previously-thought.aspx>

27 April 2016

Mentioned in This Month in PHHP (the PHHP college e-newsletter) in news clip titled "UF Engineers and EGH Scientist File Provisional Patent Application". http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=19&wysijap=subscriptions&user_id=1

28 April 2016 (partial list)

<http://www.aspph.org/florida-finds-zika-present-in-americas-longer-than-previously-thought/>

29 April 2016 (partial list)

Mentioned in article in Miami Herald titled: Haiti had Zika months before Brazil's 2015 outbreak

<http://www.miamiherald.com/news/nation-world/world/americas/haiti/article74674787.html>

10 May 2016: Interview with Brian Dunleavy, Writer, Contagion *Infectious Diseases Today* (<http://www.contagionlive.com/>). ARTICLE PUBLISHED: 13 May 2016:

<http://www.contagionlive.com/news/experts-urge-united-states-to-be-proactive-not-reactive-in-response-to-zika>

21 May 2016: Mentioned in news clip:

<http://www.msn.com/es-us/noticias/other/in-this-saturday-may-21-2016-photo-a-vendor-shovels-rubbish-away-from-her-stand-at-a-street-market-in-port-au-prince-haiti-new-research-suggests-that-the-zika-virus-has-been-present-in-haiti-sinc/ar-BBtmVLG>

23 May 2016: Interview regarding Zika by Marissa Sarbak, reporter, WGFL/WNBW/WYME news (www.mygtn.tv). Interview aired during evening news (23 May 2016).

Mentioned in article: *Concern in Haiti over emerging condition linked to Zika* by David McFadden (Associated Press), 23 May 2016. Article published by Associated Press and other news agencies:

<https://www.yahoo.com/news/concern-haiti-over-emerging-condition-linked-zika-155627618.html?ref=gs>

27 May 2016: Interview regarding *Zika virus* with Brian Dunleavy, Writer, Contagion Infectious Diseases Today (<http://www.contagionlive.com/>). Report: 4 June 2016: <http://www.contagionlive.com/news/zika-virus-vaccine-development-stalled-by-concerns-over-marketability>

22 June 2016: Mentioned in This Month in PHHP (newsletter of the UF College of Public Health and Health professions) in article titled “High Profile Article by Dr. John Lednicky and Colleagues Identify Zika in Hatians Prior to the WHO Declared Outbreak”.

31 August 2016. On-air (“live”) radio interview with Nick LoCicero, Salem Media Groups, Orlando (AM660/FM105.5) regarding concerns for Zika Fever in Central Florida.

6 Sept. 2016. Undergraduate student interview (for Journalism class) with Rachel R. La Pointe.

14 Sept. 2016 Interview with WUFT news, Gainesville, Zika virus.

15 Sept. 2016 Interview with WUFT news, Gainesville, Zika virus.

15 Sept. 2016: Quoted in: <https://ufhealth.org/news/2016/new-mosquito-borne-disease-detected-haiti>

15 Sept. 2016: Interviewed by Jacqueline Charles, Caribbean/Haiti Correspondent, Miami Herald.

<http://www.miamiherald.com/news/nation-world/world/americas/haiti/article102113052.html>

15 Sept. 2016: <https://www.sciencedaily.com/releases/2016/09/160915164905.htm>
https://www.yahoo.com/news/m/1839350e-6f52-3440-9d1d-503b0cf377ee/ss_a-new-mosquito-borne-illness.html

<http://myinforms.com/en-us/a/41364302-a-new-mosquito-borne-illness-has-been-detected-in-haiti/>

16 Sept. 2016: <http://www.genengnews.com/gen-news-highlights/mysterious-new-mosquito-borne-disease-found-in-caribbean/81253208/>

http://www.upi.com/Health_News/2016/09/16/Chikungunya-like-Mayaro-virus-reported-in-Haiti-for-first-time/7931474027462/?spt=sec&or=hn

<https://flutrackers.com/forum/forum/emerging-diseases-other-health-threats-alphabetical-i-thru-z/other-aa/760506-mayaro-virus-detected-in-haiti>

<http://22century.ru/medicine-and-health/33573>

<http://kopalniawiedzy.pl/goraczka-Mayaro-wirus-Mayaro-Haiti-Amazonia-Glenn-Morris-John-Lednicki,25227>

