

CURRICULUM VITAE

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PERSONAL / PERSONNEL

Date of birth : September 16, 1950, Coutances (50), France
Citizenship : French

EDUCATION

Baccalaureate (Scientific Section) with honours (1968)

DEGREES / DIPLOMES

University

- . State Degree in Pharmacy,
(*Diplôme d'Etat de Pharmacie*)
Faculty of Pharmacy of Caen, France 1973
- . Special Certificate in Biochemistry,
(*Certificat d'Etudes Spéciales de Biochimie expérimentale et analytique*),
Faculty of Pharmacy, Paris, France 1974
- . Diploma of Specialised Pharmaceutical Studies (with honours),
(*Diplôme d'Etudes pharmaceutiques spécialisées (D.E.P.S.) d'exploration
biochimique*),
Faculty of Pharmacy, Paris, France 1974
- . Certificate of Medical Pathology,
(*Certificat de pathologie médicale*),
Faculty of medicine of Cochin-Port-Royal, Paris, France 1975
- . Certificate of Studies relating to the Medical Biology of Artificial
Radio-elements,
(*Attestation d'études relatives aux applications à la biologie médicale des
radio-éléments artificiels*),
Centre Energie Atomique, Saclay, France 1976
- . Ph. D in pharmaceutical Sciences - biochemistry and physiopathology
(with honours),
Doctorat d'Etat es-Sciences pharmaceutiques ,
Faculty of pharmacology, Paris, France 1981

WORK EXPERIENCE / EXPERIENCES PROFESSIONNELLES

Hospital

- . Resident in pharmacy at the Central Laboratory of Biochemistry,

University Hospital, Caen, France 1972-1975

Senior resident at the Central Laboratory of Biochemistry,
Saint-Louis Hospital, Paris, France 1975-1980

University

Assistant lecturer at the Faculty of Pharmaceutical and Biological
Sciences of the René Descartes University, Paris, France 1976-1977

Assistant lecturer in Fundamental Sciences at the René Descartes
University, Paris, France 1977-1981

Pharmaceutical Industry (Groupe SERVIER)

Head of Biological Sciences. 1982-1989

Director of Scientific Projects. 1990-1992

Director of the Division of Experimental Therapeutics. 1992-1998

Scientific Director of Legal Department 1998-2005

Scientific Director International Scientific Direction 2005-2008

Scientific Director of Scientific Direction R & D 2008-

TEACHING ACTIVITIES / ACTIVITES D'ENSEIGNEMENT

Pharmacy : 5th year (Pharmacy),
Faculty of Pharmacy, René Descartes University, Paris, France 1976-1977

Pharmacy : 5th year (Biology),
Faculty of Pharmacy, René Descartes University, Paris, France 1976-1977

Diplôme d'études pharmaceutiques spécialisées d'exploration
biochimique,
Faculty of Pharmacy, René Descartes University, Paris, France 1976-1977

Conférences au D.E.P.S. d'exploration biochimique,
Faculty of Pharmacy, René Descartes University, Paris, France 1977-1980

Certificat d'études spéciales d'immunologie,
Faculty of Pharmacy, René Descartes University, Paris, France 1977-1981

Pharmacy : 5th year (Industry UV 11),
Faculty of Pharmacy, Chatenay-Malabry, University of Paris-Sud,
France 1990-1991

RESEARCH ACTIVITIES / ACTIVITES DE RECHERCHE

Head of Department in the laboratory of Pr. L. Hartmann
(CNRS and INSERM), Faculté de Médecine
Paris, France 1977-1981

Attachée de Recherche titulaire du CNRS (Comparative and
experimental Pathology),

Pasteur Institute, laboratory of Dr. F. Dray Paris, France	1981-1982
Head of Biological Sciences, Director of Scientific Projects, Director of the Division of Experimental Therapeutics, Scientific Director Servier International Research Institute, Courbevoie, France	1982-
Vice-Présidente de la Commission d'Emergence CE7 INSERM	2004-2007

SCIENTIFIC PUBLICATIONS / PUBLICATIONS SCIENTIFIQUES

Theses

1. D.E.P.S. d'exploration biochimique : dosage radioimmunologique de l'hormone lutéinisante plasmatique. 1974
2. Attestation d'études relatives aux applications à la Biologie Médicale des Radioéléments Artificiels (C.E.A. Saclay) : Dosage radioimmunologique des igG sériques. 1976
3. Thèse de Doctorat-ès-Sciences pharmaceutiques : La mélatonine : Etude radioimmunologique et physiopathologique. 1981
4. Radicaux libres (Servier).
5. Thèse de Doctorat de l'Université Paul Sabatier (Endocrinologie métabolique) - Mélatonine et régulation du métabolisme énergétique : Recherche d'un effet direct sur les adipocytes. 1996

List of Publications

- 75-1 **LEMAITRE, B., VENEZIA, R. et DROSDOWSKI, L. (1975).**
Exploration de l'axe hypothalamo-hypophysaire chez les prématurés.
Ann. Endocr. , 75, 36.
- 77-1 **LEMAITRE, B., TOUBAS, P.L., GUILLOT, M., DREUX, C. and RELIER, J.P. (1977).**
Changes of serum gonadotropin concentrations in premature babies submitted to phorotherapy.
Biol. Neonate, 32, 133-138.

