

Nicolas VIBERT, Directeur de Recherche (DR2) au CNRS

Section 26, « Cerveau, Cognition, Comportement »

Liste exhaustive des productions scientifiques au 31 août 2019

Articles dans des revues internationales à comité de lecture

1. de Waele C., Vibert N., Baudrimont M., Vidal P.-P. (1990) NMDA receptors contribute to the resting discharge of vestibular neurons in the normal and hemilabyrinthectomized guinea pig. **Experimental Brain Research**, 81: 125-133
2. Chapuis N., Krimm M., de Waele C., Vibert N., Berthoz A. (1992) Effect of post-training unilateral labyrinthectomy in a spatial orientation task by guinea pigs. **Behavioral Brain Research**, 51: 115-126
3. de Waele C., Serafin M., Khateb A., Vibert N., Yabe T., Arrang J.-M., Mühlethaler M., Vidal P.-P. (1992) An in vivo and in vitro study of the vestibular nuclei histaminergic receptors in the guinea pig. **Annals of the New York Academy of Sciences**, 656 : 550-565.
4. Serafin M., Khateb A., Vibert N., Vidal P.-P., Mühlethaler M. (1993) Medial vestibular nucleus in the guinea pig. Histaminergic receptors. I. An in vitro study. **Experimental Brain Research**, 93: 242-248
5. Yabe T., de Waele C., Serafin M., Vibert N., Arrang J.-M., Mühlethaler M., Vidal P.-P. (1993) Medial vestibular nucleus in the guinea pig. Histaminergic receptors. II. An in vivo study. **Experimental Brain Research**, 93: 249-258
6. Escudero M., de Waele C., Vibert N., Berthoz A., Vidal P.-P. (1993) Saccadic eye movements and the horizontal vestibulo-ocular and vestibulo-collic reflexes in the intact guinea-pig. **Experimental Brain Research**, 97: 254-262
7. Vibert N., de Waele C., Escudero M., Vidal P.-P. (1993) The horizontal vestibulo-ocular reflex in the hemilabyrinthectomized guinea-pig. **Experimental Brain Research**, 97: 263-273
8. Vibert N., Serafin M., Vidal P.-P., Mühlethaler M. (1995) Effects of baclofen on medial vestibular nucleus neurones in guinea-pig brainstem slices. **Neuroscience Letters**, 183: 193-197
9. Vibert N., Serafin M., Crambes O., Vidal P.-P., Mühlethaler M. (1995) Dopaminergic agonists have both presynaptic and postsynaptic effects on guinea-pig's medial vestibular nucleus neurons. **European Journal of Neuroscience**, 7: 555-562

