

## Publications

### **2023 Aberrant survival of hippocampal Cajal-Retzius cells leads to memory deficits, gamma rhythmopathies and susceptibility to seizures in adult mice**

Martina Riva, Stéphanie Moriceau, Annunziato Morabito, Elena Dossi, Candela Sanchez-Bellot, Patrick Azzam, Andrea Navas-Olive, Beatriz Gal, Francesco Dori, Elena Cid, Fanny Ledonne, **Sabrina David**, **Fabrice Trovero**, Magali Bartolomucci, Eva Coppola, Nelson Rebola, Antoine Depaulis, Nathalie Rouach, Liset Menendez de la Prida, Franck Oury & Alessandra Pierani

*Nature Communications* volume 14, Article number: 1531 (2023) doi : 10.1038/s41467-023-37249-7

### **2023 NLRP6 controls pulmonary inflammation to cigarette smoke in a gut microbiota dependent manner**

Manuscript ID: 1224383

Isabelle COUILLIN, Mégane Nascimento, Sarah Huot-Marchand, Manoussa Ethel Fanny, Marjolène Straube Straube, Marc Le Bert, Florence Savigny, Lionel Apetoh, Jacques Van Snick, **Fabrice Trovero**, Mathias Chamaillard, Valérie F.J. Quesniaux, Bernhard RYFFEL, Philippe GOSSET, Aurelie GOMBAULT, Nicolas Riteau and Harry Sokol

*Frontiers in Immunology, section Molecular Innate Immunity – Front Immunol.* 2023 Dec 11;14:1224383. doi: 10.3389/fimmu.2023.1224383. PMID: 38146368

### **2020 P2X7 Receptor Promotes Mouse Mammary Cancer Cell Invasiveness and Tumour Progression, and Is a Target for Anticancer Treatment.**

Lucie Brisson, Stéphanie Chadet, Osbaldo Lopez-Charcas, Bilel Jelassi, David Ternant, Julie Hamouton, Stéphanie Lerondel, Alain Le Pape, Isabelle Couillin, Aurélie Gombault, **Fabrice Trovero**, Stéphan Chevalier, Pierre Besson, Lin-Hua Jiang, Sébastien Roger.

*Cancers* 2020 Aug 19;12(9):2342. doi: 10.3390/cancers12092342.

### **2020 Complementarity of gluCEST and 1 H-MRS for the study of mouse models of Huntington's disease.**

Jérémy Pépin, Lucie de Longprez, **Fabrice Trovero**, Emmanuel Brouillet, Julien Valette, Julien Flament

*NMR Biomed.* 2020 Jul;33(7):e4301. doi: 10.1002/nbm.4301. Epub 2020 Mar 21

### **2017 Protein kinase C $\theta$ controls type 2 innate lymphoid cell and TH2 responses to house dust mite allergen.**

Madouri F, Chenuet P, Beuraud C, Fauconnier L, Marchiol T, Rouxel N, Ledru A, Gallerand M, Lombardi V, Mascarell L, Marquant Q, Apetoh L, Erard F, Le Bert M, **Trovero F**, Quesniaux VFJ, Ryffel B, Togbe D.

*J Allergy Clin Immunol.* 2017 May;139(5):1650-1666. doi: 10.1016/j.jaci.2016.08.044. Epub 2016 Oct 14.

### **2016 The Combination of Marketed Antagonists of $\alpha$ 1b-Adrenergic and 5-HT $_{2A}$ Receptors Inhibits Behavioral Sensitization and Preference to Alcohol in Mice: A Promising Approach for the Treatment of Alcohol Dependence.**

**Trovero F**, **David S**, Bernard P, Puech A, **Bizot JC**, Tassin JP.

*PLoS One.* 2016 Mar 11;11(3):e0151242. doi: 10.1371/journal.pone.0151242.

### **2015 D-amphetamine improves attention performance in adolescent Wistar, but not in SHR rats, in a two-choice visual discrimination task.**

**Bizot JC**, **Cogrel N**, **Massé F**, **Chauvin V**, **Brault L**, **David S**, **Trovero F**.

*Psychopharmacology (Berl).* 2015 Sep;232(17):3269-86. doi: 10.1007/s00213-015-3974-2. Epub 2015 Jun 4.