- 78-1 **LEMAITRE, B.J.**, TOUBAS, P.J., DREUX, C. and MINKOWSKI, A. (1978).
Increased gonadotropin levels in newborn premature females treated by
phototherapy.
J. Steroid Biochem., **10**, 335-377
- 79-1 **LEMAITRE, B.** and DREUX, C. (1979).
Influence of light on the plasma gonadotropin concentrations in the newborn rat.
Experientia, **35**, 556 .
- 79-2 HARTMANN, L., CAHOUR, A., **LEMAITRE, B.**, FIHMAN, A.M. and MASSIAS, J.F.
(1979).
Determination of blood urea by gas-liquid chromatography. A comparison with two
orders methods.
Path. Biol., Clin., **27**, 10, 643-646.
- 80-1 BESSELIEVRE, R., **LEMAITRE, B.J.**, HUSSON, H.P. and HARTMANN, L. (1980).
Structural Immunochemistry of melatonin-BSA binding, model of amino and indole
groups cross-linking.
Biomedicine, **33**.
- 80-2 **LEMAITRE, B.J.** (1980).
La prolactine : dosage et intérêt en biologie clinique.
Ann. Biol. Clin., **38**, 154-156.
- 80-3 **LEMAITRE, B.J.** and HARTMANN, L. (1980).
Preparation of anti-melatonin antibodies and antigenic properties of the molecule.
J. Immunol. Methods, **32**, 339-347.
- 80-4 **LEMAITRE, B.J.**, OLLIER-HARTMANN, M.P., HUSSON, H.P. et HARTMANN, L.
(1980).
Etude préliminaire concernant la synthèse, la circulation plasmatique et l'élimination
urinaire de la mélatonine chez l'homme et chez le rat.
C.R. Soc. Biol., 1974, **4**, 661-675.
- 81-1 **LEMAITRE, B.J.**, BOUILLE, J. and HARTMANN, L. (1981).
Variations of urinary melatonin excretion in humans during the first 30 years of life.
Clin. Chim. Acta., **110**, 77-82.
- 82-1 LAUNAY, J.M., **LEMAITRE, B.J.**, DREUX, C., HARTMANN, L. and DA PRADA, M.
(1982).
Melatonin synthesis by rabbit platelets.
Life Sci., **31**, 1487-1494.
- 82-2 **LEMAITRE, B.J.**, ROGER, M. and CHAUSSAIN., J.L. (1982).
Plasma and urinary melatonin in male infants during the first 12 months of life.
Clin. Chim. Acta. , **121** , 27-42.

- 87-1 SEBBAN, C., SHVALOFF, A., **GUARDIOLA-LEMAITRE, B.**, TESOLIN, B. and BERTHAUX, P. (1987).
Quantified EEG (EEGq) variations observed in rats with dextrofenfluramine (DF) and RU 24969 (RU).
Neuroscience (sup), **22**, S 350.
- 88-1 **GUARDIOLA-LEMAITRE, B.** (1988).
Isomère : une molécule originale pour une activité spécifique sur les prises alimentaires compulsives.
La Gazette Médicale, **21**, 205-211.
- 88-2 FILE, S. and **GUARDIOLA-LEMAITRE, B.** (1988).
L-Fenfluramine in tests of aggression and anxiety in the rat.
Neuropsychobiol. **20**, 205-211.
- 88-3 **GUARDIOLA-LEMAITRE, B.** (1988).
Dexfenfluramine : weight regulation in animal models.
Diabète et Métabolisme.
Proceedings of XIXth Internal Congress of Internal Medicine (August 29 - September, 1988).
- 88-4 SEBBAN, C., TESOLIN, B., SHVALOFF, A. and **GUARDIOLA-LEMAITRE, B.** (1988).
L-Fenfluramine and haloperidol in rats : an EEG comparison.
Psychopharmacol. **92**, 2, 131-138 .
- 89-1 LONGCHAMPT, M., **GUARDIOLA-LEMAITRE, B.**, SICOT, N., PERDRIX, L. and DUHAULT, J. (1989).
Protective effect of Purified Flavonoïd fraction against reactive oxygen radicals. In vivo and in vitro study.
Arzneim. Forsch/Drug. Res., **39**, 2, 8, 882-885.
- 89-2 OLIVER, C., JEZOVA, D., GRINO, M., GUILLAUME, V., BOUDOURESQUE, F., CONTE DELVOIX, F., PESCE, G., DUTOUT, A., **GUARDIOLA-LEMAITRE, B.**, ARNAUD, O., LAVIELLE, R. and NATHAN, C. (1989).
Effects of acute and chronic administration of dexfenfluramine on pituitary hormones secretion.
Circulating regulatory factors and Neuroendocrine function.
ed. J.C. PORTER and D. JEZOVA. ed. Press. New York and London, 427-441.
- 91-1 **GUARDIOLA-LEMAITRE, B.** (1991).
D-Fenfluramine and animal models of eating disorders.
In *5-hydroxytryptamine in psychiatry. A spectrum of ideas.* M. SANDLER, A. COPEN, S. HARNETT, ed. Oxford University Press, 303-308.
- 91-2 **GUARDIOLA-LEMAITRE, B.** (1991).
Development of melatonin analogs.
Adv. In Pineal Research : 5. J. ARENDT and P. PEVET. ed. John Libbey - London, 351-363.