10. Vibert N., Serafin M., Vidal P.-P., Mühlethaler M. (1995) Direct and indirect effects of muscimol on medial vestibular nucleus neurones in guinea-pig brainstem slices. **Experimental Brain Research**, 104: 351-356
11. Vibert N., Serafin M., Vidal P.-P., Mühlethaler M. (1996) Effects of substance P on medial vestibular nucleus neurones in guinea-pig brainstem slices. **European Journal of Neuroscience**, 8: 1030-1036
12. Vidal P.-P., Babalian A., de Waele C., Serafin M., Vibert N., Mühlethaler M. (1996) NMDA receptors of the vestibular nuclei neurons. **Brain Research Bulletin**, 40: 347-352
13. Vidal P.-P., Babalian A., Vibert N., Serafin M., Mühlethaler M. (1996) In vivo - in vitro correlations in the central vestibular system: a bridge too far ? **Annals of the New York Academy of Sciences**, 781 : 424-436.
14. Babalian A., Vibert N., Assié G., Serafin M., Mühlethaler M., Vidal P.-P. (1997) Central vestibular networks in the guinea-pig: functional characterization in the isolated whole brain in vitro. **Neuroscience**, 81: 405-426.
15. Vibert N., de Waele C., Serafin M., Babalian A., Mühlethaler M., Vidal P.-P. (1997) The vestibular system as a model of sensorimotor transformations: a combined in vivo and in vitro approach to study the cellular mechanisms of gaze and posture stabilization in mammals. **Progress in Neurobiology**, 51: 243-286.
16. Vidal P.-P., de Waele C., Vibert N., Mühlethaler M. (1998) Vestibular compensation revisited. **Otolaryngology and Head Neck Surgery**, 119 : 34-42.
17. Vibert N., Babalian A., Serafin M., Gasc, J.-P., Mühlethaler M., Vidal P.-P. (1999) Plastic changes underlying vestibular compensation in the guinea-pig persist in isolated, *in vitro* whole brain preparations. **Neuroscience**, 93 : 413-432.
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19. Vibert N., Beraneck M., Bantikyan A., Vidal P.-P. (2000) Vestibular compensation modifies the sensitivity of vestibular neurones to inhibitory amino acids. **NeuroReport**, 11: 1921-1927.
20. Vibert N., Vidal P.-P. (2001) In vitro effects of acetyl-DL-leucine (tanganil®) on central vestibular neurons and vestibulo-ocular networks of the guinea-pig. **European Journal of Neuroscience**, 13: 735-748.
21. Vibert N., MacDougall H.G., de Waele C., Gilchrist D.P.D., Burgess A.M., Sidis A., Migliaccio A., Curthoys I.S., Vidal P.-P. (2001) Variability in the control of head movements in seated humans: a link with whiplash injuries ? **Journal of Physiology (London)**, 532 : 851-868. **(voir ci-dessous la note concernant cette publication)**

22. Ris L., Hachemaoui M., Vibert N., Godaux E., Vidal P.-P., Moore L.E. (2001) Resonance of spike discharge modulation in neurons of the guinea pig medial vestibular nucleus. **Journal of Neurophysiology**, 86 : 703-716.
23. Ris L., Capron B., Vibert N., Vidal P.-P., Godaux E. (2001) Modification of the pacemaker activity of vestibular neurones in brain stem slices during vestibular compensation in the guinea-pig. **European Journal of Neuroscience**, 13 : 2234-2240.
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25. Patko T., Vidal P.-P., Vibert N., Tran Ba Huy P., de Waele C. (2003) Vestibular evoked myogenic potentials in patients suffering from an unilateral acoustic neuroma : a study of 170 patients. **Clinical Neurophysiology**, 114 : 1344-1350.
26. Uno A., Idoux E., Beraneck M., Vidal P.-P., Moore L.E., Wilson V.J., Vibert N. (2003) Static and dynamic membrane properties of lateral vestibular nucleus neurons in guinea pig brainstem slices. **Journal of Neurophysiology**, 90 : 1689-1703.
27. Straka H., Beraneck M., Rohregger M., Moore L.E., Vidal P.-P., Vibert N. (2004) Second-order vestibular neurons form separate pathways with different membrane and discharge properties. **Journal of Neurophysiology**, 92 : 845-861.
28. Moore L.E., Hachemaoui M., Idoux E., Vibert N., Vidal P.-P. (2004) The linear and non-linear relationships between action potential discharge rates and membrane potential in model vestibular neurons. **Nonlinear Studies**, 11 : 423-448.
29. Beraneck M., Idoux E., Uno A., Vidal P.-P., Moore L.E., Vibert N. (2004) Unilateral labyrinthectomy modifies the membrane properties of contralesional vestibular neurons. **Journal of Neurophysiology**, 92 : 1668-1684.
30. Mbongo F., Patko T., Vibert N., Tran Ba Huy P., Vidal P.-P., de Waele C. (2005) Postural control in patients with unilateral vestibular lesions is more impaired in the frontal than in the sagittal plane: a static and dynamic posturography study. **Audiology & Neuro-Otology**, 10 : 291-302.
31. Straka H., Vibert N., Vidal P.-P., Moore L.E., Dutia M.B. (2005) Intrinsic membrane properties of vertebrate vestibular neurons: function, development and plasticity. **Progress in Neurobiology**, 76 : 349-392.
32. Vibert N., Hoang T., Gilchrist D.P.D., MacDougall H.G., Burgess A.M., Roberts R.D., Vidal P.-P., Curthoys I.S. (2006) Psychophysiological correlates of the inter-individual variability of head movement control in seated humans. **Gait and Posture**, 23 : 355-363.
33. Idoux E., Serafin M., Fort P., Vidal P.-P., Beraneck M., Vibert N., Mühlethaler M., Moore L.E. (2006) Oscillatory and intrinsic membrane properties of guinea pig nucleus prepositus hypoglossi neurons in vitro. **Journal of Neurophysiology**, 96 : 175-196.