<http://www.agerpres.ro/sanatate/2016/09/16/o-maladie-noua-transmisa-de-tantari-a-fost-identificata-in-haiti-19-35-28>

17 Sept. 2016: PROMED - promed-post@promedmail.org; promed-edr-post@promedmail.org. MAYARO VIRUS DISEASE – HAITI. A ProMED-mail post <http://www.promedmail.org>

20 Sept. 2016: Interview with Tim Rogers, FUSION NEWS. Article titled: Is Mayaro virus the next Zika? <http://fusion.net/story/348905/is-mayaro-virus-the-next-zika/>

20 Sept. 2016: Mentioned in web article: El virus Mayaro se acerca a Centroamérica. <http://www.webconsultas.com/noticias/salud-al-dia/virus-mayaro/el-virus-mayaro-se-acerca-a-centroamerica>

27 Sept. 2016: SKYPE Interviewed by Maria Cartaya, CNN (Español), over Mayaro and Zika viruses. PPHP small conference room, 4th floor, HPNP Bldg.

28 Sept. 2016: Mentioned in This Month in PPHP – September 2016, in article titled: *John Lednicki and Colleagues Find Another Significant Mosquito-Borne Virus in Haiti.*

http://phttp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=25&wysijap=subscriptions&user_id=658

28 Sept. 2016: Mentioned in UF in the NEWS (linked to Tim Rogers interview of 20 Sept 2016; article titled "Is Mayaro virus the next Zika"?)

<http://us6.campaign-archive1.com/?u=aee8059959dedc6c9cdf31d0&id=f67c541fa2&e=3b20667e03>

11 Oct. 2016: Interviewed by Lisa Nikolau, Humanosphere. Article: titled "The problem with calling mayaro 'the next Zika' (published online 12 Oct. 2016):

<http://www.humanosphere.org/global-health/2016/10/problem-calling-mayaro-next-zika/>

17 Oct. 2016. Interviewed (email) by Marcelo Cordova, journalist working for La Tercera newspaper, Chile, regarding Mayaro virus. Article published 29 Oct. 2016 titled: El mayaro, el nuevo virus transmitido por mosquitos que preocupa a América Latina.

<https://actualidad.rt.com/actualidad/222301-mayaro-nuevo-virus-transmitido-mosquito-haiti>

26 Oct. 2016. Interviewed by Beatriz Diez for BBC Mundo. Article published 27 Oct. 2016 (in Spanish) by Maria Esperanza Sanchez titled: Qué es mayaro, el virus con presencia en América Latina que comienza a preocupar a científicos

<http://www.bbc.com/mundo/noticias-37775523>.

16 Feb. 2017. Interviewed by Kathryn Mellinger, WUFT News, Gainesville, Florida, over virus aerosol collection and air sampling work.

1 Mar 2017. Phone interview by Sofia Restrepo, UF undergraduate student in public relations, over Zika virus.

1 Apr 2017. Dr. Oz The Good Life magazine. Aerosol-related work mentioned in: Bus/Subway/Train ride?

24 April 2017. Dr. Oz The Good Life magazine, article titled "How Healthy is Your Commute?" Mentioned in "Breathing in the Flu Virus" section.

<http://www.drozthegoodlife.com/healthy-lifestyle/a3809/how-healthy-is-your-commute/>

26 April 2017. Mentioned in This Month in PPHP (PPHP College Newsletter) in paragraph titled: Dr. John Lednicky Participates in a Mitre Corporation Sponsored Workshop in Washington, D.C.

http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=31&wysijap=subscriptions&user_id=658

23 August 2017. Mentioned in This Month in PPHP (PPHP College Newsletter) in paragraphs titled:

- Team Reports Case of Locally Acquired Dengue Fever
- Multidisciplinary and Inter-institutional Team Wins RO1 Award

http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=35&wysijap=subscriptions&user_id=658

13 Sept. 2017. Work on discovery of *Mayaro virus* in Haiti mentioned in mentioned in PROMED. PRO/AH/EDR> Mayaro virus disease – Brazil.

13 Sept. 2017. Mentioned in UF/IFAS Communications (www.blogs.ifas.ufl.edu) in article title *UF researchers to use \$2.7 million grant to influenza*.

