

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

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: 20260806T054709+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

Usage and Citation Metrics

We found 143 mentions in open access literature.

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

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.

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.

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.

Shapiro MB, et al. (2020) Single-dose bNAbs 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).

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

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.

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).

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.

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.

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.

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

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

Salati JA, et al. (2019) Maternal high-fat diet reversal improves placental hemodynamics in a nonhuman primate model of diet-induced obesity. *International journal of obesity (2005)*, 43(4), 906.