### **2015 Caspase-1 activation by NLRP3 inflammasome dampens IL-33-dependent house dust mite-induced allergic lung inflammation.**

Madouri F, Guillou N, Fauconnier L, Marchiol T, Rouxel N, Chenuet P, Ledru A, Apetoh L, Ghiringhelli F, Chamaillard M, Zheng SG, **Trovero F**, Quesniaux VF, Ryffel B, Togbe D.

*J Mol Cell Biol.* 2015 Aug;7(4):351-65. doi: 10.1093/jmcb/mjv012. Epub 2015 Feb 24.

### **2014 Developmental molecular and functional cerebellar alterations induced by PCP4/PEP19 overexpression: implications for Down syndrome**

Mouton-Liger F, Sahún I, Collin T, Lopes Pereira P, Masini D, Thomas S, Paly E, **Luilier S**, Mêmes S, Jouhault Q, Bennai S, Beloeil JC, **Bizot JC**, Héroult Y, Dierssen M, Créau N (2014).

*Neurobiol Dis* 63:92-106.

### **2013 Myotonic dystrophy CTG expansion affects synaptic vesicle proteins, neurotransmission and mouse behaviour.**

Hernández-Hernández O, Guiraud-Dogan C, Sicot G, Huguet A, **Luilier S**, Steidl E, Saenger S, Marciniak E, Obriot H, Chevarin C, Nicole A, Revillod L, Charizanis K, Lee KY, Suzuki Y, Kimura T, Matsuura T, Cisneros B, Swanson MS, **Trovero F**, Buisson B, **Bizot JC**, Hamon M, Humez S, Bassez G, Metzger F, Buée L, Munnich A, Sergeant N, Gourdon G, Gomes-Pereira M.

*Brain.* 2013 Mar;136(Pt 3):957-70. doi: 10.1093/brain/aws367. Epub 2013 Feb 11.

**2013 Epigallocatechin-3-gallate, a DYRK1A inhibitor, rescues cognitive deficits in Down syndrome mouse models and in humans.**

De la Torre R, De Sola S, Pons M, Duchon A, de Lagran MM, Farré M, Fitó M, Benejam B, Langohr K, Rodriguez J, Pujadas M, **Bizot JC**, Cuenca A, Janel N, Catuara S, Covas MI, Blehaut H, Herault Y, Delabar JM, Dierssen M (2013) *Mol Nutr Food Res* 58:278-288.

**2012 Differential respiratory control of the upper airway and diaphragm muscles induced by 5-HT1A receptor ligands.**

Besnard S, Khemiri H, **Masse F**, Denise P, Verdaguer M, Gestreau C (2012) *Sleep Breath* 16:135-147.

**2012 Vezeatin is essential for dendritic spine morphogenesis and functional synaptic maturation.**

Danglot L, Freret T, Le Roux N, Narboux Nème N, Burgo A, Hyenne V, Roumier A, Contremoulins V, Dauphin F, **Bizot JC**, Vodjdani G, Gaspar P, Boulouard M, Poncer JC, Galli T, Simmler MC (2012) *J Neurosci* 32:9007-9022.

**2012 Brain phenotype of transgenic mice overexpressing cystathionine  $\beta$ -synthase.**

Régnier V, Billard JM, Gupta S, Potier B, Woerner S, Paly E, Ledru A, **David S, Luillier S, Bizot JC**, Vacano G, Kraus JP, Patterson D, Kruger WD, Delabar JM, London J (2012) *PLoS One* 7:e29056.

**2012 Absence of TI-VAMP/Vamp7 leads to increased anxiety in mice.**

Danglot L, Zylbersztejn K, Petkovic M, Gauberti M, Meziane H, Combe R, Champy MF, Birling MC, Pavlovic G, **Bizot JC, Trovero F**, Della Ragione F, Proux-Gillardeaux V, Sorg T, Vivien D, D'Esposito M, Galli T. *J Neurosci*. 2012 Feb 8;32(6):1962-8. doi: 10.1523/JNEUROSCI.4436-11.2012.