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35. Beraneck M., Pfanzelt S., Vassias I., Rohregger M., Vibert N., Vidal P.-P., Moore L.E., Straka H. (2007) Differential intrinsic response dynamics determine synaptic signal processing in frog vestibular neurons. **Journal of Neuroscience**, 27 : 4283 – 4296.
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40. Eugène D., Deforges S., Vibert N., Vidal P.-P. (2009) Vestibular critical period, maturation of central vestibular neurons, and locomotor control. **Annals of the New York Academy of Sciences**, 1164 : 180-187.
41. Vibert N., Ros C., Le Bigot L., Ramond M., Gatefin J., Rouet J.-F. (2009). Effects of domain knowledge on reference search with the PubMed database: An experimental study. **Journal of the American Society for Information Science and Technology**, 60 : 1423-1447.
42. Caroux L., Le Bigot L., Vibert N. (2011). Maximizing player's anticipation by applying the proximity-compatibility principle to the design of video games. **Human Factors**, 53 : 103-117.
43. Jaafari N., Rigalleau F., Rachid F., Delamillieure, P., Millet B., Olié J.-P., Gil R., Rotgé J.-Y., Vibert N. (2011). Contribution of eye movement recordings to the neuropsychology of obsessive compulsive disorder: A critical review. **Acta Psychiatrica Scandinavica**, 124 : 87-101.
44. Dampuré J., Ros C., Rouet J.-F., Vibert N. (2012). How word familiarity facilitates visual search for verbal material. **Applied Cognitive Psychology**, 26 : 271-288.
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48. Macedo-Rouet M., Rouet J.-F., Ros C., Vibert N. (2012). How do scientists select articles in the Pubmed database? An empirical study of criteria and strategies. **European Review of Applied Psychology / Revue Européenne de Psychologie Appliquée**, 62 : 63-72.
49. Jaafari N., Frasca M., Rigalleau F., Rachid F., Gil R., Olié, J.-P., Guehl D., Burbaud P., Aouizerate B., Rotgé J.-Y., Vibert N. (2013). Forgetting what you have checked: A link between working memory impairment and checking behaviors in obsessive-compulsive disorder. **European Psychiatry**, 28 : 87-93.
50. Caroux L., Le Bigot L., Vibert N. (2013). Impact of the motion and visual complexity of the background on players' performance in video game-like displays. **Ergonomics**, 56 : 1863-1876.
51. Dampuré J., Ros C., Rouet J.-F., Vibert N. (2014). Task-dependent sensitization of perceptual and semantic processing during visual search for words. **Journal of Cognitive Psychology**, 26 : 530-549.
52. Jaafari N., Chopin N., Levy C., Rotgé J.-Y., Lafay N., Hammi W., Rigalleau F., Millet B., Krebs M.-O., Vibert N. (2015) Excessive checking behavior during an image comparison task in Schizophrenia. **European Psychiatry**, 30 : 233-241.
53. Caroux L., Le Bigot L., Vibert, N. (2015). How visual background motion and task difficulty modulate players' performance in a shooting task. **Displays**, 38 : 1-8.
54. Caroux L., Isbister K., Le Bigot L., Vibert, N. (2015). Player-video game interaction: a systematic review of current concepts. **Computers in Human Behavior**, 48 : 366-381.
55. Caroux L., Le Bigot L., Vibert N. (2015). Impairment of shooting performance by background complexity and motion. **Experimental Psychology**, 62 : 98-109.
56. Dampuré J., Benraiss A., Vibert N. (2016). Task-dependent modulation of word processing mechanisms during modified visual search tasks. **Quarterly Journal of Experimental Psychology**, 69 : 1145-1163.
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59. Botta F.*, Vibert N.*, Harika-Germaneau G.*, Frasca M., Rigalleau F., Fakra E., Ros C., Rouet J.-F., Ferreri F., Jaafari N. (2018). Visual search for verbal material in patients with obsessive-compulsive disorder. **Psychiatry Research**, 264 : 244-253. (*co-premiers auteurs)