- 91-3 HOWELL, H.E., YOUS, S., LESIEUR, D., **GUARDIOLA-LEMAITRE, B.** and MORGAN, P. (1991).
High affinity melatonin agonists based on the naphthalene nucleus.
J. of Endocrinology, **131**, sup., 38.
- 92-1 **GUARDIOLA-LEMAITRE, B.J.**, LENEGRE, A. and PORSOLT, R. (1992).
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Pharmacol. Biochem. Behav., **41**, 2, 405-408.
- 92-2 ADAM, G., **GUARDIOLA-LEMAITRE, B.**, YOUS, S., LESIEUR, D., MORGAN, P., HOWELL, H.E., ANDRIEUX, J., CAIGNARD, D.H., PFEIFFER, B. et RENARD, P. (1992).
Nouveaux ligands naphthaléniques des récepteurs mélatoninergiques.
Journal de Pharmacie de Belgique, **XLVII**, 374-380.
- 92-3 YOUS, S., LESIEUR, D., ANDRIEUX, J., HOWELL, T., MORGAN, P. and **GUARDIOLA-LEMAITRE, B.** (1992).
Novel naphthalenic ligands with high affinity for the melatonin receptor.
American J. of Med. Chem., **35**, 8, 1484-1486.
- 92-4 **GUARDIOLA-LEMAITRE, B.**, REDMAN, J., MARTINET, L., MORGAN, P., BONNEFOND, C., ARMSTRONG, S. and ENARD, P. (1992).
S 20098 : A chronobiotic active on circadian rhythms disorders.
J. Sleep Res. (1992), **1**, suppl. 1, p. 88.
- 92-5 GRIEBEL, G., MISSLIN, R., PAWLOWSKI, M., **GUARDIOLA-LEMAITRE, B.**, GUILLAUMET, G. and BIZOT-ESPIARD, J.G. (1992).
Anxiolytic-like effects of a selective 5HT1A agonist, S 20244, and its enantiomers in mice.
Neuroreport, **3**, 81-86.
- 92-6 SIMON, P., **GUARDIOLA-LEMAITRE, B.**, BIZOT-ESPIARD, J.G., SCHIAVI, P. and COSTENTIN, J. (1992).
5HT1A receptor agonists prevent in rats the yawning and penile erections induced by direct dopamine agonists.
Psychopharmacol., **108**, 47, 47-50.
- 92-7 PORSOLT, R., LENEGRE, A., CAIGNARD, D.H., PFEIFFER, B., MOCAER, E. and **GUARDIOLA-LEMAITRE, B.** (1992).
Psychopharmacological profile of a new chroman derivative with 5HT1A agonist properties : S-20499 (+).
Drug Dev. Res. **27**, 389-402.
- 93-1 BONNEFOND, C., MARTINET, L., LESIEUR, D., ADAM, G. and **GUARDIOLA-LEMAITRE, B.** (1993).
Characterization of a S 20098, a new melatonin analog.
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- 93-2 REDMAN, J.R. and **GUARDIOLA-LEMAITRE, B.** (1993).
The melatonin agonist, S 20098 : effects on the rat circadian system.
Melatonin and the pineal gland - from basic science to clinical application. Elsevier Publisher. Y. Touitou, J. Arendt and P. Pevet, editors. pp 127 - 130
- 93-3 ARMSTRONG, S.M, McNULTY, O.M., REDMAN, J.R., **GUARDIOLA-LEMAITRE, B.** (1993).
Successful use of S 20098 and melatonin in an animal model of delayed sleep phase syndrome (DSPS).
Pharmacol. Biochem. Behav., **46**, 45-49.
- 93-4 KOSTER-VAN HOFFEN, G.C., MIRMIRAN, M., BOS, N.P.A., WITTING, W., DELAGRANGE, P. and **GUARDIOLA-LEMAITRE, B.** (1993).
Effects of a novel melatonin analog on circadian rhythms of body temperature and activity in young, middle-aged and old rats.
Neurobiology of aging, **14**, 565-569.
- 93-5 DELAGRANGE, P., KOSTER-VAN HOFFEN, G.C., MIRMIRAN, M., BOS, N.P.A., WITTING, W., PFEIFFER, B. and **GUARDIOLA-LEMAITRE, B.** (1993).
Effect of S 20242, a melatoninergetic analogue on body temperature rhythms in aged rats.
Int. J. Obesity (1993) **17**, suppl. 1, 2.
- 93-6 MASON, R., DELAGRANGE, P. and **GUARDIOLA-LEMAITRE, B.** (1993).
Melatonin and S 20098 mediated resetting of rat suprachiasmatic circadian clock in vitro.
Brit. J. Pharmacol. suppl. **108**, 32.
- 93-7 DELAGRANGE, P. and **GUARDIOLA-LEMAITRE, B.** (1993).
New melatonin analogues as chronobiotics.
Journal of Interdisciplinary Cycle Research, **24**, **4**, 291-294.
- 93-8 KIDD, E.J., HAJ-DAHMANE, S., JOLAS, T., LANFUMEY, L., FATTACINI, C.M., **GUARDIOLA-LEMAITRE, B.**, GOZLAN, H. and HAMON, M. (1993).
New methoxy-chroman derivatives (\pm) S 20244, (+) S 20499 and (-) S 20500 with potent agonist properties at central 5HT1A receptors.
Journal of Pharmacology and Experimental Therapeutics (**264**, **2**, 863 - 872
- 93-9 JOLAS, T., HAJ-DAHMANE, S., LANFUMEY, L., FATTACINI, C.M., KIDD, E.J., ADRIEN, J., GOZLAN, M., **GUARDIOLA-LEMAITRE, B.** and HAMON, M. (1993).
(-) Tertatolol is a potent antagonist at pre and post-synaptic serotonin 5HT1A receptors in the brain.
Naunyn-Schmiedeberg's Arch Pharmacology, **347**, 453-463.
- 94-1 **GUARDIOLA-LEMAITRE, B.** (1994)
Melatonin agonists / antagonist : from the receptor to the therapeutic application.
Adv. In Pineal Research : 8. Morten Moller and Paul Pévet (eds). John Libbey & Company Ltd. pp. 333 - 348