**2011 Characterization of PTZ-induced seizure susceptibility in a down syndrome mouse model that overexpresses CSTB.**

Braut V, Martin B, Costet N, **Bizot JC**, Héroult Y (2011) *PLoS One* 6:e27845.

**2010 Pharmacological, neurochemical, and behavioral profile of JB-788, a new 5-HT1A agonist.**

Picard M, Morisset S, Cloix JF, Bizot JC, Guerin M, Beneteau V, Guillaumet G, Hevor TK (2010) *Neuroscience* 169:1337-1346.

**2010 Effects of atomoxetine, desipramine, d-amphetamine and methylphenidate on impulsivity in juvenile rats, measured in a T-maze procedure.**

**Bizot JC, David S, Trovero F** *Neurosci Lett*. 2011 Feb 1;489(1):20-4. doi: 10.1016/j.neulet.2010.11.058. Epub 2010 Dec 1.

**2009 A new mouse model for the trisomy of the Abcg1-U2af1 region reveals the complexity of the combinatorial genetic code of down syndrome.**

Pereira PL, Magnol L, Sahún I, Braut V, Duchon A, Prandini P, Gruart A, **Bizot JC**, Chadefaux-Vekemans B, Deutsch S, **Trovero F**, Delgado-García JM, Antonarakis SE, Dierssen M, Herault Y. *Hum Mol Genet*. 18:4756-69 2009

**2009 Green tea polyphenols rescue of brain defects induced by overexpression of DYRK1A.**

Guedj F, Sébrié C, Rivals I, Ledru A, Paly E, **Bizot JC**, Smith D, Rubin E, Gillet B, Arbones M, Delabar JM (2009) *PLoS One* 4:e4606.

**2009 Brain structures implicated in the four-plate test in naïve and experienced Swiss mice using injection of diazepam and the 5-HT2A agonist DOI.**

Petit-Demoulière B, **Massé F, Cogrel N**, Hascoët M, Bourin M (2009) *Behav Brain Res* 204:200-205.

**2008 Anxiolytic-like effects of DOI microinjections into the hippocampus (but not the amygdala nor the PAG) in the mice four plates test.**

**Masse F**, Petit-Demoulière B, Dubois I, Hascoët M, Bourin M (2008) *Behav Brain Res* 188:291-297.

**2007 Various effects of antidepressant drugs on bone microarchitecture, mechanical properties and bone remodeling.**

Bonnet N, Bernard P, Beaupied H, **Bizot JC, Trovero F**, Courteix D, Benhamou CL. *Toxicol Appl Pharmacol*. 221:111-118, 2007.

**2007 Neurons in the Ventral Midbrain of adult mice heterozygote for Engrailed1: a new genetic model for neurological and psychiatric disorders.**

Sonnier L, Le Pen G, Hartman A, **Bizot JC**, Trovero F, Krebs MO and Prochiantz A. Progressive Loss of Dopaminergic J Neurosci, 27:1063-1071, 2007.

**2007 Methylphenidate reduces impulsive behaviour in juvenile Wistar rats, but not in adult Wistar, WKY and SHR rats.**

**Bizot JC**, Chenault N, Houze B, **Herpin A**, David S, Pothion S and Trovero F. *Psychopharmacology*, 2007.

**2007 Time- and dose-related effects of three 5-HT receptor ligands on the genioglossus activity in anesthetized and conscious rats.**

Besnard S, **Massé F**, Verdaguer M, Cappelin B, Meurice JC, Gestreau C (2007) *Sleep Breath* 11:275-284.

**2007 Modeling the monosomy for the telomeric part of human chromosome 21 reveals haploinsufficient genes modulating the inflammatory and airway responses.**

Besson V, Brault V, Duchon A, Togbe D, **Bizot JC**, Quesniaux VF, Ryffel B, Hérault Y (2007) *Hum Mol Genet* 16:2040-2052.