60. Rouet J.-F., Skov O., De Pereyra G., Ros C., Le Bigot L., Vibert N. (2018). Relevance versus big numbers: students' criteria for selecting scholarly references online. **Journal of Experimental Psychology: Applied**, 24 : 476-489.

61. Dampuré J., Benraiss A., Vibert N. (2019). Modulation of parafoveal word processing by cognitive load during modified visual search tasks. **Quarterly Journal of Experimental Psychology**, 72 : 1805-1826.

62. Vibert N., Braasch J. L. G., Darles D., Potocki A., Ros C., Jaafari N., Rouet J.-F. (2019). Adolescents' developing sensitivity to orthographic and semantic cues during visual search for words. **Frontiers in Psychology**, 10 : article 642.

L'article 19 a donné lieu à un commentaire publié sur le site « Nature Science Update (<http://www.nature.com/nsu/>) » en Mai 2001. Une brève reprenant sa teneur a aussi été publiée dans la « Lettre Bio » du Département des Sciences de la Vie du CNRS en septembre 2001.

L'article 43 a donné lieu dans le même numéro de la revue « Acta Psychiatrica Scandinavica » à un commentaire éditorial de l'éditeur en charge de la neurobiologie, Michael J. McCarthy, intitulé : « The eyes are the window to the brain: reviewing oculomotor abnormalities in obsessive-compulsive disorder »

Bibliométrie :

« ISI Web of Knowledge » : 67 publications, 1 657 citations, facteur h = 25

« Google Scholar » : 2 497 citations, facteur h = 30

Conférences invitées dans des congrès

1. Vibert N., Babalian A., Serafin M., de Waele C., Mühlethaler M., Vidal P.-P. (1999) Etude in vivo et in vitro des mécanismes de plasticité post-lésionnelle du contrôle du regard et de la posture. **Symposium du 4ème Colloque de la Société des Neurosciences**, Marseille, Mai 1999, S 1-5.

2. Vibert N., Bantikyan A., Serafin M., Mühlethaler M., Vidal P.-P. (1999) Post-lesional plasticity in the mammalian brain following vestibular deafferentation: a «top-down» adaptation process? **IVth International Symposium on the Head/Neck System**, Tokyo, Japon, Août 1999.

3. Vibert N. (2016). Le test du "Stroop subliminal" comme outil de mesure de l'insight implicite dans les addictions. Conférence présentée aux **19èmes Journées « Psychologie Neurologie Gériatrie » (PNG)**, Poitiers, France, Mai 2016.

Publications dans des Actes de colloques à comité de lecture

1. Rouet J.-F., Vibert N., Ros C., Ramond M., Deshouillères B. (2005) L'usage des systèmes d'informations électroniques en recherche scientifique : le cas de la neurophysiologie. **Actes des Troisièmes Journées d'étude en Psychologie ergonomique, EPIQUE** (pp. 71-80). Septembre 2005, Toulouse, France.

