

All RCE research projects

group_name	region	project_title	similarity	principle_investigator	institution	v-con?	prior_collaborations?
cluster_1	MRCE	Abstract #9: Project 11	1.00000	Belshe, Robert B.	Saint Louis University	yes	none
	MRCE	Abstract #7: Project 9: Stanley	0.32057	Stanley, Samuel L.	Washington University	yes	none
	MRCE	Abstract #30 Project 8: Kazura	0.31816	Kazura, James	Case Western Reserve University	yes	none
	MARCE	Abstract #7 Poxvirus Subproject #1: Subunit Vaccines	0.29320	Cohen, Gary H.	University of Pennsylvania		none
	SERCEB	Abstract #8 Project 1.1	0.28778	Garber, David	Emory University		none
	SERCEB	Abstract #10 Project 1.3: Anti-Orthopox Immunomodulatory Molecule Vaccine	0.26052	Pickup, David	Duke University Medical Center		none
cluster_2	SERCEB	Abstract #10 Project 1.3: Anti-Orthopox Immunomodulatory Molecule Vaccine	1.00000	Pickup, David	Duke University Medical Center		none
	MRCE	Abstract #2 Project 5: Freemont	0.33395	Fremont, David	Washington University		virgin hw (2) ¹
	MARCE	Abstract #7 Poxvirus Subproject #1: Subunit Vaccines	0.29624	Cohen, Gary H.	University of Pennsylvania		none
	NERCE	Project 4	0.29614	Kasper, Dennis L.	Harvard Medical School		none
	MARCE	Abstract #6 RP2.4: Alphavirus replicons	0.28763	Quinnan, Gerald V.	Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.		none
	SERCEB	Abstract #8 Project 1.1	0.27953	Garber	Emory University		none
	NBC	Abstract #11 Identification and characterization of IFN-antagonists: critical virulence factors	0.26858	Basler	Mount Sinai School of Medicine	yes	none
	WRCE	Recombinant envelope protein domain III as a candidate subunit dengue vaccine	0.26448	Barrett, Alan	UTMB Galveston		none
	MRCE	Abstract #9: Project 11	0.26052	Belshe, Robert B.	Saint Louis University	yes	none
	MARCE	Abstract #9 Project 3.4 Ectomelia Pathogenesis	0.26001	Braciale, Thomas J.	University of Virginia		none
	SERCEB	Abstract #9 Cross Protection against multiple poxviruses	0.25800	Johnston, Robert	University of North Carolina at Chapel Hill	no	none
	MRCE	Abstract #7: Project 9: Stanley	0.25244	Stanley, Samuel L.	Washington University	yes	virgin hw (2) ²
	MRCE	Abstract #5 Project 6: Virgin	0.25089	Virgin, Herbert W.	Washington University	yes	[fremont d (2), johnston (1), stanley sl (2)]
	NBC	Abstract #10: Theme 3	0.25035	Rose, John K.	Yale University		none
cluster_3	MARCE	Abstract #12 RP4.3: Design of a rationally attenuated mucosally-administered F. tularensis vaccine strain	1.00000	Levine, Myron	University of Maryland, Baltimore	yes	none
	MARCE	Abstract #15 RP4.31 Therapies for tularemia	0.41407	Mann, Barbara J.	University of Virginia		none
	WRCE	Revealing the attenuating mutations of F. tularensis LVS	0.38680	Petrosino, Joseph	Baylor College of Medicine	yes	none
	WRCE	Development and evaluation of human brucellosis vaccines	0.26232	Adams, L. Garry	Texas A&M University		none
	WRCE	Vaccine for rocky mountain spotted fever	0.25052	Yu, Xuejie	UTMB Galveston		none
	WRCE	Reassortant vaccine for lassa fever: advanced proof-of-concept in small nonhuman primates	[0.29382]	Patterson, Jean	Southwest Foundation for Biomedical Research		none
	MARCE	Abstract #10 Multi-valent F. tularensis capsule/protein conjugate vaccines	[0.28471]	Inzana, Thomas J.	Virginia Polytechnic Institute & State University	yes	none
	MARCE	Abstract #11 Subproject 4.2: Innate and adaptive immune responses to Francisella tularensis	[0.27328]	Vogel, Stefanie N.	University of Maryland, Baltimore		none
	MRCE	Abstract #17 Project 19: Fan	[0.27060]	Fan, Xiaofeng	Saint Louis University		none
	WRCE	Bacillus anthracis - host interactions	[0.26257]	Koehler, Theresa	University of Texas Health Science Center at Houston	yes	none
	WRCE	Discovery of subunit vaccines for smallpox	[0.25084]	Sykes, Kathryn F.	Arizona State University		none
	WRCE	Discovery of subunit vaccines for smallpox	[0.25195]	Mason, Peter	UTMB Galveston		none
cluster_4	GLRCE	Prevention and control of ebola virus infection	1.00000	Kawaoka, Yoshihiro	University of Wisconsin	yes	none
	NBC	Abstract #11 Identification and characterization of IFN-antagonists: critical virulence factors	0.32567	Basler (CF?)	Mount Sinai School of Medicine	yes	garcia-sastre a (23) ³
	GLRCE	A screening system for anti-virals	0.29186	Kawaoka, Yoshihiro	University of Wisconsin	yes	none
	MRCE	Abstract #18 project 21: Olivio, P.	0.27337	Olivio, Paul D.	Apath, LLC		none
