

## ARTICLES

- 1.** HOOKS K. KONSMAN J.P. and O'MALLEY M.-  
Microbiota-gut-brain research: a critical analysis.  
*Behavioral and Brain Sciences*, accepted (2018)
- 2.** GRITON M. and KONSMAN J.P.-  
Neural pathways involved in infection-induced inflammation: recent insights and clinical implications.  
*Clinical Autonomic Research*, Vol. 28, N° 3, (2018) pp. 289-299.
- 3.** DHAYA I., GRITON M., RAFFARD, G., AMRI M., HIBA, B. and KONSMAN J.P.-  
Bacterial lipopolysaccharide-induced systemic inflammation alters perfusion of white matter-rich regions without altering flow in brain-irrigating arteries: Relationship to blood-brain barrier breakdown?  
*Journal of Neuroimmunology*, Vol. 314, (2018) pp. 67-80.
- 4.** RODRIGUEZ-GRANDE B. and KONSMAN J.P.-  
Gas diffusion in the CNS.  
*Journal of Neuroscience Research*, Vol. 96, N° 2, (2018) pp. 207-218.
- 5.** ICHKOVA A., RODRIGUEZ-GRANDE D, BAR C., VILLEGA F., KONSMAN J.P., and BADAUT J.-  
Vascular impairment as a pathological mechanism underlying long-lasting cognitive dysfunction after pediatric traumatic brain injury.  
*Neurochemistry International*, Vol. 111, (2017) pp. 93-102.
- 6.** VILLEGA F., DELPECH J.C., GRITON M., ANDRE C., FRANCONI J.M., MIRAUX S. and KONSMAN J.P.-  
Circulating bacterial lipopolysaccharide-induced inflammation reduces flow in brain-irrigating arteries independently from cerebrovascular prostaglandin production.  
*Neuroscience*, Vol. 346, (2017) pp. 160-172.
- 7.** KONSMAN J.P. -  
Immune-to-brain signaling and substrates of altered behavior during inflammation.  
*Neuroimmunology and Neuroinflammation*, Vol. 3, (2016) pp. 207-214.
- 8.** CHASKIEL L., PAUL F., GERSTBERGER R., HUEBSCHLE and KONSMAN J.P.-  
Brainstem metabotropic glutamate receptors reduce food intake and activate dorsal pontine and medullar structures after peripheral bacterial lipopolysaccharide administration.  
*Neuropharmacology*, Vol. 107, (2016) pp. 146-159.
- 9.** FORTIN P.Y., LEPETIT-COIFFE M., GENEVOIS C., QUESSON B., MOONEN C.T.W., KONSMAN J.P. and COUILLAUD F.-  
Spatiotemporal control of gene expression in bone-marrow derived cells of the tumor microenvironment induced by MRI guided focused ultrasound.  
*Oncotarget*, Vol. 6, N° 27, (2015) pp. 23417-26.
- 10.** POURTAU L., HEERINGA A.N., ROVERE C., AUBERT A., NAHON J.L., MIRAUX S. and KONSMAN J.P.-  
Increased circulating rather than spinal cytokines accompany chronic pain behaviors in experimental bone cancer and arthritis.  
*Neuroimmunology and Neuroinflammation*, Vol. 1, N° 3, (2014) pp. 153-160.