2. Vibert N., Rouet J.-F., Ros C., Ramond M. (2006) Comment les spécialistes scientifiques interrogent-ils les bases de données bibliographiques en ligne ? Une étude exploratoire de la recherche de références par des chercheurs en neurosciences. **Actes des Douzièmes journées d'Etude sur le Traitement Cognitif des Systèmes d'Information Complexes JETCSIC** (10 pages). Juin 2006, Nanterre, France.
3. Léger L., Rouet J.-F., Ros C., Vibert N. (2008) Effects of orthographic and semantic distractors on visual search for single words. In B. C. Love, K. McRae, & V. M. Sloutsky (Eds.), **Proceedings of the 30th Annual Conference of the Cognitive Science Society** (pp. 64-70). Austin, TX: Cognitive Science Society.
4. Caroux L., Vibert N., Le Bigot L. (2009). Beneficial effects of spatial sharing of visual attention on player's performance in a video game. **Proceedings of HCII 2009 - 13th International Conference on Human-Computer Interaction** (pp. 197-200). Juillet 2009, San Diego (CA), USA.
5. Caroux L., Vibert N., Le Bigot L. (2009). Détecter l'apparition d'objets sur un fond visuel en mouvement. In B. Cahour, F. Anceaux, & A. Giboin (Eds.), **Actes du 5ème colloque de psychologie ergonomique EPIQUE'2009** (pp. 293-298). Septembre 2009, Nice, France.
6. Caroux L., Le Bigot L., Vibert N. (2010). Vers une utilisabilité spécifique des jeux vidéo ? **Annexe des Actes d'IHM'10, 22e Conférence Francophone sur l'Interaction Homme - Machine** (pp. 5-8). Septembre 2010, Luxembourg, Luxembourg.
7. Caroux L., Le Bigot L., Vibert N. (2011). Variations des stratégies d'anticipation visuelle en fonction de la règle dans un jeu vidéo. In C. Bastien, J. Cegarra, A. Chevalier, J. Dinet, N. Gregori, & V. Grosjean (Eds.), **Actes du sixième colloque de psychologie ergonomique EPIQUE'2011** (pp. 405-418). Septembre 2011, Metz, France. ISBN-10 2-8143-0090-3

Publications dans des revues sans comité de lecture

1. Vibert N., Vidal P.-P. (2002) Effets in vitro de l'acétyl-DL-leucine (Tanganil®) sur les neurones vestibulaires centraux et les réseaux vestibulo-oculaires du cobaye. **Revue Officielle de la Société Française d'O.R.L.**, 74 : 29-46. (Traduction en français de l'article 20 de la liste des publications dans des revues internationales à comité de lecture)
2. Eugène D., Vibert N., Vidal P.-P. (2008) Sensory vestibular information and vertebrate motor behaviour. **Physiology News** No 71, Summer 2008, www.physoc.org. (Résumé / commentaire issu de l'article 33 de la liste des publications dans des revues internationales à comité de lecture).

Une description de mon parcours scientifique et de mes thématiques de recherche, écrite suite à une interview téléphonique par Agnès Morel, une journaliste travaillant pour le magazine « L'Etudiant », a été publiée en 2004 dans un livre intitulé « Les métiers de la Recherche avec le CNRS », Editions L'Etudiant, série Métiers et Formation (pages 97 et 98).