	WRCE	Genetic screens to identify the ebola virus receptor	0.25088	Sutton, Richard E.	Baylor College of Medicine		none
	NBC	Abstract #12 Role of dengue virus non-structural proteins in inhibiting innate immunity	[0.27907]	Garcia-Sastre, Adolfo	Mount Sinai School of Medicine	yes	[basler cf (23)]
	MARCE	Abstract #5 RP2.1 Heniparvirus and bunyaviruses	[0.26912]	Broder, Christopher C.	Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	yes	none
	SERCEB	Abstract #10 Project 1.3: Anti-Orthopox Immunomodulatory Molecule Vaccine	[0.26858]	Pickup, David	Duke University Medical Center		none
cluster_5	WRCE	Novel genetic tools for viral biodefense	[0.25195]	Mason, Peter	UTMB Galveston		none
	SERCEB	Abstract #16 4.1	1.00000	Straley (SC?)	University of Kentucky Research Foundation		bliska jb (1), brubaker, rr (3), goguen jd (2) ⁴
	NBC	Abstact #5 Antibodies to the yop translocon and immunity to the plague	0.29468	Bliska, James B.	Research Foundation of the State University of New York		[straley sc (1)]
	GLRCE	A putative virulence factor in yersinia	0.27874	Satchell, Karla Fullnew	Northwestern		none
	GLRCE	Immunity to yersinia pestis infections	0.27604	Brubaker, Robert	Michigan State University	yes	anderson d (2), goguen jd (1) ⁵
	MRCE	Abstract #12 project 12: Goldman	0.26384	Goldman, William	Washington University		none
	GLRCE	Animal models and correlates of immunity for plague	[0.41983]	Anderson, Debra	University of Chicago		[brubaker rr (2)]
	NERCE	Project 2A	[0.30614]	Goguen, Jon D.	University of Massachusetts Medical School		[straley sc (2), brubaker, rr(1)]
cluster_6	NBC	Abstract #4 RCE in biodefense and emerging disease	[0.26864]	Steinman, Ralph M.	Rockefeller University	yes	none
	WRCE	Discovery of subunit vaccines for smallpox	1.00000	Sykes, Kathryn F.	Arizona State University		none
	SERCEB	Abstract #8 Project 1.1	0.31620	Garber	Emory University		none
	WRCE	Discovery of subunit vaccine candidates against glanders	0.30765	Estes, D. Mark	UTMB Galveston		adams lg (1) ⁶
	MARCE	Abstract #7 Poxvirus Subproject #1: Subunit Vaccines	0.26348	Cohen, Gary H.	University of Pennsylvania		none
	MRCE	Abstract #30 Project 8: Kazura	0.26139	Kazura, James	Case Western Reserve University	yes	none
	MRCE	Abstract #7: Project 9: Stanley	0.25167	Stanley, Samuel L.	Washington University	yes	none
	WRCE	Development and evaluation of human brucellosis vaccines	0.25084	Adams, L. Garry	Texas A&M University		[estes dm (1)]
cluster_7	WRCE	Recombinant envelope protein domain III as a candidate subunit dengue vaccine	1.00000	Barrett, Alan	UTMB Galveston		mason pw (1) ⁷
	MRCE	Abstract #17 Project 19: Fan	0.36170	Fan, Xiaofeng	Saint Louis University		none
	WRCE	Development of novel pseudoinfectious flavivirus vaccines	0.33768	Mason, Peter	UTMB Galveston		[barrett ad (1)]
	SERCEB	Abstract #10 Project 1.3: Anti-Orthopox Immunomodulatory Molecule Vaccine	0.26448	Pickup, David	Duke University Medical Center		none
	GLRCE	Development of antiviral strategies	0.25910	Kuhn, Richard J.	Purdue University		none
cluster_8	MARCE	Abstract #1 RP1.1 B. anthracis spore antigens	1.00000	O'Brien, Alison D.	Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	yes	none
	MARCE	Abstract #2 RP1.2 Vegetative phase antigens of B. anthracis as a multivalent vaccine for anthrax	0.31954	Cross, Alan S.	Center for Vaccine Development University of Maryland, Baltimore	yes	none
	WRCE	Cell wall proteins in bacillus anthracis as vaccines	0.30731	Xu, Yi	Texas A&M University		none
	NBC	Abstract #6 Theme 3 Crystal: Anti-B. anthracis vaccinatino and passive protection	0.28251	Crystal, Ronald	Weill Medical College of Cornell University		none
	WRCE	Bacillus anthracis - host interactions	0.26701	Koehler, Theresa	University of Texas Health Science Center at Houston	yes	none
	NBC	Abstract #2 B cell related intervention	0.25810	Casadevall, Arturo	Albert Einstein College of Medicine	yes	none
	MARCE	Abstract #3 Project 1.3: Actions and interactions of the toxins of B. anthracis	[0.31645]	Hewlett, Erik L.	University of Virginia	yes	none
	NERCE	Project 1A: Direct inhibition of anthrax toxin action	[0.27067]	Collier, John R.	Harvard Medical School		none
	NBC	Abstract #10: Theme 3	[0.26728]	Rose, John K.	Yale University		none
	WRCE	Development and evaluation of human brucellosis vaccines	[0.26257]	Adams, L. Garry	Texas A&M University		none
	WRCE	Development and evaluation of human brucellosis vaccines	[0.26257]	Adams, L. Garry	Texas A&M University		none