- 11.** VAN HEESCH F., PRINS J., KONSMAN J.P., KORTE-BOUWS G.A., WESTPHAL K.G., RYBKA J., OLIVIER B., KRANEVELD A.D. and KORTE S.M.-  
Lipopolysaccharide increases degradation of central monoamines: An in vivo microdialysis study in the nucleus accumbens and medial prefrontal cortex of mice.  
*European Journal of Pharmacology*, Vol. 725, (2014) pp. 55-63.
- 12.** NASSRA M., KRISA S., PAPASTAMOULIS Y., KAPCHE G.D., BISSON J., ANDRE C., KONSMAN J.P., SCHMITTER J.M., MERILLON J.M. and WAFFO-TEGUO P.-  
Inhibitory activity of plant stilbenoids against nitric oxide production by lipopolysaccharide-activated microglia.  
*Planta Medica*, Vol. 79, N° 11 (2013) pp. 966-970.
- 13.** DUCLOS M., OUERDANI A., MORMEDE P. and KONSMAN J.P.-  
Food restriction-induced hyperactivity: Addiction or adaptation to famine?  
*Psychoneuroendocrinology*, Vol. 38, N° 6 (2013) pp. 884-897.
- 14.** VAN HEESCH F., PRINS J., KONSMAN J.P., WESTPHAL K.G., OLIVIER, B., KRANEVELD A.D., and KORTE S.M.-  
Lipopolysaccharide-induced anhedonia is abolished in male serotonin transporter knockout rats: an intracranial self-stimulation study.  
*Brain Behavior and Immunity*, Vol. 29 (2013) pp. 98-103.
- 15.** GURFEIN B.T., STAMM A.W., BACCHETTI P., DALLMAN M.F., NADKARNI N.A., MILUSH J.M., TOUMA C., PALME R., DI BORGIO C.P., FROMENTIN G., LOWN-HECHT R., KONSMAN J.P., ACREE M., PREMENKO-LANIER M., DARCEL N., HECHT F.M. and NIXON D.F.-  
The calm mouse: an animal model of stress reduction.  
*Molecular Medicine*, Vol. 18, N°1 (2012) pp. 606-617.
- 16.** RIBOT E.J., MIRAUX S., KONSMAN J.P., BOUCHAUD V., POURTAU L., DELVILLE M.H., FRANCONI J.M., THIAUDIERE E. and VOISON P.J.-  
In vivo MR tracking of therapeutic microglia to a human glioma model.  
*NMR in Biomedicine*, Vol. 24, N°10 (2011) pp. 1361-1368.
- 17.** POURTAU L., LEEMBURG S., ROUX P., LESTE-LASSERE T., COSTAGLIOLI P., GARBET B., DRUTEL G. and KONSMAN, J.P.-  
Hormonal, hypothalamic and striatal responses to reduced body weight gain are attenuated in anorectic rats bearing small tumors.  
*Brain Behavior and Immunity*, Vol. 25, N°4 (2011) pp. 777-786.
- 18.** NADJAR A., SAUVANT J., COMBE C., PARNET P. and KONSMAN J.P.-  
Brain cyclooxygenase-2 mediates interleukin-1-induced cellular activation in preoptic and arcuate hypothalamus, but not sickness symptoms.  
*Neurobiology of Disease*, Vol. 39, N° 3 (2010) pp. 393-401.
- 19.** BRISSAUD O., VILLEGA F., KONSMAN J.P., SANCHEZ S., RAFFARD G., FRANCONI J.M., CHATEIL J.F. and BOUZIER-SORE A.K.-  
Short term effect of erythropoietin on brain lesions and aquaporin-4 expression in a hypoxic-ischemic neonatal rat model assessed by MR-diffusion weighted imaging and immunohistochemistry.  
*Pediatric Research*, Vol. 68, N°2 (2010) pp. 123-127.
- 20.** RICHARD E., HEBLING J.C., TRIDON C., MINNI A.M., DESMEDT A., CADOR M., POURTAU L., KONSMAN J.P., MORMEDE P. and MOISAN M.P.-  
Plasma transcortin influences endocrine and behavioural stress responses in mice.  
*Endocrinology*, Vol. 151, N°2 (2010) pp. 649-659.