- 94-2 HOWELL, H.E., **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P., RENARD, P. and MORGAN, P.J. (1994)
Computer simulation studies of naphthalenic ligand binding indicate melatonin receptor heterogeneity.
Adv. In Pineal Research : 8. Morten Moller and Paul Pévet (eds). John Libbey & Company Ltd. pp. 357 - 362
- 94-3 DEPREUX, P., LESIEUR, D., MANSOUR, H.A., MORGAN, P., HOWELL, H.E., RENARD, P., CAIGNARD, D.H., PFEIFFER B., DELAGRANGE, P., **GUARDIOLA-LEMAITRE, B.**, YOUS, S., DEMARQUE, A., ADAM, G., ANDRIEUX, J. (1994)
Synthesis and Structure-Activity Relationships of Novel Naphthalenic and Bioisosteric Related Amidic Derivatives as Melatonin Receptor Ligands.
J. Med. Chem., **37**, 3231-3239
- 94-4 HOWELL, H.E., **GUARDIOLA-LEMAITRE, B.**, RENARD, P. and MORGAN, P. (1994)
Naphthalenic ligands reveal melatonin receptor heterogeneity.
Endocrine, **2**, 979-988.
- 94-5 BARRETT, J.E., GAMBLE, E.H., ZHANG, L., and **GUARDIOLA-LEMAITRE, B.** (1994).
Anticonflict and discriminative stimulus effects in the pigeon of a new methoxychroman 5HT_{1A} agonist (\pm) S 20244 and its enantiomers (+) S 20499 and (-) S 20500.
Psychopharmacol. **116**, 73-78.
- 94-6 CURLE, P.F., MOCAER, E., RENARD, P., **GUARDIOLA-LEMAITRE, B.** (1994)
Anxiolytic properties of [+] S 20499, a novel serotonin 5HT_{1A} full agonist, in the elevated plus-maze and social interaction tests.
Drug Development Research, **32**, 183-190
- 94-7 PODONA, T., **GUARDIOLA-LEMAITRE, B.**, CAIGNARD, D.H., ADAM, G., PFEIFFER, B., RENARD, P. and GUILLAUMET, G. (1994)
3,4-Dihydro-3-amino-2H-1-benzopyran derivatives as 5-HT_{1A} receptor ligands and potential anxiolytic agents. I-Synthesis and structure-activity relationship studies.
J. Med. Chem. **37**, 12, 1779-1793.
- 94-8 RETTORI, M.C., CAIGNARD, D.H., DELAGRANGE, P., **GUARDIOLA-LEMAITRE, B.**, (1994)
Rôle des récepteurs 5HT_{1A} et 5HT₃ dans l'anxiété.
Ethnopharmacologia, Bulletin de la Société Française d'Ethnopharmacologie et de la Société Européenne d'Ethnopharmacologie, **14**, 42 - 56
- 95-1 REDMAN, J., **GUARDIOLA-LEMAITRE, B.**, BROWN, M., DELAGRANGE, P., ARMSTRONG, S.M, (1995)
Dose dependent effect of S 20098, a melatonin agonist on direction of re-entrainment of rat circadian activity rhythms.
Psychopharmacol. **118**, (385-390)
- 95-2 **GUARDIOLA-LEMAITRE, B** and DELAGRANGE, P. (1995)
Melatonin analogues : from pharmacology to clinical application.
European J. Med. Chem. **30**, S643-S651
- 95-3 CAIGNARD, D.H., LESIEUR, D., DEPREUX, P., RENARD, P., **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P. (1995)
Structure activity relationships of melatonin analogues.
European J. Med. Chem. **30**, S637-S642

