

# 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:** organism supplier, biomaterial supply resource, material resource

**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:** 20260729T044218+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 41 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [T1D](#) .

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.

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- $\beta$  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.

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.

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.

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- $\beta$  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.

Pillet S, et al. (2022) Safety, immunogenicity, and protection provided by unadjuvanted and adjuvanted formulations of a recombinant plant-derived virus-like particle vaccine candidate for COVID-19 in nonhuman primates. *Cellular & molecular immunology*, 19(2), 222.

Walls AC, et al. (2021) Elicitation of broadly protective sarbecovirus immunity by receptor-binding domain nanoparticle vaccines. *Cell*, 184(21), 5432.

Pallikkuth S, et al. (2021) Age Associated Microbiome and Microbial Metabolites Modulation and Its Association With Systemic Inflammation in a Rhesus Macaque Model. *Frontiers in immunology*, 12, 748397.

Xiao P, et al. (2021) Parainfluenza Virus 5 Priming Followed by SIV/HIV Virus-Like-Particle Boosting Induces Potent and Durable Immune Responses in Nonhuman Primates. *Frontiers in immunology*, 12, 623996.

Walls AC, et al. (2021) Elicitation of broadly protective sarbecovirus immunity by receptor-binding domain nanoparticle vaccines. *bioRxiv : the preprint server for biology*.