- 21. SEIGERS R., POURTAU L., SCHAGEN S.B., VAN DAM F.S.A.M., KOOLHAAS J.M., KONSMAN J.P. and BUWALDA B.-**  
Inhibition of hippocampal cell proliferation by methotrexate in rats is not potentiated by the presence of a tumor.  
*Brain Research Bulletin*, Vol. 81, (2010) pp. 472-476.
- 22. KONSMAN J.P., VEENEMAN J., COMBE C., LUHESHI G.N. and DANTZER R.-**  
Central nervous action of interleukin-1 mediates activation of limbic structures and behavioral depression in response to peripheral administration of bacterial lipopolysaccharide.  
*European Journal of Neuroscience*, Vol. 28, (2008) pp. 2499-2510.
- 23. ENGSTROM L., ROSEN K., ANGEL A., FYRBERG, A. KONSMAN J.P., ENGBLOM D., and BLOMQVIST A.-**  
Systemic immune challenge activates an intrinsically regulated local inflammatory circuit in the adrenal gland.  
*Endocrinology*, Vol. 149, N°4 (2008) pp. 1436-1450.
- 24. KONSMAN J.P., DRUKARCH B. and VAN DAM A.M.-**  
(Peri)vascular production and action of proinflammatory cytokines in brain pathology.  
*Clinical Science*, Vol. 112, N° 1 (2007) pp. 11-25.
- 25. KONSMAN J.P.-**  
Excitement over the chemistry of immune-nervous system relationships.  
*Brain Behavior and Immunity*, Vol. 20, (2006) pp. 231-232.
- 26. ROMANOVSKY A.A., ALMEIDA M.C., ARONOFF D.M., IVANOV A.I., KONSMAN J.P., STEINER A.A. and TUREK V.F.-**  
Fever and hypothermia in systemic inflammation: Recent Discoveries and Revisions.  
*Frontiers in Bioscience*, Vol. 10, (2005) pp. 2193-2216.
- 27. KONSMAN J.P. and BLOMQVIST A.-**  
Forebrain patterns of c-Fos and FosB induction during cancer-associated anorexia-cachexia in rat.  
*European Journal of Neuroscience*, Vol. 21, (2005) pp. 2752-2766.
- 28. KONSMAN J.P., VIGUES S., MACKERLOVA L., BRISTOW A.F. and BLOMQVIST A.-**  
Rat brain vascular distribution of interleukin-1 type-1 receptor immunoreactivity: Relationship to patterns of inducible cyclooxygenase expression by peripheral inflammatory stimuli.  
*Journal of Comparative Neurology*, Vol. 472, N° 1 (2004) pp. 113-129.
- 29. CASTANON C., KONSMAN J.P., MEDINA C., CHAUVET N. and DANTZER R.-**  
Chronic treatment with the antidepressant tianeptine attenuates lipopolysaccharide-induced Fos expression in the rat paraventricular nucleus and HPA axis activation.  
*Psychoneuroendocrinology*, Vol. 28, (2003) pp. 19-34.
- 30. CUNNINGHAM C., KONSMAN J.P. and CARTMELL T.-**  
Cytokines and the ageing brain.  
*Trends in Neurosciences*, Vol. 25, N° 11 (2002) pp. 546-547.
- 31. KONSMAN J.P., PARNET P. and DANTZER R.-**  
Cytokine-induced sickness behaviour: Mechanisms and implications.  
*Trends in Neurosciences*, Vol. 25, N° 3 (2002) pp. 154-159.
- 32. ADAGE T., SCHEURINK A.J.W., DE BOER S.F., DE VRIES K., KONSMAN J.P., KUIPERS F., ADAN R.A.H., BASKIN D.G., SCHWARTZ M.W. and VAN DIJK G.-**  
Hypothalamic, metabolic and behavioral responses to pharmacological inhibition of CNS melanocortin signaling in rats.  
*Journal of Neuroscience*, Vol. 21, N° 10 (2001) pp. 3639-3645.