- 95-4 BAZIARD-MOUYSSET, G.J., DE SAQUI-SANNES, G.P., YOUNES, S., LABSSITA, Y., PAYARD, M.M., CAIGNARD, D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, RENARD, P. (1995)
Sigma ligands in aminomethyl chromones series
J. Pharm. Belg., **50**, 2-3, 162-166.
- 95-5 DELAGRANGE, P., RENARD, P., CAIGNARD, D.H., **GUARDIOLA-LEMAITRE, B.**
Development of Melatonin Analogs (1995)
The Pineal gland and its hormones: Fundamental and Clinical Perspectives. Fraschini, F., Reiter, R.J. and Stankov, B. eds. Plenum Publishing Corporation, New York, p. 139-153.
- 95-6 SAXENA, P.R., MAASSEN VAN DEN BRINK, A., HEILIGERS, J.P.C., SCALBERT, E., **GUARDIOLA-LEMAITRE, B.**
Effects of S 20749, a close analogue of sumatriptan, on porcine carotid haemodynamics and human isolated carotid artery.
Pharmacol. Toxicol. **79**, 199-204
- 95-7 GRIEBEL, G., BLANCHARD, C.D., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, BLANCHARD, R.J.
In vivo potency of S 21187, a ligand with high affinity for 5HT_{1A} and α -adrenergic binding sites in an animal model of anxiety and panic disorders : the mouse defense test battery with Swiss-Webster mice.
J. Psychopharmacol. (submitted).
- 95-8 LECLERC, V., FOURMAINTRAUX, E., DEPREUX P., LESIEUR, D, MORGAN, P. HOWELL, H.E., RENARD, P., CAIGNARD, D.H., PFEIFFER, B., DELAGRANGE, P. **GUARDIOLA-LEMAITRE, B.**, ANDRIEUX, J., ADAM, G.
Synthesis and structure-activity relationships of novel naphthalenic and bioisosteric related amidic derivatives as melatonin receptor ligands II.
Bioorg. Med. Chem. Letts. (submitted).
- 96-1 LECLERC, V., DEPREUX, P., LESIEUR, D., CAIGNARD, D.H., RENARD, P., DELAGRANGE, P., **GUARDIOLA-LEMAITRE, B.**, MORGAN, P. (1996)
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- 96-2 GRIEBEL, G., BLANCHARD, C. D., RETTORI, M.C., JUNG, A., **GUARDIOLA-LEMAITRE, B.**, BLANCHARD R.J. (1996)
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- 96-3 RAULT, S., LANCELOT, J.C., PRUNIER, H., ROBBA, M., RENARD, P., DELAGRANGE, P., PFEIFFER, B., CAIGNARD, D.H., **GUARDIOLA-LEMAITRE, B.**, HAMON, M. (1996).
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J. Med. Chem. **39**, 10, 2068-2080
- 96-4 YING, S.W., RUSAK, B., DELAGRANGE, P., MOCAER, E., RENARD P, **GUARDIOLA-LEMAITRE, B.** (1996)
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- 96-5 LE GOUIC, S., DELAGRANGE, P., ATGIE, C., NIBBELINK, M., HANOUN, N., CASTEILLA, L., RENARD, P., LESIEUR, P., **GUARDIOLA-LEMAITRE, B.**, AMBID, L. (1996)
Effects of both a melatonin agonist and antagonist on seasonal changes in body mass and energy intake in the Garden Dormouse.
Int. J. Obes. Relat. Metab. Disord., **20**, 7, 661-667
- 96-6 MARTINET, L., **GUARDIOLA-LEMAITRE, B.**, MOCAER, E. (1996)
Entrainment of circadian rhythms by S 20098, a melatonin agonist, is dose and plasma concentration dependent.
Pharmacol Biochem Behav. **54**, 4, 713-718
- 96-7 WANG, X., RONDU, F., LAMOURI, A., DOKHAN, R., MARC, S., TOUBOUL, E., PFEIFFER, B., MANECHEZ, D., RENARD, P., **GUARDIOLA-LEMAITRE, B.**, GODFROID, J.J., KTORZA, A., PENICAUD, L. (1996)
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- 96-8 COMOY, C., MAROT, C., PODONA, T., BAUDIN, M.L., MORIN-ALLORY, L., GUILLAUMET, G., PFEIFFER, B., CAIGNARD, D.H., RENARD, P., RETTORI, M.C., ADAM, G., **GUARDIOLA-LEMAITRE, B.** (1996)
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- 96-9 DELAGRANGE, P., EMERIT, M.B., MERAHI, N., ABRAHAM, C., MORAIN, P., RAULT, S., RENARD, P., PFEIFFER, B., **GUARDIOLA-LEMAITRE, B.**, HAMON, M. (1996)
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Eur. J. Pharmacol. **316**, 195-203
- 96-10 MARTIN, P., **GUARDIOLA-LEMAITRE, B.**, CHIGNON, J.M., GUILLAUMET, G, PUECH, A.J.
Antidepressant-like effect of a new chromane derivative (±) S 20244 and its enantiomers (+) S 20499 and (-) S 20500 in learned helplessness paradigm.
Eur. J. Pharmacol. (submitted).
- 97-1 BARRETT, P., CONWAY, S., JOCKERS, R., STROSBURG, D., **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P., MORGAN, P. (1997)
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- 97-2 BLANCHARD, R.J., GRIEBEL G., **GUARDIOLA-LEMAITRE, B.**, BRUSH, M.M., LEE, J., BLANCHARD, D.C. (1977)
An ethopharmacological analysis of selective activation of 5-HT_{1A} receptors: the mouse 5-HT_{1A} syndrome.
Pharmacol. Biochem. Behav., **57**, 4, 897-908
- 97-3 SHIMA, T., CHUN, S., NIIJIMA, A., BIZOT-ESPIARD J.G., **GUARDIOLA-LEMAITRE, B.**, HOSOKAWA, M., NAGAI, K (1997)
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Anxiolytic activity of (\pm) S 20244 in the elevated-plus maze test in rat.
Oral presentation.
5 hydroxytryptamine - CNS receptors and brain function.
"Serotonin 1991", Birmingham, July 1991.
- 91-2 **GUARDIOLA-LEMAITRE, B., CAIGNARD, D.H., PFEIFFER, B., LENEGRE, A. and
PORSOLT, R.D.**
Psychopharmacological profile of the (+) and (-) enantiomers of S 20244 a novel 5-HT_{1A}
agonist.
Oral presentation.
5 hydroxytryptamine - CNS receptors and brain function.
Birmingham, 14-17 July, 1991.
- 91-3 **GRIEBEL, G., GUARDIOLA-LEMAITRE, B., BIZOT-ESPIARD, J.G., GUILLAUMET,
G. and MISSLIN, R.**
Anxiolytic and sedative effects of two selective 5HT_{1A} agonists, the (+) and (-) isomers
of S 20244, in mice.
Oral presentation.
5 hydroxytryptamine - CNS receptors and brain function.
Birmingham, 14-17 July, 1991.
- 91-4 **LANFUMEY, L., HAJ-DAHMANE, S., GOZLAN, H., FATTACCINI, C.M.,
GUILLAUMET, G., GUARDIOLA-LEMAITRE, B. and HAMON, M.**
5-HT_{1A} agonist properties of the two enantiomers of a new chroman derivative
S 20244.
Oral presentation.
5 hydroxytryptamine - CNS receptors and brain function.
Birmingham, 14-17 July, 1991.

