

# ALERTA BIBLIOGRÁFICA y NOTICIAS

Respuesta rápida para casos de  
epidemias/pandemias/desastres  
naturales

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**TESIS DOCTORALES.  
Coronavirus (CoV).  
Síndrome Respiratorio Agudo**  
[EBSCO.OpenDissertations.org](https://www.ebsco.com/Products/EBSCO-OpenDissertations)

# Bibliografía

1. **Regulation of IRF-3-Dependent Innate Immune Signaling Pathway by the PLpro Domain of Non-Structural Protein 3 (NSP3) of Severe Acute Respiratory Syndrome (SARS) Coronavirus.** Dissertation/ Thesis. Lester, Sandra Nicole. 2016. University: University of Tennessee Health Sciences Center. Disponible en: <https://dc.uthsc.edu/dissertations/376>

**Resumen:** The induction of Type I Interferons (IFNs) is a powerful and rapid innate defense mechanism against viral infection, and many viruses have developed elaborate strategies to overcome the antiviral...

**Descriptores:** Coronavirus (CoV); Innate Immunity; Papain like protease (PLpro); Severe Acute Respiratory Syndrome (SARS); Type I Interferon (IFN); Medical Immunology; Medical Sciences; Medicine and Health Sciences

2. **Evaluating the potential impact of targeted vaccination strategies in mitigating Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) and Middle East Respiratory Syndrome Coronavirus (MERS-CoV) outbreaks in the healthcare setting.** Dissertation/ Thesis. Abdirizak, Fatima Abdirahim. 2016. University: Georgia State University. Disponible en: [https://scholarworks.gsu.edu/iph\\_theses/475](https://scholarworks.gsu.edu/iph_theses/475)

**Resumen:** The Severe Acute Respiratory Syndrome (SARS) and Middle East Respiratory Syndrome (MERS) are two coronaviruses that have generated substantial nosocomial outbreaks. In particular, MERS continues ...

3. **Characterisation of the SARS-coronavirus nucleocapsid protein.** Dissertation/ Thesis. You, Jae Hwan. 2008. University: University of Leeds. Disponible en: <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.489883> .

**Resumen:** Coronaviruses are the causative agents of various mammalian diseases which have crucial economic and health-related problems and are mainly respiratory and gastrointestinal pathogens. They are po...

4. **Receptor binding by the SARS and NL63 coronaviruses.** Dissertation/ Thesis. Mathewson, Alison. 2008. University: University of Reading. Disponible en: <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.500517>

5. **SARS coronavirus : The nucleocapsid protein and the human immune response.** Dissertation/ Thesis. Mccrory, Sarah Ann. 2008. University: University of Reading. Disponible en: <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.515794>

6. **Nidovirus replication structures : hijacking membranes to support viral RNA synthesis.** Dissertation/ Thesis. Knoops, Kèvin. 2011. University: Leiden University. Disponible en: <http://hdl.handle.net/1887/17639>

Positive-stranded RNA viruses replicate in the cytoplasm of host cells and their replication complexes are associated with modified cell membranes. We investigated the structure of the nidovirus-...

**Descriptores:** Virus replication; SARS-coronavirus; Electron tomography; Nidoviruses; Arteriviruses; Double-membrane vesicle; Reticulovesicular network of modified endoplasmic reticulum

7. **Molecular insights into viral respiratory infections.** Dissertation/ Thesis. Cong, Ying-Ying. 2019. University: University of Groningen. Disponible en: [https://www.rug.nl/research/portal/en/publications/molecular-insights-into-viral-respiratory-infections\(d5ba906b-7a69-4a72-ac17-69d2f3107f6d\).html](https://www.rug.nl/research/portal/en/publications/molecular-insights-into-viral-respiratory-infections(d5ba906b-7a69-4a72-ac17-69d2f3107f6d).html)

**Resumen:** The structure of the respiratory tract facilitates gas exchange between the exterior environment and interior milieu of the host, while it is a susceptible target and feasible gateway for diverse...

**Descriptores:**

/dk/atira/pure/researchoutput/classifications/to\_be\_checked\_by\_faculty; To be checked by Faculty

8. **Regulation of coronavirus-induced host responses.** Dissertation/ Thesis. Versteeg, Gijbert Adriaan. 2008. University: Leiden University. Disponible en: <http://hdl.handle.net/1887/12864>

**Resumen:** Coronaviruses (CoV) are positive-stranded RNA viruses with a genome of approximately 30 kb. Most human coronaviruses cause upper respiratory tract infections. Here we applied microarray analysis ...

