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# NEUROSCIENCES

Applications interdisciplinaires

## INTRODUCTION

PsycINFO, la base de données bibliographiques de l'American Psychological Association, contient plus de 2 millions de résumés d'articles tirés de plus de 2 000 revues spécialisées, publiées à l'échelle mondiale. Les chercheurs dans le domaine des neurosciences reconnaissent que PsycINFO représente une source abondante de renseignements relatifs aux domaines de la neuroanatomie, de la neurobiologie, de la neuropharmacologie, de la neuropsychologie, de la neurochimie, de la neurophysiologie, de l'évaluation neuropsychologique et de la neurologie. Voir verso pour obtenir des exemples de critères de recherche.

## RÉSULTATS DE LA RECHERCHE: RÉFÉRENCES SÉLECTIONNÉES

**Analysis of pyramidal neuron morphology in an inducible knockout of brain-derived neurotrophic factor.** By Hill, Justin J.; Kolluri, Nutan; Hashimoto, Takanori; Wu, Qiang; Sampson, Allan R.; Monteggia, Lisa M.; Lewis, David A. *Biological Psychiatry*. 57(8), Apr 2005, 932-934.

**Brain overgrowth in autism during a critical time in development: Implications for frontal pyramidal neuron and interneuron development and connectivity.** By Courchesne, Eric; Pierce, Karen. *International Journal of Developmental Neuroscience*. 23(2-3), Apr-May 2005, 153-170.

**Tryptophan depletion reduces right inferior prefrontal activation during response inhibition in fast, event-related fMRI.** By Rubia, Katya; Lee, Francis; Cleare, Anthony J.; Tunstall, Nigel; Y. Fu, Cynthia H.; Brammer, Michael; McGuire, Phillip. *Psychopharmacology*. 179(4), Jun 2005, 791-803.

**Plasticity in single neuron and circuit computations.** By Destexhe, Alain; Marder, Eve. *Nature*. 431(7010), Oct 2004, 789-795.

**Neuroanatomy in understanding primate brain functions: Status and challenges.** By Cavada, Carmen. *Cortex*. 40(1), Feb 2004, 5-6.

**Sensory neuron signaling to the brain: Properties of transmitter release from olfactory nerve terminals.** By Murphy, Gabe J.; Glickfield, Lindsey L.; Balsen, Zev; Isaacson, Jeffrey S. *Journal of Neuroscience*. 24(12), Mar 2004, 3023-3030.

**Genetic and genomic approaches to reward and addiction.** By Mohn, Amy R.; Yao, Wei-Dong; Caron, Marc G. *Neuropharmacology*. 47 (Suppl1), 2004, 101-110.

**A polymorphism of the interleukin-1 beta gene at position +3953 influences progression and neuro-pathological hallmarks of Alzheimer's disease.** By Licastro, Federico; Veglia, Fabrizio; Chiappelli, Martina; Grimaldi, Luigi Maria E.; Masliah, Eliezer. *Neurobiology of Aging*. 25(8), Sep 2004, 1017-1022.

## TITRES DE JOURNAUX PERTINENTS

Archives of Neurology

Behavioral Brain Research

Behavioral Neuroscience

Brain and Cognition

Brain Research

Brain Research Bulletin

Developmental

Neuropsychology

International Journal  
of Neuroscience

Journal of Neuroscience

Neurobiology of Aging

Neurology

Neuropharmacology

Neuroscience Research

Trends in Neurosciences

### Évaluation et diagnostic

- Echoencephalography
- Electroencephalography
- Halstead Reitan Neuropsychological Battery
- Luria Nebraska Neuropsychological Battery
- Magnetic Resonance Imaging
- Neuroimaging
- Neuropsychological Assessment
- Polysomnography

### Électrophysiologie

- Cortical Evoked Potentials
- Electrical Activity
- Electrical Brain Stimulation
- Electroencephalography
- Electrophysiology
- Evoked Potentials
- Magnetoencephalography
- Postactivation Potentials
- Skin Electrical Properties

### Neuroanatomie

- Amygdala
- Auditory Cortex
- Basal Ganglia
- Blood Brain Barrier
- Brain
- Broca's Area
- Central Nervous System
- Cerebellum
- Hippocampus
- Hypothalamus
- Interhemispheric Interaction
- Limbic System
- Meninges
- Nerve Tissues

- Neural Receptors
- Parasympathetic Nervous System
- Somatosensory Cortex
- Striatum
- Sympathetic Nervous System

### Troubles neurologiques

- Alzheimer's disease
- Anterograde Amnesia
- Cerebral Palsy
- Encephalitis
- Head Injuries
- Korsakoff's psychosis
- Migraine Headache
- Narcolepsy
- Neuralgia
- Neurodegenerative Diseases
- Parkinson's disease
- Pick's disease
- Presenile Disease
- Tardive Dyskinesia
- Tics
- Traumatic Brain Injury
- Trigeminal Neuralgia

### Interventions neurologiques

- Brain Stimulation
- Chemical Brain Stimulation
- Electrical Brain Stimulation
- Neural Transplantation
- Neurosurgery
- Psychosurgery
- Stereotaxic Techniques
- Transcranial Magnetic Stimulation

### Neurosciences

- Neuroendocrinology
- Neurolinguistics
- Neurology
- Neuropathology
- Neurophysiology
- Neuropsychology
- Neurosurgery
- Psychoneuroimmunology
- Psychopharmacology

### Neurotransmetteurs et neurorégulateurs

- Acetylcholine
- Amino Acids
- Bombesin
- Catecholamines
- Cholinesterase
- Dopamine
- Epinephrine
- Monoamine Oxidases
- Neurokinins
- Neuropeptides
- Neurotransmitters
- Norepinephrine Metabolites
- Peptides
- Serotonin Metabolites

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