- 91-5 MARTIN, P., **GUARDIOLA-LEMAITRE, B.**, KIDD, E., RENARD, P. and PUECH, A.J.
Antidepressant-like effects of 5-HT_{1A} agonists : 8-OH-DPAT, buspirone, gepirone and S 20244 in the learned helplessness test.
Oral presentation.
5 hydroxytryptamine - CNS receptors and brain function.
Birmingham, 14-17 July, 1991.
- 91-6 PODONA, T., GUILLAUMET, G., SCHIAVI, P., CAIGNARD, D.H., PFEIFFER, B. and **GUARDIOLA-LEMAITRE, B.**
3,4-dihydro-3-amino-2H-1-benzopyranes substitués : synthèse et propriétés pharmacologiques.
Oral presentation.
27ème Rencontres Internationales de Chimie Thérapeutique.
Caen, July 1991.
- 91-7 HUSSON, H.P., QUIRION, J.C., BONIN, M., **GUARDIOLA-LEMAITRE, B.** and RENARD, P.
Synthèse asymétrique de nouveaux benzamides à conformations restreintes.
Oral presentation.
27ème Rencontres Internationales de Chimie Thérapeutique.
Caen, July 1991.
- 91-8 YOUS, S., MORGAN, P., HOWELL, H.E., CAIGNARD, D.H., RENARD, P., ANDRIEUX, J., LESIEUR, D. and **GUARDIOLA-LEMAITRE, B.**
Nouveaux ligands naphthaléniques des récepteurs mélatoninergiques.
Oral presentation.
Journées franco-belges de pharmaco-chimie.
Lille, 26-27 September, 1991.
- 91-9 SIMON, P., PANISSAUD, C., **GUARDIOLA-LEMAITRE, B.**, BIZOT-ESPIARD, J.G. and COSTENTIN, J.
5HT_{1A} receptor agonists prevent in rats the yawning and penile erections induced by direct dopamine agonists.
Oral presentation.
Association Française des Pharmacologistes.
Tours, 17-18 October, 1991.
- 91-10 HOWELL, H.E., YOUS, S., LESIEUR, D., **GUARDIOLA-LEMAITRE, B.** and MORGAN, P.
High affinity melatonin agonist based on indole naphthalene bioisosterism.
Oral presentation.
Endocrine society meeting.
London, 13-15 November, 1991.
- 91-11 **GUARDIOLA-LEMAITRE, B.**, YOUS, S., HOWELL, T., MORGAN, P., LESIEUR, D. and ADAM, G.
Characterization of new potent melatonin analogs.
Oral presentation.
Conférence Philippe Laudat.
Obernai, France, 25-26 November 1991.
- 92-1 KIDD, E.J., LANFUMEY, L., JOLAS, T., FATTACINI, C.M., GOZLAN, H., **GUARDIOLA-LEMAITRE, B.**, MOCAER, E. and HAMON, M.
The potential anxiolytic drug S 20499 is a highly potent and selective agonist at 5HT_{1A} receptors in the rat brain.
Oral presentation.
XVIIIth CINP Congress.

Nice, 28 June - 2 July, 1992.