- 33.** KONSMAN J.P. and DANTZER R.-  
How the immune system and nervous systems interact during disease-associated anorexia.  
*Nutrition*, Vol. 17, N° 7-8 (2001) pp. 664-668.
- 34.** KONSMAN J.P., LUHESHI G.N., BLUTHE R.M. and DANTZER R.-  
The vagus nerve mediates behavioral depression, but not fever, in response to peripheral immune signals; a functional anatomical analysis.  
*European Journal of Neuroscience*, Vol. 12, N° 12 (2000) pp. 4434-4446.
- 35.** LUHESHI G., BLUTHÉ R.M., RUSHFORTH D., MULCAHY H., KONSMAN J.P., GOLDBACH M. and DANTZER R.-  
Vagotomy attenuates the behavioral but not pyrogenic effects of interleukin-1 in rats.  
*Autonomic Neuroscience*, Vol. 85, (2000) pp. 119-126.
- 36.** DANTZER R., KONSMAN J.P., BLUTHÉ R.M. and KELLEY K.W.-  
Neural and humoral pathways of communication from the immune system to the brain: parallel or convergent?  
*Autonomic Neuroscience*, Vol. 85, (2000) pp. 60-65.
- 37.** VITKOVIC L., KONSMAN J.P., BOCKAERT J., DANTZER R., HOMBURGER V. and JACQUE C.-  
Cytokine signals propagate through the brain.  
*Molecular Psychiatry*, Vol. 5, N° 6 (2000) pp. 604-615.
- 38.** KONSMAN J.P., BLOND D. and VIGUES S.-  
Neurobiology of interleukin-1 receptors: Getting the message.  
*European Cytokine Network*, Vol. 11, N° 4 (2000) pp. 699-702.
- 39.** KONSMAN J.P., TRIDON V. and DANTZER R.-  
Diffusion and action of intracerebroventricularly injected interleukin-1 in the central nervous system.  
*Neuroscience*, Vol. 101, N° 4 (2000) pp. 957-967.
- 40.** DANTZER R., AUBERT A., BLUTHE R.M., GHEUSI G., CREMONA S., LAYE S., KONSMAN J.P., PARNET P., and KELLEY K.W.-  
Mechanisms of the behavioural effects of cytokines.  
*Advances in Experimental and Medical Biology*, Vol. 461, (1999) pp. 83-105.
- 41.** KONSMAN J.P., KELLEY K.W. and DANTZER R.-  
Temporal and spatial relationships between lipopolysaccharide induced expression of Fos, interleukin-1 $\beta$  and inducible NO synthase in rat brain.  
*Neuroscience*, Vol. 89, N° 2 (1999) pp. 535-548.
- 42.** WIERSMA A., KONSMAN J.P., KNOLLEMA S., BOHUS B. and KOOLHAAS J.M.-  
Differential effects of CRH infusion into the central nucleus of the amygdala in the Roman high-avoidance and low-avoidance rats.  
*Psychoneuroendocrinology*, Vol. 23, N° 3 (1998) pp. 261-274.
- 43.** WIERSMA A., KNOLLEMA S., KONSMAN J.P., BOHUS B. and KOOLHAAS J.M.-  
Corticotropin-releasing hormone modulation of a conditioned stress response in the central amygdala of Roman high (RHA/Verh)-avoidance and low (RLA/Verh)-avoidance rats.  
*Behavior and Genetics*, Vol. 27, N° 6 (1997) pp. 547-555.
- 44.** KONSMAN J.P. and CARTMELL T.-  
Neural pathways from the immune system to the brain.  
*European Cytokine Network*, Vol. 8, N° 2 (1997) pp. 221-223