**Descriptores:** Interferon; Microarray; Murine hepatitis virus; SARS coronavirus; Unfolded protein response

9. **Single Virion Fusion Studies Of Membrane-Enveloped Viruses To Biomimetic Membranes.** Dissertation/ Thesis. Costello, Deirdre. 2014. University: Cornell University. Disponible en: <https://hdl.handle.net/1813/37041>

**Resumen:** SINGLE VIRION FUSION STUDIES OF MEMBRANE-ENVELOPED VIRUSES TO CELL-DERIVED MEMBRANES Deirdre Ann Costello, Ph. D. Cornell University [2014] Understanding the mechanisms involved in the viral entr...

**Descriptores:** Virus fusion; single virion; biomimetic membranes

10. **Untangling the Complexities of Coronavirus Host Membrane Remodeling.** Dissertation/ Thesis. Angelini, Megan Mary. 2014. University: University of California. Disponible en: <https://escholarship.org/uc/item/6vj2v5r3>

**Resumen:** Coronaviruses, like nearly all studied positive sense single-stranded RNA viruses, rely on host cell internal membranes to produce structures that support viral replication. These structures form...

**Descriptores:** Virology; Molecular biology; coronavirus; double membrane vesicle; membrane rearrangement; postive sense virus; SARS

11. **Induction and evasion of the interferon system in bats.** Dissertation/ Thesis. McGuinness, Claire. 2014. University: St George's, University of London. Disponible en: <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.616981>

**Resumen:** It has become apparent in recent years that many viruses associated with both emerging (SARS coronavirus, Hendra virus, Nipah virus) and established (lyssaviruses, including rabies and Ebola viru...

12. **Evaluating risks of paramyxovirus and coronavirus emergence in China.** Dissertation/ Thesis. Chmura, Aleksei Avery. 2017. University: Kingston University. Disponible en: <https://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.754986>

**Resumen:** Viruses such HIV, SARS Coronavirus, Ebola, and influenza A virus pose significant burdens globally to human health due to their continued emergence from wildlife reservoirs such as birds, bats, a...

**Descriptores:** Biological sciences

12. **Coronavirus proteins and their directed evolution to inhibit virus replication.** Dissertation/ Thesis. Abdulsattar, Ban Oday. 2017. University: University of Reading. Disponible en: <https://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.729359>

**Resumen:** Coronaviruses are enveloped, positive sense, RNA viruses that infect many species of animals, including humans. Of the six coronaviruses that can infect humans, SARS-CoV and MERS-CoV are the etio...

14. **Prostaglandin regulation of immune responses against coronavirus infections.** Dissertation/ Thesis. Vijay, Rahul. 2016. University: University of Iowa. Disponible en: <https://ir.uiowa.edu/etd/3209>

**Resumen:** Prostaglandins (PG) are ubiquitous lipid mediators that play key roles in pathophysiological responses to infections. They are considered to have both pro and anti-inflammatory roles depending up...

**Descriptores:** public:description; Aging Lung; Brain; Prostaglandins; SARS-CoV; Immunology of Infectious Disease

15. **Modeling Environmental Exposure and Disease at the Scale of Microbes, Hospital Patients, and Geographic Regions.** Dissertation/ Thesis. Greenfield, Ben K. 2016. University: University of California. Disponible en: <https://escholarship.org/uc/item/5wz4t5pj>

**Resumen:** This thesis presents the application of three mathematical models to problems linking environmental exposures to human health. The models differ in spatial and temporal analysis scale. The premis...

**Descriptores:** Environmental health; Public health; Microbiology; antibiotic; exposure science; hospital-associated infection; model; multivariate; spatial

**16. Arterivirus PLP2 : an OTU deubiquitinase that counteracts Innate Immunity.** Dissertation/ Thesis. Kasteren, Puck Bertyne van. 2014. University: Leiden University. Disponible en: <http://hdl.handle.net/1887/29907>

**Resumen:** The work described in this thesis provides novel insights into the structural and (multi)functional characteristics of arterivirus PLP2. This enzyme plays an essential role in the viral replicati...

**Descriptores:** Interferon; Arterivirus; Deubiquitinase; Nidovirus; Protease; Innate immunity; Crystal structure; Ubiquitin

**17. A tale of two hypotheses: Effect of the herpes simplex-1 virus virion host shutoff (vhs) protein on bicistronic reporters.** Dissertation/ Thesis. Rose, Alexandra R. 2014. University: University of Alberta. Disponible en: <https://era.library.ualberta.ca/items/bdc18368-551e-4145-9d84-32a78ec9ce10>

**Resumen:** The herpes simplex virus virion host shutoff (vhs) protein acts as an mRNA specific endoribonuclease. Our lab has previously determined that vhs stimulates expression of the 3' CAT cistron...

**18. Host factors in nidovirus replication.** Dissertation/ Thesis. Wilde, Adriaan Hugo de. 2013. University: Leiden University. Disponible en: <http://hdl.handle.net/1887/22212>

**Resumen:** The interplay between nidoviruses and the infected host cell was investigated. Arterivirus RNA-synthesising activity was shown to depend on intact membranes and on a cytosolic host protein which ...