18 Oct. 2017. Interviewed by Laurel Hamers, Science News Magazine, over my perspective on a new Influenza H7N9 article to be published 19 Oct. 2017 in Cell Host & Microbe. Article titled: *A highly pathogenic avian H7N9 influenza virus isolated from a human is lethal in some ferrets infected via respiratory droplets*, by M. Imai *et al.*

25 Oct. 2017. Mentioned in This Month in PPHP-October 2017, in paragraph titled: *Multidisciplinary Team Reports Highly Successful Method to Collect Virus Aerosols*.
http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=37&wysijap=subscriptions&user_id=658

15 Dec. 2017. Mentioned in article: Florida Postdoctoral Fellow Receives Award from Venezuelan National Academy of Medicine. ASPPH Friday letter (15 Dec. 2017):
<https://www.aspph.org/florida-postdoctoral-fellow-receives-award-from-venezuelan-national-academy-of-medicine/>

22 Jan. 2018. Interviewed by Kimberly Miller, Staff Writer, The Palm Beach Post, West Palm beach, Florida, regarding the association between cold weather and influenza (does cold weather affect vulnerability to influenza?).

24 Jan. 2018. Mentioned in This Month in PPHP-Jan. 2018, in paragraph titled: *Researchers Link Nanotubes with Influenza Infection*.
http://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=39&wysijap=subscriptions&user_id=658

26 January 2018. Interviewed by Erin France, University of Florida student, for media (reporting) class assignment on current concern about Influenza in Marion County, Florida.

20 Feb. 2018. Mentioned in UF Health homepage blog in article by Evan Barton titled: Zika virus likely transmitted through breast milk, report finds.
<https://m.ufhealth.org/blog/zika-virus-likely-transmitted-through-breast-milk-report-finds?device=mobile>

26 Feb. 2018. Mentioned in UF News article titled “For flu detection, just add water”. See: <http://news.ufl.edu/articles/2018/02/for-flu-detection-just-add-water.php>

28 Feb. 2018. Interviewed by Adam Turner, Independent Florida Alligator news service, regarding the new air sampler being developed by Dr. C-Y Wu et al.

2 Mar. 2018. Mentioned in Association of Schools and Programs of Public Health (ASPPH) news article titled: Florida Report Finds Zika Virus Likely Transmitted Through Breast Milk. See: <https://www.aspph.org/florida-report-finds-zika-virus-likely-transmitted-through-breast-milk/>

12 March 2018. Interviewed by Tamara Thal, UF student; subject: 2017-2018 Influenza season. For Multimedia writing class.

Mentioned in newsletter article titled “CHeRI’s Virus Hunters”. UF/IFAS Cervidae Health Research Initiative Volume 3 Issue 1 March 2018.

9 Jun 2018: Keystone Virus: First Isolation from a Human. Summary/Comment by Stephen G. Baum, MD. In: NEJM Journal Watch.
<https://www.jwatch.org/na46974/2018/06/25/keystone-virus-first-isolation-human>

11 June 2018. Keystone virus article featured in PRO/AH/EDR> Keystone virus - USA: (FL).

12 June 2018. Keystone virus work mentioned in CIDRAP article “Orthobunyavirus research developments.” <http://www.cidrap.umn.edu/news-perspective/2018/06/news-scan-jun-12-2018>

13 June 2018. Keystone virus work mentioned in International biosecurity and Prevention Forum.
<https://www.ibpforum.org/news/keystone-virus-isolated-florida-teenager-rash-and-subjective-fever-another-endemic-arbovirus>

18 June 2018. Mentioned in article titled “Virus found in Florida resident may be widespread throughout the Southeast”. UF Health News.

<https://ufhealth.org/news/2018/virus-found-florida-resident-may-be-widespread-throughout-southeast>

18 June 2018. Mentioned in article “As Venezuela's public health system collapses, mosquito-borne viruses re-emerge”.

<https://www.myplainview.com/news/article/As-Venezuela-s-public-health-system-collapses-13003175.php>

19 June 2018. Interviewed by Yaremi Farinas, CBS-4 and CBS-12 News, Florida. Article posted titled “Rising health concerns across the state of Florida”.

<http://cbs12.com/news/local/rising-health-concerns-across-the-state-of-florida>

20 June 2018. Mentioned in U.S. News & World Report in article titled “Florida Teen First Human Case of Another Mosquito-Borne Virus” in article by Robert Preidt.