¹structural basis of chemokine sequestration by a herpesvirus decoy receptor

identification of a gammaherpesvirus selective chemokine binding protein that inhibits chemokine action

²SCID mice as models for parasitic infections

a severe combined immunodeficient (SCID) mouse model for infection with entamoeba histolytica

³numerous articles relating to influenza virus, newcastle disease, nipah virus, ebola virus

⁴yops of yersinia spp. pathogenic for humans (bliska jb)

genome sequence of yersinia pestis KIM (brubaker rr)

localization in yersinia pestis of peptides associated with virulence (brubaker rr)

cytoplasmic and membrane proteins of yersiniae cultivated under conditions simulating mammalian intracellular environment (brubaker rr)

genetic analysis of the low calcium response in yersinia pestis mu d1 (Ap lac) nsertion mutants (goguen jd)

use of the UV-irradiated bacteriophage T6 to kill extracellular bacteria in tissue culture infectivity assays (goguen jd)

⁵LcrV plague vaccine with altered immunomodulatory properties (anderson d)

thymoxamine reverses phenylephrine-induced mydriasis (anderson d)

plasminogen activator/coagulase gene of yersinia pestis is responsible for degradation of plasmid-encoded outer membrane proteins (goguen jd)

⁶production and use of murine monoclonal antibodies reactive with bovine IgM isotype and IgG subisotypes (IgG1, IgG2a and IgG2b) in assessing immunoglobulin levels in serum of cattle

⁷west nile virus: where are we now?

Table 3-2: Clusters identified through analysis