**Descriptores:** Coronavirus; Arterivirus; SARS; MERS; Cyclosporin a; Interferon; Sirna screen; RNAi

**19. Dendritic cell-targeted nanoparticles for the delivery of dna and protein vaccines.** Dissertation/ Thesis. Raghuwanshi, Dharmendra. 2012. University: University of Alberta. Disponible en: <https://era.library.ualberta.ca/items/908cc651-604f-4b9e-9121-f03d1563c8e7>

**Resumen:** Dendritic cells (DCs) play a central role in shaping antigen-specific immune response. Antibody-mediated antigen targeting to DC-specific surface receptors is a promising approach to en...

**Descriptores:** Vaccine; Nanoparticles; Dendritic cell targeting

**20. A biochemical portrait of the nidovirus RNA polymerases and helicase.** Dissertation/ Thesis. Velthuis, Arend Jan Wouter te. 2012. University: Leiden University. Disponible en: <http://hdl.handle.net/1887/18950>

**Resumen:** This thesis discusses the purification and activities of the SARS-coronavirus (SARS-CoV) RNA-dependent RNA polymerases (RdRps) nsp12 and nsp(7+8). The first is a large monomeric RdRp, whose stabi...

**Descriptores:** Coronavirus; Helicase; Magnetic tweezers; Nidovirus; RNA polymerase; RNA virus; SARS; Single-molecule

**21. Structural and biophysical studies of RNA-dependent RNA polymerases.** Dissertation/ Thesis. By: Wright, Sam Mathew. 2010. University: University of Oxford. Disponible en: <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.531798>

**Resumen:** RNA-dependent RNA polymerases (RdRps) play a vital role in the life cycle of RNA viruses, being responsible for genome replication and mRNA transcription. In this thesis viral RdRps (vRdRps) of d...

**22. Synthesis and investigation of viral cysteine protease inhibitors and biosynthetic studies on subtilisin A.** Dissertation/ Thesis. Miyyapuram, Venugopal. 2009. University: University of Alberta. Disponible en: <https://era.library.ualberta.ca/items/a56eeae-e0c2-48f8-9ea6-994d12c62e24>

**Resumen:** This thesis discusses the synthesis and evaluation of cysteine protease inhibitors, the asymmetric reduction of pseudoxazolones, and the study of the mechanism of subtilisin A b...

**Descriptores:** Cysteine proteinases--Inhibitors--Synthesis; Peptide antibiotics--Synthesis; Bacillus subtilis--Genetics; Cysteine proteinases--Inhibitors--Evaluation; Cyclic peptides--Synthesis; SARS (Disease)--Chemotherapy

**23. Factors directing the RNA-dependent RNA polymerase jump during discontinuous transcription in coronaviruses.** Dissertation/ Thesis. Wu, Hung-Yi. 2003. University: University of Tennessee. Disponible en: [https://trace.tennessee.edu/utk\\_graddiss/5210](https://trace.tennessee.edu/utk_graddiss/5210)

**Resumen:** It has been 23 years since it was learned that coronavirus subgenomic messenger RNAs are unusual among virus messenger RNAs in that they are 5' and 3' co-terminal with the plus-strand RNA viral g...

**24. Stem-loops III and IV in the 5' untranslated region are CIS-acting elements in bovine coronavirus DI RNA replication.** Dissertation/ Thesis. Raman, Sharmila. 2003. University: University of Tennessee. Disponible en: [https://trace.tennessee.edu/utk\\_graddiss/5177](https://trace.tennessee.edu/utk_graddiss/5177)

**Resumen:** Higher-order structures in the 5' untranslated region (UTR) of plus-strand RNA viruses are known in many cases to function as cis-acting elements in RNA translation, replication, and transcriptio...

# Noticias

1. [Infobae](#)  
La respuesta acelerada del sistema inmune puede ser letal para los enfermos del COVID-19...
2. [Tvyumuri.ict.cu/noticias/](http://Tvyumuri.ict.cu/noticias/)  
Científicos argentinos logran secuenciar el genoma completo del nuevo coronavirus COV-2
3. [Prensa Latina](#)  
China recluta voluntarios para otra vacuna contra Covid-19
4. [teleSUR TV](#)  
¿Cómo se diferencia Covid-19 de otros síndromes respiratorios?
5. [Prensa Latina](#)  
Vietnam rescata del SARS-Cov-2 a más de la mitad de los ...
6. [Prensa Latina](#)  
Medida de Cuba permitirán vencer al coronavirus SARS-Cov-2
7. [Diario Granma](#)  
La COVID-19: Solidaridad o navegar por los mares inciertos del ...
8. [Prensa Latina](#)  
Cuando volvamos a la normalidad tras Covid-19 (+Video)

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