<https://health.usnews.com/health-care/articles/2018-06-20/florida-teen-first-human-case-of-another-mosquito-borne-virus>

UPI: <https://firenewsfeed.com/lifestyle/1698618>

21 June 2018 Keystone virus related: Fox News: <http://abcnews4.com/news/nation-world/uf-studies-a-new-mosquito-borne-virus-found-in-a-tampa-teenager>

Fox 13 News, Tampa Bay: <http://www.fox13news.com/health/doctors-undiagnosed-cases-of-mosquito-borne-keystone-virus-likely>

Fox 8 News, Gainesville: <http://myfox8.com/2018/06/21/florida-researchers-find-mosquito-borne-virus-called-keystone-in-human-for-first-time/>

22 June 2018: Keystone virus-related news:

Medical Daily: <https://www.medicaldaily.com/what-keystone-virus-florida-teen-infected-first-ever-human-case-424942>

ABC News: <https://abcnews.go.com/Health/virus-town/story?id=5606921>

ABC 4 news (Gainesville): <http://abcnews4.com/news/nation-world/uf-studies-a-new-mosquito-borne-virus-found-in-a-tampa-teenager>

National Public Radio: <https://www.npr.org/2018/06/21/622402387/keystone-virus-makes-jump-from-mosquitoes-to-human-for-first-time>

Newsweek: <http://www.newsweek.com/mosquito-borne-keystone-virus-found-human-first-time-990279>

Inverse: <https://www.inverse.com/article/46306-keystone-virus-in-florida-is-first-known-case-of-mosquito-borne-infection>

Buzzfeed: https://www.buzzfeed.com/carolinekee/first-human-case-keystone-virus-florida-mosquitoes?utm_term=.byM4eBevd#.gs2rRnRj6

25 June 2018. Interviewed by Jenna Bourne, CMG-Jacksonville (Cox Media Group). [Fox30, CBS47, Action News JAX, My TV Jax]

25 June 2018. Interviewed by Robert Herriman (Outbreak News Today) in article titled: Keystone virus: An interview with John Lednicky, PhD.

<http://outbreaknewstoday.com/keystone-virus-interview-john-lednicky-ph-d-97828/>

26 June 2018. Keystone virus article mentioned in ASM Weekly NewsDigest. Article titled: Mosquito-Borne Keystone Virus Has Been Found in Humans for the First Time. American Society for Microbiology; communications@asmusa.org.

27 June 2018: Mentioned in This Month in PPHP – June 2018, in article titled: Emerging Virus Uncovered by EGH Researchers. https://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=44&wysijap=subscriptions&user_id=658

1 Aug. 2018. Mentioned in PROMED in article titled “SPONDWENI VIRUS - HAITI: 2016, MOSQUITO POOL”.

15 Aug. 2018. Interviewed by Marilyn Knowlton, then mentioned in news blurb titled “Another mosquito-borne virus may be widespread”. BottomLine Personal, August 15, 2018.

11 Nov. 2018. Article in PLoS ONE titled: A new "American" subgroup of African-lineage Chikungunya virus detected in and isolated from mosquitoes collected in Haiti, 2016, by S. White et al. discussed in PROMED, CHIKUNGUNYA (08): AMERICAS, AFRICA, ASIA, EUROPE, OBSERVATIONS, RESEARCH. https://urldefense.proofpoint.com/v2/url?u=http-3A_www.promedmail.org&d=DwIGaQ&c=pZJPUDQ3SB9JplYbifm4nt2IEVG5pWx2KikqlNpWIZM&r=ZQ-qayMRRuGkdUinA6-tg8iICin1eCRt9PzhdG8SJbo&m=gRkid5AEMsoDXOoNOvdol7WfxtWYlfoCMrdUK1WBKT8&s=l0qFvtgvDmCXIZ-mF98eUyptt-Idag188AG2J89HpOA&e=

10 Jan. 2018: PLOS NTD MADV report discussed in Science News article titled “Madariaga virus spreads to Haiti”. ScienceDaily.

<https://www.sciencedaily.com/releases/2019/01/190110141845.htm>

MADV report discussed in Science News article titled “Madariaga virus spreads to Haiti”. Medical Xpress.

<https://medicalxpress.com/news/2019-01-madariaga-virus-haiti.html>

MADV report discussed in Science News article titled “Madariaga virus spreads to Haiti”. Science News.

