

Resource Summary Report

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New Iberia Research Center

RRID:SCR_008279

Type: Tool

Proper Citation

New Iberia Research Center (RRID:SCR_008279)

Resource Information

URL: <http://nirc.louisiana.edu/index.html>

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Description: NIRC maintains and provides available research facilities accredited by the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) International; a ready source of chimpanzees of mixed ages and sex for use in biomedical and behavioral sciences, and also provides professional staff necessary to support investigators with their research needs. Current Research: Vaccine development and testing; pharmacokinetic, pharmacodynamic, preclinical safety, and efficacy studies. Services Provided: The University of Louisiana at Lafayette-New Iberia Research Center (UL Lafayette-NIRC) is an AAALAC-International-accredited nonhuman primate research facility dedicated to the support of basic and applied biomedical and behavioral research. All proposed programs must be approved by the presenting institution and the UL Lafayette-NIRC animal care and use committees. State-of-the-art biomedical support facilities are available that include access to ultrasound, radiography with automatic processor and computer imagery for diagnostic enhancement, and endoscopy and laparoscopy with video monitors, camera and color photo imagery. Diagnostic Laboratory: A 12,000-square-foot laboratory is available for investigators' research support requirements. Capabilities within the laboratory include but are not limited to hematology, chemistry, microbiology, urinalysis, parasitology, and histology. Among the investigator support procedures are Ficoll gradient isolation of peripheral blood mononuclear cells, platelet aggregation profiles, nonhuman primate lymphocyte proliferation assay, and flow cytometry (lymphocyte enumeration). Emergency generator power is accessible in each laboratory unit and for all major instrumentation and critical freezers. Animals: The center cares for approximately 360 chimpanzees and 5,500 New and Old World species of nonhuman primates. In addition to chimpanzees, the following species of nonhuman primates are being bred at the center: Vervet monkey (*Chlorocebus aethiops*), cynomolgus macaque (*Macaca fascicularis*), pigtailed macaque (*M. nemestrina*), rhesus macaque (*M. mulatta*).

Synonyms: NIRC

Resource Type: biomaterial supply resource, material resource, organism supplier

Keywords: endoscopy, animal, assay, behavioral, biomedical, blood, cell, chemistry, chimpanzee, chlorocebus aethiops, cynomolgus, cytometry, development, hematology, histology, imagery, laboratory, laparoscopy, lymphocyte, macaca fascicularis, macaca mulatta, macaca nemestrina, macaque, microbiology, monkey, mononuclear, nonhuman, parasitology, peripheral, pharmacodynamic, pharmacokinetic, photo, pigtailed, platelet, primate, radiography, research, rhesus, science, testing, ultrasound, urinalysis, vaccine, vervet

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NCRR U42 RR01 5087

Resource Name: New Iberia Research Center

Resource ID: SCR_008279

Alternate IDs: nif-0000-24364

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260808T185906+0000

Ratings and Alerts

No rating or validation information has been found for New Iberia Research Center.

No alerts have been found for New Iberia Research Center.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Ji Y, et al. (2026) Exploring the Impact of Adjuvants on Vaccine Immunity Through Hematopoietic Cells. *Vaccines*, 14(2).

Wei J, et al. (2026) Characterization of humoral and cellular immunity induced by mRNA vaccines expressing norovirus VP1 proteins in mice and NHPs. *Molecular therapy : the journal of the American Society of Gene Therapy*, 34(1), 300.

Vogel AB, et al. (2026) Strong and early immune responses against SARS-CoV-2 in mice and rhesus macaques after BNT162b3 vaccination. *NPJ vaccines*, 11(1), 10.

Maxwell J, et al. (2026) Rescuing age-associated vaccine hyporesponsiveness in murine and nonhuman primate models with an immunostimulatory vaccine adjuvant. *Human vaccines & immunotherapeutics*, 22(1), 2689208.

Hamada M, et al. (2025) MRI navigation surgery for T4b rectal cancer using multiple minimally invasive surgical approaches. *International journal of colorectal disease*, 40(1), 66.

Joo JY, et al. (2025) Intravaginal delivery of mRNA-encoded antibodies with enhanced breadth and potency for SHIV/HIV protection. *Nature communications*, 16(1), 10463.

Danz H, et al. (2025) Synergistic effect of nucleoside modification and ionizable lipid composition on translation and immune responses to mRNA vaccines. *NPJ vaccines*, 10(1), 212.

Hou JU, et al. (2025) An artificial intelligence-based image recognition model using indocyanine green cholangiography to identify the hepatocystic triangle during minimally? invasive cholecystectomy. *Wideochirurgia i inne techniki maloinwazyjne = Videosurgery and other miniinvasive techniques*, 20(4), 432.

Fuchs N, et al. (2024) In-ice light measurements during the MOSAiC expedition. *Scientific data*, 11(1), 702.

Morgan DM, et al. (2024) Full-length single-cell BCR sequencing paired with RNA sequencing reveals convergent responses to pneumococcal vaccination. *Communications biology*, 7(1), 1208.

Kim J, et al. (2024) TGF- β blockade drives a transitional effector phenotype in T cells reversing SIV latency and decreasing SIV reservoirs in vivo. *Nature communications*, 15(1), 1348.

Caniels TG, et al. (2024) Germline-targeting HIV vaccination induces neutralizing antibodies to the CD4 binding site. *Science immunology*, 9(98), eadk9550.

Weidenbacher PA, et al. (2023) A ferritin-based COVID-19 nanoparticle vaccine that elicits robust, durable, broad-spectrum neutralizing antisera in non-human primates. *Nature communications*, 14(1), 2149.

Nelson AN, et al. (2023) Germline-targeting SOSIP trimer immunization elicits precursor CD4 binding-site targeting broadly neutralizing antibodies in infant macaques. *bioRxiv : the preprint server for biology*.

Pallikkuth S, et al. (2023) IL-21-IgFc immunotherapy alters transcriptional landscape of lymph node cells leading to enhanced flu vaccine response in aging and SIV infection. *Aging cell*, 22(11), e13984.

Zohar T, et al. (2022) Upper and lower respiratory tract correlates of protection against respiratory syncytial virus following vaccination of nonhuman primates. *Cell host & microbe*, 30(1), 41.

Xiao P, et al. (2022) Hypo-osmolar rectal douche tenofovir formulation prevents simian/human immunodeficiency virus acquisition in macaques. *JCI insight*, 7(23).

Samer S, et al. (2022) Blockade of TGF- β signaling reactivates HIV-1/SIV reservoirs and immune responses in vivo. JCI insight, 7(21).

Walls AC, et al. (2022) Distinct sensitivities to SARS-CoV-2 variants in vaccinated humans and mice. Cell reports, 40(9), 111299.

Raúl Schmidt A, et al. (2022) Distribution of kisspeptin system and its relation with gonadotropin-releasing hormone in the hypothalamus of the South American plains vizcacha, *Lagostomus maximus*. General and comparative endocrinology, 317, 113974.