**2007 Comparison of the effects of enriched uranium and 137-cesium on the behaviour of rats after chronic exposure.**

Houpert P, **Bizot JC**, Bussy C, Dhieux B, Lestaevel P, Gourmelon P, Paquet F (2007) *Int J Radiat Biol* 83:99-104.

**2007 Effect of GABAergic ligands on the anxiolytic-like activity of DOI (a 5-HT(2A/2C) agonist) in the four-plate test in mice.**

**Massé F**, Hascoët M, Bourin M (2007) *Eur Neuropsychopharmacol* 17:483-491.

**2007 Anxiolytic-like effect of 5-HT(2) ligands and benzodiazepines co-administration: comparison of two animal models of anxiety (the four-plate test and the elevated plus maze).**

**Massé F**, Nic Dhonnchadha BA, Hascoët M, Bourin M (2007) *Behav Brain Res* 177:214-226.

**2006 NF-kappaB regulates spatial memory formation and synaptic plasticity through protein kinase A/CREB signaling.**

Kaltschmidt B, Ndiaye D, Korte M, **Pothion S**, Arbibe L, Prüllage M, Pfeiffer J, Lindecke A, Staiger V, Israël A, Kaltschmidt C, Mémet S (2006) *Mol Cell Biol* 26:2936-2946.

**2006 Effect of noradrenergic system on the anxiolytic-like effect of DOI (5-HT2A/2C agonists) in the four-plate test.**

**Massé F**, Hascoët M, Dailly E, Bourin M (2006) *Psychopharmacology (Berl)* 183:471-481.

**2005 Training and aging modulate the loss-of-balance phenotype observed in a new ENU-induced allele of Otopetrin1.**

Besson V, Nalesso V, **Herpin A**, **Bizot JC**, Messaddeq N, Romand R, Puech A, Blanquet V, Hérault Y (2005) *Biol Cell* 97:787-798.

**2005 Evidence for the activity of lamotrigine at 5-HT(1A) receptors in the mouse forced swimming test.**

Bourin M, **Masse F**, Hascoët M (2005) *J Psychiatry Neurosci* 30:275-282.

**2005 Apamin produces selective improvements of learning in rats.**

Deschaux O, **Bizot JC** (2005) *Neurosci Lett* 386:5-8.

**2005 alpha2-Adrenergic agonists antagonise the anxiolytic-like effect of antidepressants in the fourplate test in mice.**

**Massé F**, Hascoët M, Bourin M (2005) *Behav Brain Res* 164:17-28.

**2005 Chronic treatment with subbutamine improves memory in an object recognition task and reduces some amnesic effects of dizocilpine in a spatial delayed-non-match-to-sample task.**

**Bizot JC**, **Herpin A**, **Pothion S**, Pirot S, Trovero F, Ollat H: *Prog Neuropsychopharmacol Biol Psychiatry*. 2005 Jul;29(6):928-35.

**2004 Strain differences in sucrose preference and in the consequences of unpredictable chronic mild stress.**

**Pothion S**, **Bizot JC**, Trovero F and Belzung C: *Behavioural Brain Research*, 155, p135-146, 2004.

**2003 Prenatal exposure of rats to Ginkgo biloba extract (EGb 761) increases neuronal survival growth and alters gene expression in the developing fetal hippocampus**

W. Li, **F. Trovero**, J. Cordier, Y. Wang, K. Drieu and V. Papadopoulos.  
*Developmental Brain Research*, 2003, 144 : 169-180

**2002 Alpha1b-adrenergic receptors control locomotor and rewarding effects of psychostimulants and opiates.**

C. Drouin, L. Darracq, **F. Trovero**, G. Blanc, J. Glowinski, S. Cotecchia and J.P.Tassin .  
*Journal of Neuroscience*, 2002, 22(7) : 2873-2884

**2001 Cortical alpha1-adrenergic regulation of acute and sensitized morphine locomotor effect.**

C. Drouin, G. Blanc, **F. Trovero**, J. Glowinski, and J.P.Tassin .  
*NeuroReport*, 2001, 12(16) : 3483-3486.

**2001 Acute exposure to a low or mild dose of soman: biochemical, behavioral and histopathological effects.**

Baille V, Dorandeu F, Carpentier P, **Bizot JC**, Filliat P, Four E, Denis J, Lallement G (2001)  
*Pharmacol Biochem Behav* 69:561-569.