<https://esciencenews.com/sources/science.daily/2019/01/11/madariaga.virus.spreads.haiti>

16 Jan. 2018. Madariaga virus article presented in PROMED. PRO/AH/EDR> Madariaga virus - Haiti: 1st rep, 2015-2016.

A ProMED-mail post

https://urldefense.proofpoint.com/v2/url?u=http-3A_www.promedmail.org&d=DwIGaQ&c=pZJPUDQ3SB9JplYbifm4nt2IEVG5pWx2KikqlNpWIZM&r=ZQ-qayMRRuGkdUinA6-tg8ilCin1eCrt9PzhdG8SJbo&m=-IQL89_ak7lnAjQ_Tg2wt0pmdCBDSsKuknHr2KEoUps&s=7ZfWTVLLAqghuvRq0NT8FWrd8hrCnL2aA5PurMnWT2A&e=

23 Jan. 2019. Mentioned in *This Month in PHHP – January 2019* (a UF College of Public Health and Health professions newsletter) in paragraph titled *Lednický Helps Find Madariaga Virus in Haiti*.

https://phhp-main-new.sites.medinfo.ufl.edu/?wysija-page=1&controller=email&action=view&email_id=57&wysijap=subscriptions

31 Jan. 2019. Article (Perspective, printed in EID journal: *Resurgence of Vaccine-Preventable Diseases in Venezuela as a Regional Public Health Threat in the Americas* by A. Paniz-Mondolfi *et al.*, mentioned on PHHP website Recent News article titled: Venezuela's next crisis: rampant spread of infectious disease.

<https://phhp.ufl.edu/2019/01/31/venezuelas-next-crisis-rampant-spread-of-infectious-disease/>

22 Feb. 2019. Lancet Infectious Diseases article mentioned in:

<https://www.nbcnews.com/news/latino/life-threatening-insect-borne-diseases-spike-venezuela-report-says-n974216>

<https://www.reuters.com/article/us-health-venezuela-diseases/venezuela-crisis-could-spark-surge-in-infectious-diseases-study-idUSKCN1QA2ZN>

<https://www.theguardian.com/global-development/2019/feb/21/venezuela-crisis-threatens-disease-epidemic-across-continent-experts>

<https://www.cbc.ca/news/health/venezuela-infections-1.5029548>

<https://www.channelnewsasia.com/news/health/venezuela-crisis-could-spark-surge-in-infectious-diseases---study-11278640>

20 March 2019. SKYPE Interview (together with Gabriela Blohm) by Christina Caicedo Smit, Voice of America News. Article published 22 March 2019. Article title: Spanish: "Los virus no respetan fronteras", explican epidemiólogos sobre crisis de salud en Venezuela". English: "Viruses do not respect borders", explain epidemiologists on health crisis in Venezuela". <https://www.voanoticias.com/a/venezuela-salud-sarampion-vacunas/4843239.html>

4 April 2019. Phone interview regarding influenza virus with Sara Marino, Breaking News Reporter, TCPalm, [Treasure Coast Newspapers, part of the USA today network).

6 Jan. 2020. Novel orbiviruses paper presented in PROMED. PRO/AH/EDR> Novel Orbivirus - USA: (FL) farmed deer.
A ProMED-mail post
<https://urldefense.proofpoint.com/v2/url?u=http-3A__www.promedmail.org&d=DwICAg&c=sJ6xIWYx-zLMB3EPkvcnVg&r=o1OrIEvVmVC4aNGH7xByqGj4XdKWZkAJQa-AXgJLaBs&m=cPj8s5erMzAIJFlis_0pv5RjHe6qpEQrXwdDBAI0h3Y&s=9SkqvmQuKa4GPI1tUr53gX33H916ZiKNClnf3FzZPcw&e=

11 Jan. 2019. Comments by John Lednicky written into article: Triple antibiotic cream or gel cannot prevent the flu, may also worsen antibiotic resistance due to indiscriminate use.
<https://healthfeedback.org/claimreview/triple-antibiotic-cream-or-gel-cannot-prevent-the-flu-may-also-worsen-antibiotic-resistance-due-to-indiscriminate-use/>

15 Jan. 2020. Phone interview about relation between cold weather and influenza by Kimberly Miller, Climate and Environmental reporter, The Palm Beach Post, West Palm Beach, Florida.

