



Convocatoria Extraordinaria de Colaboración Binacional frente al COVID-19 Universidad Nacional Autónoma de México – Universidad de California

A continuación, se enlistan los Proyectos Seleccionados:

	Título	Área
1	A machine learning algorithm as a COVID-19 diagnostic proxy: Validation in a Mexican medical center. An extension of UCLA work in collaboration with UNAM and Nutrición Salvador Zubirán.	Biomédica
2	Acceso COVID: página web de acceso abierto para monitorear la evolución de la pandemia.	Sist. de Salud
3	Anti-COVID peptides: Blocking SARS-CoV-2 infection with engineered peptides that will inhibit either binding or cell entry of the SARS-CoV2 virus which could lead to real-world COVID therapies.	Biomédica
4	Characterization of BRAIN ACE2→ANGIOTENSIN-(1-7)→MAS RECEPTOR AXIS to explore increased vulnerability to SARS-CoV-2 in an obese vs lean mice to know how Vitamin D may be implicated in regulating ACE2 pathways in the brain.	Biomédica
5	Consejería psicológica en línea para atender a población migrante en California durante el COVID-19. Propuesta potencial de ampliar su aplicación a otros consulados.	Sist. de Salud
6	Construyendo comunidades y redes de economía solidaria a través de una plataforma web.	Consec. Soc. y Económicas
7	Discovering inhibitors of the SARS-COV-2 SPIKE PROTEIN from natural sources that could lead to new treatments for SARS-CoV-2 or other coronaviruses.	Biomédica
8	Diseño y prueba de una intervención para mitigar consecuencias en salud de Covid-19 en migrantes a través del uso de una App móvil.	Consec. Soc. y Económicas
9	Evidence of SARS-CoV-2 in vulnerable populations in Tijuana, Mexico; which will enable the start of antibody testing, a pilot that will let test much larger samples and the ability to characterize the evolution of the epidemic among vulnerable populations.	Biomédica
10	Fractional calculus based modeling & prediction of COVID19 spreading with network effects. Obtaining and understanding a spreading event pdf is of paramount importance.	Sist. de Salud
11	Impact of COVID-19 on Young People’s Labor Market Participation, Political Engagement, & Well-Being.	Consec. Soc. y Económicas
12	Modeling the de-escalation of control measurements of COVID-19 in California and Baja California.	Biomédica
13	Pathophysiological analysis of ACE2’s role in COVID19: could HRT ameliorate the disease severity? Understanding the different ways in which males vs females are affected by the disease.	Biomédica



Próximamente daremos a conocer más información sobre el resultado de la Convocatoria Extraordinaria de Colaboración Binacional Frente al COVID-19, Universidad Nacional Autónoma de México – Universidad de California.

A continuación, se enlistan los Proyectos Seleccionados:

14	Psychosocial consequences of COVID-19 in farmworkers from avocado farms in Michoacan, Mexico. This may have real impact on policies for migrant farm workers on both sides of the border.	Consec. Soc. y Económicas
15	Reactivación económica en San Juan Tlacotenco, Tepoztlán, Morelos. Con potencial de ser replicado en otras comunidades.	Consec. Soc. y Económicas
16	Reducing Vulnerability to COVID through a community-based approach in small rural establishments. The case of the tortilla handmakers in the Purépecha area of Michoacán.	Sist. de Salud
17	Sistema de vigilancia en plantas de tratamiento de aguas residuales para SARS-CoV-2 en Ciudad de México y San Francisco.	Sist. de Salud
18	Targeting neutrophils as a strategy to ameliorate severe COVID-19. results could soon lead to a clinical trial.	Biomédica
19	The compounded impact of COVID-19 on agricultural workers in the presence of two major health risks for farmworkers, namely heat stress and Covid-19 infection. Comparisons of California and Mexican workers will be of interest.	Sist. de Salud
20	Validación de un sistema de diagnóstico molecular portátil para SARS-CoV-2 para punto de contacto (point-of-care).	Biomédica