**2000 Evidence for a modulatory effect of sulbutiamine on the glutamatergic and dopaminergic cortical transmissions in the rat brain.**

**F. Trovero**, M. Gobbi, J. Weil-Fuggaza, M.J. Besson, D. Brochet and S. Pirot.  
*Neuroscience Letters*, 2000, **292** , 49-53.

**1999 Ginkgo biloba extract EGb761 reduces the development of amphetamine-induced behavioral sensitization: effects on hippocampal type II corticosteroid receptors**

**Trovero F.**, Brochet D., Tassin J.P. and K. Drieu.  
*Brain Research*, 1999, **818** ; 135-139.

**1999 Serotonin and tolerance to delay of reward in rats.**

**Bizot JC**, Le Bihan C, Puech AJ, Hamon M, Thiébot M (1999)  
*Psychopharmacology (Berl)* 146:400-412.

**1999 Hippocampal theta rhythm in anesthetized rats: role of AMPA glutamate receptors.**

Puma C, **Bizot JC** (1999)  
*Neuroreport* 10:2297-2300.

**1999 Nicotine improves memory in an object recognition task in rats.**

Puma C, Deschaux O, Molimard R, **Bizot JC** (1999)  
*Eur Neuropsychopharmacol* 9:323-327.

**1998 Integrating the monoamine systems In, "Antidepressant Therapy, at the dawn of the third millenary",**

Tassin J.P., Darracq L., Blanc G.,and **Trovero F.**, M. Briley and S.A. Montgomery,  
*Eds Martin Dunitz, 1998, p 1-18.*

**1998 Pharmacological profile of CEB-1957 and atropine towards brain muscarinic receptors and comparative study of their efficacy against sarin poisoning.**

**F. Trovero**, D. Brochet, P. Breton, A. Tambuté, A. Bégos and **J. C. Bizot**.  
*Toxicology and Applied Pharmacology*, 1998, **150**; 321-327.

**1998 Effects of various drugs including organophosphorus compounds (OPC) and therapeutic compounds against OPC on DRL responding.**

**Bizot JC** (1998)  
*Pharmacol Biochem Behav* 59:1069-1080.

**1998 Brain neurotoxicity of Penitrem A: electrophysiological, behavioral and histopathological study.**

Breton P, **Bizot JC**, Buee J, De La Manche I (1998)  
*Toxicon* 36:645-655.

**1998 Effects of intraseptal infusions of N-methyl-D-aspartate receptor ligands on memory in an object recognition task in rats.**

Puma C, Baudoin C, **Bizot JC** (1998)  
*Neurosci Lett* 244:97-100.

**1998 Intraseptal infusions of a low dose of AP5, a NMDA receptor antagonist, improves memory in an object recognition task in rats.**

Puma C, **Bizot JC** (1998)  
*Neurosci Lett* 248:183-186.

**1997 Effects of psychoactive drugs on temporal discrimination in rats.**

**Bizot JC** (1997)

*Behav Pharmacol* 8:293-308.

**1997 Effects of penitrem A on rat's performances in passive avoidance and Morris water maze tests.**

Deschaux O, **Bizot JC** (1997)

*Mycopathologia* 138:99-104.

**1997 Effect of apamin, a selective blocker of Ca<sup>2+</sup>-activated K<sup>+</sup>-channel, on habituation and passive avoidance responses in rats.**

Deschaux O, **Bizot JC** (1997)

*Neurosci Lett* 227:57-60.

**1997 Apamin improves learning in an object recognition task in rats.**

Deschaux O, **Bizot JC**, Goyffon M (1997)

*Neurosci Lett* 222:159-162.

**1996 Impulsivity as a confounding factor in certain animal tests of cognitive function.**

**Bizot JC**, Thiébot MH (1996)

*Brain Res Cogn Brain Res* 3:243-250.