22 Jan. 2020. Interviewed about 2019-novel Coronavirus by Chris Bilowich, UF-Health videographer. UF-Shands.
<https://www.youtube.com/watch?v=-TzJUTIC7zg&feature=youtu.be>

24 Jan. 2020. Interviewed about 2019-novel Coronavirus. ABC Channel 20 (WCJB).
<https://www.wcjb.com/video?vid=567276172>;
<https://www.wcjb.com/content/news/UF-Health-Shands-talks-567274321.html>
CBS4 <https://mycbs4.com/news/local/cdc-confirms-second-case-of-novel-coronavirus-in-the-us>

27 Jan. 2020. Interviewed by UF journalism student Thomas B. Holton regarding 2019-novel coronavirus.

28 Jan. 2020. Topic: novel coronavirus. Interviewed by Gainesville Sun. Interviewed by WUFT. Interviewed by Noah Ram, UF journalism student.

29 Jan. 2020. Interviewed by Matthew Peddie, WMFE 90.7 radio station, Orlando, Florida (NPR member station), regarding 2019 – novel Coronavirus. Interviewed by Jennifer Lu, LA Times.

30 Jan 2020. Reddit Ask Me Anything: Viruses (set up by Jewel Midelis, UF Research) (2 hr session).

5 Feb. 2020. ASBMB interview regarding antivirals to treat 2019-novel coronavirus:
<https://www.asbmb.org/asbmb-today/science/2020/february-2020/could-an-old-malaria-drug-help-fight-the-new-coron>

International Project Coordination

Transported research supplies to IBMP (Institute for Biomedical Problems, State Research Center of Russia) in Moscow, Russia, and trained IBMP personnel for joint project (Latent Virus Reactivation During a 240-Day Chamber Study of SFINCSS Program) with NSBRI Immunology, Infection, and Hematology team. June 16 – 22, 1999.

Transported research supplies to the Ministry of Health (MOH), Kingdom of Saudi Arabia, and trained MOH personnel on the collection of airborne microorganisms using AGI-30 air samplers. Jeddah, Saudi Arabia, Oct. 12 – 23, 2013.

Ceremonial duties

Presenter of MRI Council of Principal Scientists 2006 Science Award to Dr. Robert Hawley in recognition of outstanding contribution to the advancement of scientific knowledge. Awards banquet held at the Plaza Intercontinental Hotel, Kansas City, MO, Jan. 26, 2007.

Presenter of MRI Council of Principal Scientists 2007 Professional Award to Dr. Michael Cassler in recognition of outstanding contribution to the advancement of the research profession. Awards banquet held at the Hilton President Hotel, Kansas City, MO, Jan. 25, 2008.

Floor Marshall (Honor Guard), Master's/Specialist Degree Commencement Ceremony, Univ. Florida, O'Connell Center, May 2, 2014.

Door Marshall (Door Sentinel), Bachelor's Degree Commencement Ceremony, Univ. Florida, O'Connell Center, May 3, 2014.

Journal Reviewer

Ad hoc, Aerosol and Air Quality Research; Archives of Pathology and Laboratory Medicine; BMC Infectious Diseases; BMC Research Notes; BMC Veterinary Research; Cancer; Cancer Research; Clinical Cancer Research; Emerging Infectious Diseases; European Journal of Neurology; Frontiers in Immunology; Human Immunology; J. Clin. Microbiol.; J. Infect. Diseases; J. of Hematology and Oncology; J. NeuroVirology; J. Virology; Head and Neck; Molecular Medicine; Plos One; Plos Pathogens; Virology, Genes and Cancer; J. Wildlife Diseases; + others.

Organization of Scientific/Clinical Meeting

Helped organize, set agenda, and coordinate a scientific and clinical meeting entitled: *Canine distemper virus* Meeting, held at the City of Chicago Commission on Animal Care and Control Administrative Conference Room on 18 Aug. 2004.

Invitation/Hosting of Guest Speaker (partial list)

Invited and hosted Dr. Andrew Pekosz for Council of Principal Scientists lunch-time seminar and day-long visit with MRI Biotechnology personnel. MRI, Jan. 29, 2007.

Invited and hosted Dr. Karen Staehling-Hampton for Council of Principal Scientists lunch-time seminar and tour of MRI. MRI, March 1, 2007.

Invited and hosted Dr. Eric Blank, Director, State of Missouri Public Health Laboratory. MRI, May 15, 2007.