- 92-2 **GUARDIOLA-LEMAITRE, B.**, BARRETT, J., SEALE, T.W., TOUBAS, P.L., CURLE, P., MARTIN, P., MISSLIN, R. and MOCAER, E.
Anxiolytic and antidepressant activities of S 20499, a new 5HT1A full agonist in animal models.
Poster Presentation.
XVIIIth CINP Congress.
Nice, 28 June - 2 July 1992.
- 92-3 FATTACINI, C.M., JOLAS, T., LANFUMEY, L., KIDD, E.J., GOZLAN, H., **GUARDIOLA-LEMAITRE, B.** and HAMON, M.
Le tertatolol en tant qu'agoniste des récepteurs 5HT1A centraux - Etudes in vitro et in vivo.
Oral presentation.
1er Colloque des Neurosciences.
Strasbourg, 4 - 7 May, 1992.
- 92-4 PODONA, T., GUILLAUMET, G., **GUARDIOLA-LEMAITRE, B.**, PFEIFFER, B. and ADAM, G.
Spiro [2H-1-benzopyran-3-2'-pyrrolidine] substituées : synthèse et propriétés pharmacologiques.
Oral presentation.
Journée de chimie thérapeutique.
Toulouse, July 1992.
- 92-5 **GUARDIOLA-LEMAITRE, B.**, REDMAN, J., MARTINET, L., MORGAN, P., BONNEFOND, C., ARMSTRONG, S. and RENARD, P.
S 20098 : A chronobiotic active on circadian rhythm disorders.
Oral presentation. (by invitation)
11th European Sleep Research Symposium.
Helsinki, July 1992.
- 92-6 SEALE, T., NIEKRASZ, I., TOUBAS, P.L. and **GUARDIOLA-LEMAITRE, B.**
Stereoselective anxiolytic-like action of the 5HT1A agonist S 20499 in a novel murine assay.
Oral presentation.
Behavioural Pharmacology Society Meeting.
Cambridge, August 1992.
- 92-7 REDMAN, J.R. and **GUARDIOLA-LEMAITRE, B.**
The effects of the melatonin analog S 20098, on the rat circadian system.
Poster presentation.
Satellite symposium of the IXth International Congress of Endocrinology - Melatonin and the pineal gland, from basic science to clinical application.
Paris, 6 - 9 September, 1992.
- 92-8 BONNEFOND, C., MARTINET, L., LESIEUR, D., ADAM, G. and **GUARDIOLA-LEMAITRE, B.**
S 20098 : Characterization of a new analog of melatonin.
Poster presentation.
Satellite symposium of the IXth International Congress of Endocrinology - Melatonin and the pineal gland, from basic science to clinical application.
Paris, 6 - 9 September, 1992.
- 92-9 PODONA, T., GUILLAUMET, G., **GUARDIOLA-LEMAITRE, B.**, RENARD, P. and CAIGNARD, D.H.

Substituted 3, 4-dihydro-3-amino-2h-1-benzopyrans : synthesis and pharmacological properties.

Poster Presentation.

XIIIth International Symposium on Medicinal Chemistry.

Basel, 13 - 17 September, 1992.

92-10 DELAGRANGE, P., KOSTER-VAN HOFFEN, G.C., MIRMIRAN, M., BOS, N.P.A., WITTING, W., PFEIFFER, B. and **GUARDIOLA-LEMAITRE, B.**

Effects of S 20242, a melatoninergetic analogue on body temperature rhythms in aged rats.

Oral presentation.

International Obesity Conference.

Geneva, 24 - 26 September, 1992

92-11 **GUARDIOLA-LEMAITRE, B.**

Le S 20098, un analogue de la mélatonine doué de propriétés chronobiotiques.

Oral presentation (by invitation).

Journée de chimie Franco-Belges.

Brussels, 8 - 9 October, 1992.

92-12 MOCAER, E., HAMON, M., FRAZER, A. and **GUARDIOLA-LEMAITRE, B.**

Pre- and postsynaptic effects of S 20499, a potent anxiolytic on 5HT1A receptors.

Poster presentation.

31st Annual A.C.N.P. Meeting.

San Juan, 14 - 18 December, 1992

92-13 **GUARDIOLA-LEMAITRE, B.**, MORGAN, P., BONNEFOND, C., MASON, R., REDMAN, J. and MOCAER, E.

S 20098, a potent melatonin analogue with chronobiotic properties.

Poster presentation.

31st Annual A.C.N.P. Meeting.

San Juan, 14 - 18 December, 1992

93-1 DELAGRANGE, P., **GUARDIOLA-LEMAITRE, B.** and MASON, R.

The effects of the new melatonin receptor agonist S 20098 on rat suprachiasmatic (SCN) circadian clock neurones in vitro.

Poster Presentation.

Sleep Research 22, 1993, p 614

Hawaii, 13 - 17 March, 1993

93-2 DELAGRANGE, P., KOSTER-VAN HOFFEN, G.C., MIRMIRAN, M., BOS, N.P.A., WITTING, W., PFEIFFER, B. and **GUARDIOLA-LEMAITRE, B.**

Re-entrainment effect of a new melatoninergetic analog S 20242 on body temperature rhythms in aged rats.

Poster Presentation

Sleep Research 22, 1993, p. 615

Hawaii, 13 - 17 March, 1993

93-3 DELAGRANGE, P., MASON, R., REDMAN, J., DEFRANCE, R., MOCAER, E. and **GUARDIOLA-LEMAITRE, B.**

Effects of S 20098, a potent melatonin agonist, on rat temperature and activity circadian rhythms.

Poster Presentation.

Sleep Research 22, 1993, p. 616

Hawaii, 13 - 17 March, 1993

93-4 HOWELL, H., MOWAT, E., LAWSON, W.J., DAVIDSON, G., **GUARDIOLA, B.**, DELAGRANGE, P. and MORGAN, P.J.

Potentialisation of forskolin-stimulated cyclic AMP in ovine pars tuberalis cells by naphthalenic ligands.

Poster Presentation.

6th Colloquium of the European Pineal Society.

Copenhagen, 23 - 27 July, 1993.