Communications à des congrès

1. de Waele C., Vibert N., Vidal P.-P. (1989) In vivo study of the EAA receptors in the vestibular nuclei of the normal and hemilabyrinthectomized guinea-pig. **European Journal of Neuroscience, Supplement 2** : 288 (n° 80.9)
2. Serafin M., Khateb A., Vibert N., de Waele C., Vidal P.-P., Mühlethaler M. (1990) In vitro and in vivo studies of the histaminergic receptors in the medial vestibular nuclei neurones of the guinea-pig. **Society for Neuroscience Abstracts**, 16 (2) : 969 (n° 401.8)
3. Graf W., Vidal P.-P., de Waele C., Vibert N. (1990) Vestibular control of skeletal geometry. I. Biomechanical and vestibular sensory compartmentalization in the head-neck and eye movement systems of vertebrates. **Abstract of the 16th Barany Society Meeting**, Tokyo (Japon), p. 39
4. Vidal P.-P., de Waele C., Vibert N., Graf W. (1990) Vestibular control of skeletal geometry. II. Role of glutamate receptors in the vestibular nuclei of normal and hemilabyrinthectomized guinea-pigs. **Abstract of the 16th Barany Society Meeting**, Tokyo (Japon), p. 39
5. Mühlethaler M., Khateb A., Vibert N., de Waele C., Vidal P.-P., Serafin M. (1991) Histaminergic receptors in the medial vestibular nucleus of the guinea-pig. Abstract of the 23rd Annual Meeting of the Swiss Societies for Experimental Biology, **Experientia**, 47 : A 12 (n° 71)
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7. Vibert N., Serafin M., Khateb A., Vidal P.-P., Mühlethaler M. (1991) Pharmacology of medial vestibular neurons in guinea pig brainstem slices: preliminary results. **Society for Neuroscience Abstracts**, 17 (1) : 318 (n° 128.22)
8. Vibert N., Serafin M., Khateb A., Vidal P.-P., Mühlethaler M. (1992) Pharmacological studies of medial vestibular neurons in guinea pig brainstem slices. Abstract of the 24th annual meeting of the Swiss Societies for Experimental Biology, **Experientia** 48: A91 (n° 528)
9. Vibert N., Serafin M., Khateb A., Vidal P.-P., Mühlethaler M. (1992) Etude pharmacologique des neurones vestibulaires médians sur des tranches de tronc cérébral de cobaye. **Abstract du 1er colloque de la Société des Neurosciences**, Strasbourg, Mai 1992, n° A 157
10. Vidal P.-P., Serafin M., Vibert N., de Waele C., Khateb A., Arrang J.-M., Mühlethaler M. (1992) Récepteurs histaminergiques dans le noyau vestibulaire médian du cobaye: une étude in vivo et in vitro. **Abstract du 1er Colloque de la Société des Neurosciences**, Strasbourg, Mai 1992, n° A 158
11. Vibert N., Serafin M., Crambes O., Mühlethaler M. (1992) Effects of piribedil on medial vestibular neurones in guinea-pig brainstem slices. **Abstract of the 29th Inner Ear Biology Workshop**, Engelberg, Septembre 1992, n° 87

12. Vibert N., Serafin M., Khateb A., Vidal P.-P., Mühlethaler M. (1992) Effects of amino acids on medial vestibular neurones in guinea pig brainstem slices. **Society for Neuroscience Abstracts**, 18 (1) : 509 (n° 215.16)
13. Vibert N., Serafin M., Crambes O., Vidal P.-P., Mühlethaler M. (1993) Effects of D₂ dopaminergic agonists on guinea-pig medial vestibular neurones. **European Journal of Neuroscience, Supplement 6** : 267 (n° 1040)
14. Vidal P.-P., Vibert N., Escudero M., de Waele C. (1993) Dynamic vestibular compensation in the guinea pig: the horizontal vestibule-ocular reflex in intact and hemilabyrinthectomized guinea pigs. **European Journal of Neuroscience, Supplement 6** : 268 (n° 1041)
15. Vibert N., Serafin M., Vidal P.-P., Mühlethaler M. (1993) In vitro studies of physiological and pharmacological properties of medial vestibular neurons in the guinea pig. Abstract of the satellite workshop to the 16th meeting of the European Neuroscience Association "**Information Processing Underlying Gaze Control**", Séville, 22-24 Septembre 1993
16. Vibert N., Serafin M., Crambes O., Vidal P.-P., Mühlethaler M. (1993) Dopaminergic agonists have both pre- and postsynaptic effects on guinea-pig medial vestibular neurones. **Society for Neuroscience Abstracts**, 19 (1) : 136 (n° 59.3)
17. Vibert N., Serafin M., Vidal P.-P., Mühlethaler M. (1994) Effects of serotonin, noradrenaline and substance P on medial vestibular nucleus neurones in brainstem slices. **European Journal of Neuroscience, Supplement 7** : 219 (n° 123.04)
18. Babalian A., Vibert N., Serafin M., Mühlethaler M., Vidal P.-P. (1995) Electrophysiologie des neurones du noyau vestibulaire médian sur une préparation de cerveau entier isolé de cobaye maintenu in vitro. **Abstract du 2ème Colloque de la Société des Neurosciences**, Lyon, Mai 1995, n° C 34
19. Babalian A., Vibert N., Serafin M., Mühlethaler M., Vidal P.-P. (1995) Investigation of the vestibulo-oculomotor pathways in the in vitro, isolated and perfused, whole brain of guinea-pig. **Abstract of the Meeting of European Neuroscience**, Amsterdam, Septembre 1995, n° 71.28
20. Babalian A., Vibert N., Serafin M., Mühlethaler M., Vidal P.-P. (1995) Synaptic interactions in the vestibulo-ocular pathways of the guinea-pig studied in an in vitro whole brain preparation. **Society for Neuroscience Abstracts**, 21 (2) : 919 (n° 365.9)
21. Vibert N., Babalian A., Mühlethaler M., Vidal P.-P. (1996) Some of the physiological changes underlying vestibular compensation persist in isolated, in vitro whole brains from hemilabyrinthectomized guinea-pigs. **Abstract of the 2nd Meeting of European Neuroscience**, Strasbourg, Septembre 1996, n° 78.15
22. Vibert N., Babalian A., Mühlethaler M., Vidal P.-P. (1996) Physiological correlates of vestibular compensation in isolated, in vitro whole brains from hemilabyrinthectomized guinea-pigs. **Society for Neuroscience Abstracts**, 22 (1) : 659 (n° 261.2)