Invited and hosted Drs. Juergen Richt, Bob Rowland, and Wenjun Ma, Dept. of Diagnostic Medicine/Pathobiology, College of Veterinary Medicine, Kansas State University, Manhattan, KS. MRI, Dec. 10, 2009.

Host for client/sponsor site visit (partial list)

Hosted Stephen Harbeson, Technology Transfer Manager from NSWDC, for DTRA *Bacillus anthracis* program, MRI, Feb. 28, 2007.

Invited and hosted Dr. Paul Olivo, CEO/President, Apath, LLC, at MRI, Dec. 6, 2007.

Invited and hosted Joseph LaStella, CEO of Green Star Products, Inc., and Sherry Grandaza (Green Star products, Inc.), at MRI, Sept. 25, 2008.

Hosted Joseph LaStella, CEO of Green Star Products, Inc., and Sherry Grandaza (Green Star products, Inc.), and Scott Smith, Managing Director, Stern Bros. & Company, at MRI, Oct. 7, 2008.

Invited and hosted Dr. Robert Huebner, Deputy Director of the Influenza Division, Biomedical Advanced Research and Development Authority (BARDA), US Department of Health and Human Services (HHS/ASPR/BARDA) (CTR), at the Univ Florida Emerging Pathogens Institute, Gainesville, Florida, 26 – 27 Jan. 2011.

ACKNOWLEDGEMENTS

Kang, S., and W. R. Folk. 1992. Lymphotropic papovavirus transforms hamster cells without altering the amount or stability of p53. *Viol.* **191**, 754-764.

Wang, X., and W. R. Folk. 1994. Termination of transcription by RNA polymerase III from wheat germ. *J. Biol. Chem.* **7**, 4993-5004.

Lee, T. H., S. J. Elledge, and J. S. Butel. 1995. Hepatitis B virus X protein interacts with a probable cellular DNA repair protein. *J. Virol.* **69**, 1107-1114.

Carbone, M., *et al.* 1996. SV40-like sequences in human bone tumors. *Oncogene* **13**, 527-535.

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F. PRIMARY ISOLATION and CHARACTERIZATION of UNIQUE VIRUSES

SV40-strain CPC/MEN. First published report of the isolation and cloning of a viable natural SV40 genome by lipofection of purified total human choroid plexus tumor DNA into SV40-permissive monkey kidney cells. The virus was subsequently sequenced (GenBank Accession # AF156108). Described in Lednicky *et al.*, *Virol.* **212**, 710-717 (1995) and in Stewart *et al.*, *J. NeuroVirol.* **4**, 182-193 (1998). Plasmid clone deposited in ATCC (ATCC # VRMC-4).

SV40-strain K661. First published report of the detection and cloning of a viable natural SV40 genome with a **protoarchetypal** regulatory region. Isolated from brain tissue of an SIV-infected Rhesus macaque, then cloned (26 May 1996) and sequenced (GenBank Accession # AF038616). Described in: Lednicky *et al.*, *J. Virol.* **72**, 3980-3990 (1998). Plasmid clone deposited in ATCC (ATCC # 87722).

SV40-strain T302. First published report of the detection and cloning of a viable natural SV40 genome (archetypal regulatory region) which produces virus particles that grow slowly in CV-1 cells, presumably due to a unique twenty-four nucleotide deletion (encoding eight tandem amino acids) within the sequence encoding the carboxy terminus of SV40 T-ag. Isolated from the brain of an SIV-infected juvenile Rhesus macaque. Described in: Lednicky *et al.*, *J. Virol.* **72**, 3980-3990 (1998) (ATCC # VRMC-14).

SV40-6593-2. Variant of SV40 strain 6593 that was isolated from the brain of an SIV-infected Rhesus macaque. This virus clone has a tandem complete duplication of the agnoprotein gene and is the first description of this type of viral genomic structure in SV40. The regulatory region of SV40-6593-2 is archetypal. Described in: Lednicky *et al.*, *J. Virol.* **72**, 3980-3990 (1998).

SV40-Baylor-1 (SV40-B1). Archetypal progenitor of SV40 laboratory strain Baylor-2 (SV40-B2). Detected in and isolated from archived viral-cell lysate. Described in: Lednicky, J. A. and J. S. Butel, *J. Gen. Virol.* **78**, 1697-1705 (1997). Plasmid clone deposited in ATCC (ATCC # VRMC-2).