## CHAPTERS

- 45.** RODRIGUEZ-GRANDE B., KONSMAN J.P. and BADAUT J.-  
Role of aquaporins in the formation and resolution of brain edema.  
In *Brain Edema: From Molecular Mechanisms to Clinical Practice*, London, (2017), Academic Press,  
Eds.: Badaut J. and Plesnila N., pp. 164-183.
- 46.** KONSMAN J.P.-  
The role of the central nervous system in the reduction of food intake during infectious and  
neoplastic disease and in eating disorders: experimental approaches.  
In *Handbook of Famine, Starvation, and Nutrient Deprivation*, Amsterdam, (2017), Springer  
International Publishing, Eds.: Preddy V. and Patel V.B., pp. 1-16.
- 47.** GRITON M. and KONSMAN J.P.-  
Neuroimmunomodulation in sepsis.  
In *Brain Dysfunction in Critical Illness*, Amsterdam, (2013), Cambridge University Press, Eds.:  
Stevens R. et al., pp. 208-217.
- 48.** CHASKIEL L. and KONSMAN J.P.-  
Interleukin-1 expression and action in the central nervous system in the absence of neuropathology.  
In *Neuroimmune Biology Vol. 6*, Amsterdam, (2008), Elsevier, Eds.: Korneva E. and Phelps C., pp.  
55-77.
- 49.** DANTZER R., KONSMAN J.P. and PARNET P.-  
Mechanisms of cytokine-induced sickness behavior.  
In *Neuroimmunoendocrinology*, New York, (2004), Marcel Dekker, Ed.: Geenen V., pp. 707-720.
- 50.** KONSMAN J.P. and DANTZER R.-  
Neuroimmunology of Eating Disorders.  
In *Biological Psychiatry*, Padstow, (2002), Wiley, Eds.: D'Haenen H. et al., pp. 1149-1159.
- 51.** KONSMAN J.P. and LUHESHI G.N.-  
CNS responses to peripheral insults.  
In *Immune and Inflammatory Responses in the Nervous System*, Oxford, (2002), Oxford University  
Press, Eds.: Rothwell N. and Loddick S., pp. 51-69.

## ARTICLES

1. HOOKS K., KONSMAN J.P. and O'MALLEY M.-  
Microbiota-gut-brain research: a critical analysis.  
*Behavioral and Brain Sciences*, accepted (2018)
2. BOURDAA M., KONSMAN J.P., SECAIL C., VENTURINI T., VEYRAT-MASSON I. and GONON F.-  
Does television reflect the evolution of scientific knowledge? The case of attention deficit hyperactivity disorder coverage on French television.  
*Public Understanding of Science*, Vol. 24, N° 2 (2015) pp. 200-209.
3. BRUN C., DEMAZEUX S., DI VITTORIO P., GONON F., GORRY, Ph., KONSMAN, J.P., LUNG F., LUNG Y., MINARD M., MONTALBAN M., RUMEAU N. and SMITH A.-  
La construction des catégories diagnostiques de maladie mentale.  
*Régulation*, Vol. 17, 1<sup>er</sup> semestre (2015)
4. BRUN C. and KONSMAN J.P.-  
Exclusion d'interactions sociales et imagerie cérébrale.  
*Hermès*, N° 68 (2014) pp. 59-61.
5. GONON F., KONSMAN J.P., COHEN N. and BORAUD T.-  
Why Most Biomedical Findings Echoed by Newspapers Turn Out to be False: The Case of Attention Deficit Hyperactivity Disorder.  
*PLoS One*, Vol. 7, N°9 (2012) e44275.

## CHAPTERS

6. BRUN C. and KONSMAN, J.P. -  
Biologisation des discours relatifs au rejet social dans les médias spécialisés et grand public : enjeux épistémologiques et éthiques. [Biologisation of the discourse on social exclusion in specialised and lay public media.]  
In *Biologisation du social*, Paris, (2017), Presses de Paris Ouest, Eds.: Lemerle S. and Renaud-Paligot C., pp. 73-94.
7. GONON F. KONSMAN, J.P. and BORAUD T.-  
Neurosciences et médiatisation : entre argumentation de la preuve et rhétorique de la promesse. [Neuroscience and media coverage: between reasoning based on evidence and rhetoric of promise.]  
In *Neurosciences et Société*, Paris, (2014), Armand Collin, Eds.: Chalmak B. and Moutaud B., pp. 109-136.