Resource Summary Report

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ONPRC18 Multimodal MRI Atlas

RRID:SCR_019073
Type: Tool

Proper Citation

ONPRC18 Multimodal MRI Atlas (RRID:SCR_019073)

Resource Information

URL: http://www.nitrc.org/projects/onprc18_atlas/

Proper Citation: ONPRC18 Multimodal MRI Atlas (RRID:SCR_019073)

Description: Atlas includes co-registered templates constructed from MR images frequently used to characterize macroscopic brain structure T2/SPACE and T1/MP-RAGE, and diffusion tensor imaging template.

Resource Type: data or information resource, atlas

Keywords: Atlas data, MRI, MR image, imaging template, macroscopic brain structure, T2/SPACE, T1/MP-RAGE, diffusion tensor imaging template

Funding:

Availability: Free, Freely available

Resource Name: ONPRC18 Multimodal MRI Atlas

Resource ID: SCR_019073

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Record Creation Time: 20220129T080343+0000

Record Last Update: 20250422T060133+0000

Ratings and Alerts

No rating or validation information has been found for ONPRC18 Multimodal MRI Atlas.

No alerts have been found for ONPRC18 Multimodal MRI Atlas.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 143 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Weiss AR, et al. (2021) The macaque brain ONPRC18 template with combined gray and white matter labelmap for multimodal neuroimaging studies of Nonhuman Primates. NeuroImage, 225, 117517.

Webb GM, et al. (2020) The human IL-15 superagonist N-803 promotes migration of virus-specific CD8+ T and NK cells to B cell follicles but does not reverse latency in ART-suppressed, SHIV-infected macaques. PLoS pathogens, 16(3), e1008339.

Estep RD, et al. (2020) Molecular analysis of lymphoid tissue from rhesus macaque rhadinovirus-infected monkeys identifies alterations in host genes associated with oncogenesis. PloS one, 15(2), e0228484.

Steinbach RJ, et al. (2020) A neonatal nonhuman primate model of gestational Zika virus infection with evidence of microencephaly, seizures and cardiomyopathy. PloS one, 15(1), e0227676.

Shapiro MB, et al. (2020) Single-dose bNAb cocktail or abbreviated ART post-exposure regimens achieve tight SHIV control without adaptive immunity. Nature communications, 11(1), 70.

Zimmerman B, et al. (2020) Longitudinal Effects of Immediate and Delayed Estradiol on Cognitive Performance in a Spatial Maze and Hippocampal Volume in Menopausal Macaques Under an Obesogenic Diet. Frontiers in neurology, 11, 539.

Quintel BK, et al. (2020) Vaccine-mediated protection against Campylobacter-associated enteric disease. Science advances, 6(26), eaba4511.

Welter H, et al. (2020) The Glucocorticoid Receptor NR3C1 in Testicular Peritubular Cells is Developmentally Regulated and Linked to the Smooth Muscle-Like Cellular Phenotype. Journal of clinical medicine, 9(4).

Wright H, et al. (2020) Short-Term Caloric Restriction Attenuates Obesity-Induced Pro-

Inflammatory Response in Male Rhesus Macaques. Nutrients, 12(2).

Kerstein PC, et al. (2020) Gbx2 Identifies Two Amacrine Cell Subtypes with Distinct Molecular, Morphological, and Physiological Properties. Cell reports, 33(7), 108382.

Anderson SM, et al. (2020) Vitamin D Status Impacts Genital Mucosal Immunity and Markers of HIV-1 Susceptibility in Women. Nutrients, 12(10).

Malherbe DC, et al. (2020) Rapid Induction of Multifunctional Antibodies in Rabbits and Macaques by Clade C HIV-1 CAP257 Envelopes Circulating During Epitope-Specific Neutralization Breadth Development. Frontiers in immunology, 11, 984.

Ye Y, et al. (2020) Endocannabinoid Receptor-1 and Sympathetic Nervous System Mediate the Beneficial Metabolic Effects of Gastric Bypass. Cell reports, 33(4), 108270.

Mayerhofer A, et al. (2020) Palmitic Acid Targets Human Testicular Peritubular Cells and Causes a Pro-Inflammatory Response. Journal of clinical medicine, 9(8).

Sargent J, et al. (2020) Micro-anatomic alterations of the placenta in a non-human primate model of gestational protein-restriction. PloS one, 15(7), e0235840.

Lee MR, et al. (2020) Labeled oxytocin administered via the intranasal route reaches the brain in rhesus macaques. Nature communications, 11(1), 2783.

Graham LC, et al. (2019) Regional Molecular Mapping of Primate Synapses during Normal Healthy Aging. Cell reports, 27(4), 1018.

Moore S, et al. (2019) Time for a Drink? A Mathematical Model of Non-human Primate Alcohol Consumption. Frontiers in applied mathematics and statistics, 5.

Raboin MJ, et al. (2019) Genetic Architecture of Human Obesity Traits in the Rhesus Macaque. Obesity (Silver Spring, Md.), 27(3), 479.

Dufour BD, et al. (2019) Normalizing glucocorticoid levels attenuates metabolic and neuropathological symptoms in the R6/2 mouse model of huntington's disease. Neurobiology of disease, 121, 214.