SV40-Baylor-3 (SV40-B3). Nonarchetypal regulatory region variant of SV40-B1 (unpublished). Detected in and isolated from archived viral-cell lysates (unpublished),

as well as from virus stocks rescued from artificially transformed human, mouse, and monkey cells (unpublished).

SV40-CAL-1. First documented SV40 isolation from a New World monkey outside of a laboratory setting. Described in: *Virus Genes* **29**, 183-190 (2004).

Additional plasmid clones (containing full-length SV40 genomes) deposited at ATCC:

1. pUCSV40-Baylor-2 (SV40-B2) [ATCC VRMC-3].
2. pUCSV40-VA45-54-1 [ATCC VRMC-5].
3. pUCSV40-VA45-54-2 [ATCC VRMC-6].
4. pUCSV40-388-1 [ATCC VRMC-9].
5. pUCSV40-388-2 [ATCC VRMC-10].
6. pUCSV40-388-16 [ATCC VRMC-11].
7. pUCSV40-A2895-1 [ATCC VRMC-12].
8. pUCSV40-A2895-2 [ATCC VRMC-13].
9. pUCSV40-T302-1 [ATCC VRMC-14].

Human polyomavirus 9 strain UF-1. Unique regulatory region structure; has multiple Sp1-binding sites, and differs by 2 amino acids in the coat protein region. Described in: *Virus Genes*. 2014 Dec; 49(3):490-492.

Other viruses (This list is not inclusive):

1. **JCV-JAL-1**. A JC virus strain with an archetypal regulatory region that was isolated from urine. This virus appears to be a recombinant between European and Asian strains of JC virus. Unpublished.
2. **Canine distemper virus**. Several isolates from dogs, coyotes, skunks, and raccoons that appear to be highly neurotropic. Some of these viruses are currently being evaluated in animal studies in a collaborative study with a vaccine manufacturer. Unpublished.
3. **Kilham rat virus-JAL-1**. A new strain from an outbreak in a rodent breeding facility. This isolate differs in nucleotide sequence but not in most protein sequences from the reference strain of *Kilham rat virus*. Unpublished.
4. **Mouse hepatitis virus (MHV)** and **Canine coronavirus (CaCoV)**. These coronaviruses were isolated from asymptomatic adult feral and wild mice (MHV), and from city dogs (CaCoV). They differ in nucleotide sequences from previous isolates; the isolation of these viruses from live animals is helpful for modeling coronavirus transmission and maintenance in living systems. Unpublished.
5. **Canine influenza virus**. Detected/Isolated in June 2004 from the blood and/or lungs of dogs from the City of Chicago. These viruses were isolated prior to the first journal reports of *Equine influenza virus* in dogs. Unpublished.
6. **Zika virus** (first 2 isolates from Haiti, isolated in 2015 and 2016).
7. **Human rhinovirus C-51**. Unique new rhinovirus (reverse genetics clone prepared).

8. Uncommon virus isolates, Lednicky laboratory: (a) **Zika virus** from traveler to Colombia; from Haitians, early 2014; from human breast milk, + others.
- (a) **Mayaro virus** from Haiti, 2015, (c) New **Influenza H3N2 virus** clades 3C.2a.1 and 3C.2a.2, Jan – Feb. 2017, Gainesville, FL, (d) **Chikungunya virus** from Haiti 2014 outbreak, and (e) **Dengue viruses** 1, 2, 3, and 4 from Haiti and elsewhere.
9. **Epizootic hemorrhagic disease** viruses 1, 2, and 6 from farmed deer of Florida. These are the first fully-sequenced EHDV from Florida.
10. **White-tailed deer poxvirus** isolate OV179. First isolation of the virus in Florida and complete genome sequence determination.
11. **Madariaga virus** strain MADV/Homo sapiens/VEN/148/2016. First detection of the virus in a person with acute infection.
12. **Spondweni virus**. Strain Culex quinquefasciatus/Haiti-1/2016. First detection in Culex mosquitoes of Haiti. First detection outside of Africa.
13. **Novel mammalian orthoreovirus**. Isolated from dead deer. (2019).
14. **Three novel orbiviruses**: Detected in dead deer (2019).

GenBank SUBMISSIONS: >700 entries