**1995 L'hétéro-régulation des récepteurs ou la présence d'une relation fonctionnelle entre deux ensembles neuronaux.**

Tassin J.P., **Trovero F.**, Hervé D., Blanc G. and Glowinski J.:

*Medecine/Sciences*, 1995 vol 11, p 829-836.

**1994 Le clonage des gènes codant pour les récepteurs opiacés permet-il une meilleure compréhension de la toxicomanie ?**

**Trovero F.** :

*Neuro-psy*, 1994, 9, 227-233.

**1994 Analyse autoradiographique des propriétés  $\alpha$ -adrénergiques de la viloxazine.**

**Trovero F.**, Jousselin-Poutrot M. et J.P. Tassin:

*La Lettre du Pharmacologue*, Mars 1994

**1994 Blockade of prefronto-cortical  $\alpha$ 1-adrenergic receptors prevents locomotor hyperactivity induced by subcortical D-amphetamine injection.**

Blanc G., **Trovero F.**, Hervé D., Glowinski J. and Tassin J.P.:

*European Journal of Neuroscience*, 1994, **6**, 293-298.

**1994 Accelerated resensitization of the D1 dopaminergic receptor-mediated response in cultured cortical and striatal neurons from the rat: respective role of  $\alpha$ 1-adrenergic and N-Methyl-D-Aspartate receptors**

**Trovero F.**, Marin P., Tassin J.P., Prémont J. and Glowinski J.

*Journal of Neuroscience*, 1994, **14**, 6280-6288.

**1994 Role of dopamine in the plasticity of glutamic acid decarboxylase (GAD67) messenger RNA in the rat frontal cortex and the nucleus accumbens.**

Rétaux S., **Trovero F.** and M.J. Besson:

*European Journal of Neuroscience*, 1994.

**1994 Opposite effects of cholinergic agents and benzodiazepine receptor ligands in a passive avoidance task in rats.**

Anglade F, **Bizot JC**, Dodd RH, Baudoin C, Chapouthier G (1994)

*Neurosci Lett* 182:247-250.

**1992 Biochemical and behavioural consequences of interactions between dopaminergic and noradrenergic systems in rat prefrontal cortex**

Tassin J.P., **Trovero F.**, Hervé D., Blanc G. and Glowinski J.

*Neurochemistry International*, 1992, vol 20, pp 225S-230S.

**1992 Mesocortical DA/NT neurons: possible opposite role of NA pathways on heteroregulations of DA(D1) and NT postsynaptic receptors in the rat prefrontal cortex.**

Tassin J.P., **Trovero F.**, Hervé D., Blanc G. and Glowinski J.

*Ann. N. Y. Acad. Sci.* 1992, vol 654, p 101-116.

**1992 Contribution of an  $\alpha$ 1-adrenergic receptors subtype to the expression of the "Ventral Tegmental Area Syndrome".**

**Trovero F.**, Blanc G., Hervé D., Vezina P., Glowinski J. and Tassin J.P.

*Neuroscience*, 1992, **47**, 69-76.

**1992 Autoradiographic identification of D1 dopamine receptors labelled with 3H-dopamine: distribution, regulation and relationship to coupling.**

Hervé D., **Trovero F.**, Blanc G., Glowinski J. and Tassin J.P.:  
*Neuroscience*, 1992, **46**, 687-700.

**1992 An *in vivo* partial inactivation of DA D1 receptors induces an hypersensitivity of cortical DA-sensitive adenylate cyclase: permissive role of  $\alpha$ 1-adrenergic receptors.**

**Trovero F.**, Hervé D., Blanc G., Glowinski J. and Tassin J.P.  
*Journal of Neurochemistry*, 1992, **59**, 331-337.

**1991 Relationships between mesocortical and mesolimbic dopamine neurons: functional correlates of D1 receptor hetero-regulation. In "The mesolimbic dopaminergic system: from motivation to action."**

Tassin J.P., Hervé D., Vezina P., **Trovero F.**, Blanc G. and Glowinski J.  
*Eds P. Willner, Wiley Pub. (1991). pp. 175-196.*

