

**NATIONAL INSTITUTES OF HEALTH  
DEPARTMENT OF HEALTH AND HUMAN SERVICES**

**NATIONAL PRIMATE RESEARCH CENTERS (NPRC) PROGRAM  
DIVISION OF COMPARATIVE MEDICINE  
NATIONAL CENTER FOR RESEARCH RESOURCES**

---

**5P51RR000165-46  
YERKES NATIONAL PRIMATE RESEARCH CENTER**

Final

**EMORY UNIVERSITY**

**EMORY UNIVERSITY WOODRUFF HEALTH SCIENCES CENTER**

**ANNUAL PROGRESS REPORT**

Reporting From: 04/30/2006

Reporting To: 04/30/2007

40.000% AIDS Related

withheld



## TABLE OF CONTENTS

PERSONNEL ROSTER	2
SUBPROJECT DESCRIPTIONS	10
NPRC MANAGEMENT SUBPROJECTS	
ADMINISTRATIVE	
withheld	11
- SPF COLONY (0309)	
withheld	12
- OPERATION OF THE YERKES PRIMATE RESEARCH CENTER (0191)	
ANIMAL RESOURCES	
withheld	13
- MAINTENANCE OF YPC ANIMAL COLONY (0292)	
CNTR BEHAV NEUROSCIENCE	
withheld	14
- CENTER FOR BEHAVIORAL NEUROSCIENCE (0359)	
NEUROSCIENCE	
withheld	15
- THE DEVELOPMENT OF A CENTER FOR THE SCIENTIFIC STUDY OF CHIMPANZEES (0253)	
PSYCHOBIOLOGY	
withheld	16
- LIVING LINKS CENTER FOR STUDY OF APE & HUMAN EVOLUTION (0062)	
RESEARCH RESOURCES	
withheld	17
- SPECIMEN COLLECTION AND DISTRIBUTION PROGRAM (0291)	
withheld	18
- IMMUNO-VIROLOGICAL AND SAMPLE REPOSITORY SIV-INFECTED AND UNINFECTED MANGABEYS (0499)	
withheld	19
- CHIMPANZEE MANAGEMENT RESEARCH PROGRAM (0037)	
VACCINE RESEARCH CENTER	
withheld	20
- VACCINE RESEARCH CENTER (0177)	
withheld	21
- CENTER FOR AIDS RESEARCH (0181)	
RESEARCH SUBPROJECTS	
ANIMAL RESOURCES	
withheld	23
- TAILORING ENRICHMENT TO REARING AND RESEARCH (0206)	
withheld	24
- PRIMATE GENETIC ANALYSIS AND PEDIGREE MANAGEMENT (0390)	
CNTR BEHAV NEUROSCIENCE	
withheld	25
- ANATOMY AND PHARMACOLOGY OF FEAR-POTENTIATED STARTLE (0381)	
withheld	26
- EARLY LIFE STRESS IN NON HUMAN PRIMATES AND HUMANS (0376)	
withheld	

## RESEARCH SUBPROJECTS

CNTR BEHAV NEUROSCIENCE

- DOPAMINERGIC MODULATION OF NETWORK ACTIVITY IN BASOLATERAL AMYGDALA (0314) 27
- SNAPTIC ORGANIZATION OF THE BASOLATERAL AMYGDALA (0315) 28
- STRESS ALLOSTASIS: CRF, SEROTONIN AND THE BNST (0373) 29
- FUNCTIONAL NEUROANATOMY OF THE BASOLATERAL AMYGDALA (0473) 30
- PROMOTER-BASED FUNCTIONAL MAPPING OF AMYGDALA MICROCIRCUITS (0474) 31
- FUNCTIONAL NEUROANATOMY OF THE BASOLATERAL AMYGDALA (0497) 32

withheld

- AMYGDALA VS. HIPPOCAMPAL BDNF FUNCTION WITH MOLECULAR GENETIC TECHNIQUES (0440) 33
- EXAMINATION OF ALLOSTERIC SITE OF SEROTONIN TRANSPORTER USING TRANSGENIC MICE (0475) 34
- FEAR LEARNING IN MICE AND DISORDERS OF FEAR IN HUMANS (0476) 35
- GENETIC AND TRAUMA-RELATED RISK FACTORS FOR PTSD (0477) 36
- MOLECULAR REGULATION OF GABAA RECEPTORS IN THE AMYGDALA (0478) 37
- SYNAPTIC PLASTICITY AND EXTINCTION OF FEAR (0498) 38

withheld

- CENTRAL VASOPRESSIN RECEPTORS AND AFFILIATION (0118) 39
- OXYTOCIN AND SOCIAL ATTACHMENT (0175) 40

MICROBIOLOGY & IMMUNOLOGY

withheld

- POXVIRUS IMMUNITY AND DNA/MVA HIV VACCINES (0332) 41
- NOVEL THERAPEUTIC VACCINE FOR HIV/AIDS (0508) 42

withheld

- ROLE OF VIRUS SPECIFIC IMMUNITY IN PRIMATE MODELS (0324) 43
- CD4 T CELL ACTIVATION IN SIV INFECTED DISEASE RESISTANT SOOTY MANGABEYS (0454) 44
- DELIPIDATED LENTIVIRUSES AS THERAPEUTIC IMMUNIZATION POST SIV INFECTION (0455) 45

withheld

- MECHANISMS OF HEPATITIS C VIRUS PERSISTENCE (0510) 46

withheld

- TRANSPLANT TOLERANCE IN NON-HUMAN PRIMATES (0259) 47
- STRATEGIES FOR LARGE SCALE ISLET REPLACEMENT (0503) 48

withheld

- GENETICS OF NEUROPATHOGENIC SIV INFECTION (0327) 49

withheld

- STRATEGIES FOR LARGE SCALE ISLET REPLACEMENT (0507) 50

withheld

- DNA/MVA IMMUNOGENS, CROSS-CLADE RESPONSES (0222) 51

withheld

- SYNTHESIS AND BIOTRANSFORMATION OF ANTI-VIRAL PRODRUGS (0032) 52

withheld

- THE ROLE OF MAST CELLS IN PERSISTENT HIV-1 INFECTION (0506) 53

withheld

- RESOURCE FOR NONHUMAN PRIMATE IMMUNE REAGENTS (0140) 54
- CD4 MEDIATED IMMUNE RECONSTITUTION IN SIV INFECTION (0505) 55

NEUROSCIENCE