23. Serafin M., Vibert N., de Waele C., Vidal P.-P., Mühlethaler M. (1996) Electrophysiological properties of nucleus prepositus hypoglossi neurones in guinea-pig brainstem slices. **Society for Neuroscience Abstracts**, 22 (1) : 664 (n° 263.2)
24. Mühlethaler M., Vibert N., de Waele C., Vidal P.-P., Serafin M. (1996) Pharmacological characterization of nucleus prepositus hypoglossi neurones in guinea-pig brainstem slices. **Society for Neuroscience Abstracts**, 22 (1) : 664 (n° 263.3)
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Séminaires donnés dans d'autres laboratoires

1. In vitro studies of the neuronal changes underlying vestibular compensation: is compensation a "top-down" adaptation process? (Septembre 2000) **Séminaire donné sur l'invitation du Prof. Paul Smith au Department of Pharmacology, University of Otago Medical School, Dunedin, New Zealand.**

2. The preparation of isolated, in vitro whole brain of guinea-pig, a valuable tool to study the physiology and pharmacology of neuronal networks (Septembre 2000). **Séminaire donné sur l'invitation du Prof. Paul Smith au Department of Pharmacology, University of Otago Medical School, Dunedin, New Zealand.**

3. Variabilité inter-individuelle du contrôle des mouvements de la tête chez l'homme assis (Novembre 2001). **Séminaire donné sur invitation du Dr. Daniel Zytnicki au Laboratoire de Neurophysique et Physiologie du Système Moteur, CNRS FRE 2361, 45 rue des Saints-Pères, 75006 Paris, France.**

4. Etude in vitro des bases cellulaires de la compensation vestibulaire: travaux sur tranche et sur la préparation de cerveau entier isolé et maintenu in vitro (Mars 2002). **Séminaire donné sur invitation du Dr. Nathalie Leresche au Laboratoire de Neurologie des Processus Adaptatifs, CNRS UMR 7102, Université Paris 6, Quai Saint-Bernard, 75005 Paris, France.**

5. Cellules gliales et jonctions communicantes dans les réseaux de neurones à l'origine de la stabilisation du regard et de la posture (Janvier 2004). **Séminaire donné sur invitation du Dr. Annette Koulakoff au Laboratoire de Neuropharmacologie, INSERM U 114 – Collège de France, 11 place Marcellin Berthelot, 75005 Paris, France.**