**1991 Dopaminergic hetero-regulation of striatal mu-opiate receptors: further evidence for their postsynaptic location. In "Presynaptic Receptors and Neuronal Transmission".**

**Trovero F.**, Hervé D., Desban M., Glowinski J. and Tassin J.P.  
*Pergamon Press, Oxford. 1991.*

**1991 Distinct presynaptic regulation of dopamine release through NMDA receptors in striosome- and matrix-enriched areas of the rat striatum.**

Krebs M.O., **Trovero F.**, Desban M., Gauchy C., Glowinski J. and Kemel M.L.  
*The Journal of Neuroscience*, 1991, **11**, 1256-1262.

**1991 Different regulations of dopaminergic (D1) receptors and neurotensinergic binding sites in the rat prefrontal cortex.**

**Trovero F.**, Hervé D., Blanc G., Glowinski J. and Tassin J.P.  
*Neuroscience Letters*, 1991, **127**, 198-202.

**1991 Monoaminergic control of waiting capacity (impulsivity) in animals. Violence and Suicidality. Perspectives in clinical and psychobiological research.**

Soubrié P, **Bizot JC** (1991)  
*Ed by HM VanPraag R Plutchik and A Apter Brunner/Mazel Publishers NY pp 257-272.*

**1991 Waiting capacity in animals: a behavioral component crossing nosologic boundaries of anxiety and depression?**

Thiébot MH, **Bizot JC**, Soubrié P (1991)  
*Soubrié P (ed): Anxiety Depression and Mania. Anim. Models Psychiatr. Disord. Basel Karger Vol 3 pp 48-67.*

**1990 Dopaminergic afferent fibers regulate  $\beta$ -adrenergic receptors in the prefrontal cortex following partial lesion of the noradrenergic ascending pathways.**

Hervé D., **Trovero F.**, Blanc G., Glowinski J. and Tassin J.P.  
*Journal of Neurochemistry*, 1990, **54**, 1864-1869.

**1990 Striatal opiate mu-receptors are not located on DA nerve endings in the rat.**

**Trovero F.**, Hervé D., Desban M., Glowinski J. and Tassin J.P.  
*Neuroscience*, 1990, **39**, 313-321.

**1990 Evidence for phosphatidylinositol anchorage of opioid binding proteins in rat brain.**

**Trovero F.**, Glowinski J. and Lévy M.:  
*Brain Research*, 1990, **537**, 381-385.

**1989 Non-dopaminergic prefronto-cortical efferent fibers modulate D1 receptors denervation supersensitivity in specific regions of the rat striatum.**

Hervé D., **Trovero F.**, Blanc G., Thierry A. M., Glowinski J. and Tassin J. P.  
*Journal of Neuroscience*, 1989, **9**, 3699-3708.

**1989 Une approche possible des comportements impulsifs: modèles animaux de capacité à attendre.**

**Bizot JC** (1989)  
*Revue Française de Psychiatrie 7 numéro hors-série:13-16.*

**1988 Rat meso-cortical dopaminergic neurons are mixed neurotensin/dopamine neurons: histochemical and biochemical evidence.**

Tassin J.P., Kitabgi P., Tramu G., Studler J.M., Hervé D., **Trovero F.** and Glowinski J.

*Ann. N. Y. Acad. Sci.* Vol 537, 1988. pp.531-533.

**1988 Functional significance of long-term receptor hetero-regulation. Further evidence for cortico-subcortical relationships.**In " **Pharmacology and functional regulation of dopaminergic neurons**".

Tassin J. P., Hervé D., Blanc G., **Trovero F.** and Glowinski J.: Eds P.M. Beart, G.N. Woodruff and D.M. Jackson. Macmillan Press (1988) pp. 211-218.

**1988 Effects of imipramine-like drugs and serotonin uptake blockers on delay of reward in rats.**

**Possible implication in the behavioral mechanism of action of antidepressants.**

**Bizot JC,** Thiébot MH, Le Bihan C, Soubrié P, Simon P (1988)

*J Pharmacol Exp Ther* 246:1144-1151.