6. Visual search for verbal material: From cognitive processes to complex document usage (Novembre 2008). **Séminaire donné sur invitation du Prof. Ann Britt au Psychology Department, Northern Illinois University, DeKalb (Illinois) USA.**

7. Word processing during visual search for verbal material: An overview of models and cognitive processes (Novembre 2014). **Séminaire donné sur invitation du Pr. Gregory Zelinsky, Psychology Department, Stony Brook University, Stony Brook (New York) USA.**

8. The cognitive processes of visual search for verbal information : eye-tracking and reference selection studies (Octobre 2017). **Séminaire donné sur invitation du Dr. Gaston Saux, Centro de Investigaciones en Psicología y Psicopedagogía, Pontificia Universidad Católica, Buenos Aires, Argentine.**

Chapitres publiés dans des ouvrages collectifs

1. de Waele C., Vibert N., Berthoz A., Vidal P.-P. (1992) Vestibular N-methyl-D-aspartate receptors in normal and compensated guinea pigs. Dans : **The Head-Neck Sensory Motor System**. Berthoz A., Graf W., Vidal P.P. (éds.), Oxford University Press, New York, pp. 625-630.

2. de Waele C., Chapuis N., Krimm M., Vibert N., Berthoz A., Vidal P.-P. (1993) Vestibular compensation and its consequences for spatial orientation. Dans : **Multisensory Control of Movement**. Berthoz A. (éd.), Oxford University Press, Oxford - New York - Tokyo, chap. 26, pp. 457-473.

3. de Waele C., Vibert N. (1993) Neurochimie des noyaux vestibulaires. Méthodes d'étude, résultats, applications cliniques. Dans : **Noyaux Vestibulaires et Vertige**. Berthoz A., Vidal P.-P. (éds.), Arnette, Paris, pp. 31-46.

4. Vibert N., Serafin M., Vidal P.-P., Mühlethaler M. (1994) Pharmacological properties of medial vestibular neurones in the guinea-pig in vitro. Dans : **Information Processing Underlying Gaze Control**. Delgado-Garcia J.M., Godaux E., Vidal P.-P. (éds.), Pergamon Press, New York-Oxford, pp. 159-173.

5. Vidal P.-P., Vibert N., Serafin M., Babalian A., Mühlethaler, M., de Waele C. (1999) Intrinsic physiological and pharmacological properties of central vestibular neurons. Dans : **Advances in Oto-rhino-laryngology, Vol. 55, Vestibular Dysfunction and its Therapy**. Büttner U. (éd.), Karger, Basel, pp. 26-81.

6. Vibert N., Serafin M., de Waele C., Babalian A., Mühlethaler M., Vidal P.-P. (2000) Modulatory effects of monoamines on central vestibular neurones. Possible functional implications. Dans: **Neurochemistry of the Vestibular System**. Anderson J.H., Beitz A.J. (éds.), CRC Press, Boca Raton, pp. 163-181.

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1. Vidal P.-P., Vibert N. (Novembre 1995) Etude in vitro des effets de l'acétyl-DL-leucine (tanganil®) sur les neurones du noyau vestibulaire médian du cobaye. Rapport d'activité pour 1995 de l'étude menée pour **Pierre Fabre Médicaments, Direction des Affaires Médicales**. 20 pages.
2. Vibert N., Vidal P.-P. (Avril 1997) Etude sur une préparation de cerveau entier isolé des effets de l'acétyl-DL-leucine (tanganil®) sur les neurones du noyau vestibulaire médian du cobaye. Rapport d'activité pour 1996 de l'étude menée pour **Pierre Fabre Médicaments, Direction des Affaires Médicales**. 30 pages.
3. Vibert N., Vidal P.-P. (Novembre 1998) Etude sur une préparation de cerveau entier isolé de cobaye des effets de l'acétyl-DL-leucine (tanganil®) sur les neurones du noyau vestibulaire médian. Rapport d'activité 1997-1998 de l'étude menée pour **Pierre Fabre Médicaments, Direction des Affaires Médicales**. 40 pages.
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