- 93-5 HOWELL, H.E., **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P. & MORGAN, P.J.
Complex binding of naphthalenic ligands suggests multiple melatonin receptor subtypes in the ovine pars tuberalis.
Poster Presentation.
6th Colloquium of the European Pineal Society.
Copenhagen, 23 - 27 July, 1993.
- 93-6 ENGLISH, J., MOCAER, E., DELAGRANGE, P., **GUARDIOLA-LEMAITRE, B.** and ARENDT, J.
The effect of a melatonin analogue - S 20098 - on adaptation of the endogenous melatonin rhythm to advance phase shift in rats.
Poster Presentation.
6th Colloquium of the European Pineal Society.
Copenhagen, 23 - 27 July, 1993.
- 93-7 MARTINET, L., MOCAER, E. and **GUARDIOLA-LEMAITRE, B.**
Entrainment of rat free-running locomotor activity rhythms by oral administration of S-20098, a melatonin analog.
Poster Presentation.
6th Colloquium of the European Pineal Society.
Copenhagen, 23 - 27 July, 1993.
- 93-8 **GUARDIOLA-LEMAITRE, B.**
Melatonin agonist / antagonist : from the receptor to the therapeutic application.
Oral presentation. (by invitation)
6th Colloquium of the European Pineal Society.
Copenhagen, 23 - 27 July, 1993.
- 93-9 REMY, C., LE BARS, E., DEVOULON, P., DECORPS, M., ROUSSEL, S., LOUBINOX, I., PINARD, E., MERIC, P., SEYLAZ, J., RENAUD DE LA FAVERIE, J.F., DELARGE, J., RENARD, P., MANECHEZ, D. and **GUARDIOLA-LEMAITRE, B.**
Interest of diffusion imaging for pharmacological investigation in focal cerebral ischemia : study of a novel compound S 20390.
Poster Presentation.
12th Annual SMRM scientific meeting.
New York, 14 - 20 August, 1993.
- 93-10 COSSON, C., BIZOT-ESPIARD, J.G., LINDENBAUM, A., BODINNIER, M.C., LESIEUR, D., CAIGNARD, D.H., **GUARDIOLA-LEMAITRE, B.** and LEMONNIER, A.
S-20478 : In vitro and ex vivo activity on oxidized LDL.
Poster Presentation.
62nd EAS Congress.
Jerusalem, 5 - 9 September, 1993.
- 93-11 DELAGRANGE, P. and **GUARDIOLA-LEMAITRE, B.**
New Melatonin Analogues as Chronobiotics.
Oral presentation. (by invitation)
IX Annual Meeting - European Society for Chronobiology.
Bath, 16 - 19 September, 1993.
- 93-12 MOCAER, E., DELAGRANGE, P., PORSOLT, R. D., LENEGRE, A., DEFRANCE, R. and **GUARDIOLA-LEMAITRE, B.**

Search for anxiety and / or depression induced by disruption of circadian rhythms in the rat.

Poster Presentation.

Anxiété - Neurobiologie, Clinique et Perspectives thérapeutiques.

Dinard, 20 - 21 septembre, 1993.

93-13 **GUARDIOLA-LEMAITRE, B.**, LANFUMEY, L., RENARD, P., GUILLAUMET, G., PORSOLT, R. D. and HAMON, M.

5-HT_{1A} antagonist properties of thiochroman derivatives.

Poster Presentation.

ACNP 32nd Annual Meeting.

Honolulu, 13 - 17 December, 1993.

93-14 **GUARDIOLA-LEMAITRE, B.**, RETTORI, M.C., CAIGNARD, D. H., LESIEUR, D., PAYARD, M. and PORSOLT, R.D.

Modulation of the activity of sigma ligands by 5HT_{1A} receptor affinity.

Poster Presentation.

ACNP 32nd Annual Meeting.

Honolulu, 13 - 17 December, 1993.

94-1 **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P.

Melatonin Agonists and Antagonists.

Oral presentation.

Gordon Research Conference on pineal cell biology Casa Sirena Resort.

Los Angeles, 23 - 28 January, 1994.

- 94-2 LE GOUIC, S., DELAGRANGE, P., NIBBELINK, M., **GUARDIOLA-LEMAITRE, B.** and AMBID, L.
Modulation de la mise en place de l'obésité saisonnière chez un rongeur hibernant, le Lérot, par un agoniste (S 20304) et un antagoniste (S 20928) mélatoninergiques.
Oral presentation.
AFERO
Paris, 25 mars 1994.
- 94-3 **GUARDIOLA-LEMAITRE, B.**
Melatonin agonists / antagonists : interest in circadian rhythm disorders and in seasonal disorders.
Oral presentation. (by invitation)
"Melatonin : mechanisms and actions" Banbury Center Conference
Cold Spring Harbor, NY, 10 - 13 April, 1994
- 94-4 DELAGRANGE, P., LE GOUIC, S., MORGAN, P., SUGDEN, D., RENARD, P., LESIEUR, D., AMBID, L. and **GUARDIOLA-LEMAITRE, B.**
Effects of a melatoninergetic antagonist S 20928 or an agonist S 20304 on the seasonal obesity presented by the garden dormouse.
Poster presentation
Society for Research on Biological Rhythms.
Amelia Island, Florida, 4 - 8 May, 1994.
- 94-5 AMBID, L., LE GOUIC, S., DELAGRANGE, P., NIBBELINK, M. and **GUARDIOLA-LEMAITRE, B.**
A single daily administration of melatoninergetic antagonist S 20928 prevents body weight gain induced by decreasing photoperiod in the garden dormouse.
Oral presentation.
26ème congrès du GERB (Groupe d'Etude des Rythmes Biologiques).
Strasbourg, France, 16 - 18 mai, 1994
- 94-6 DELAGRANGE, P., RENARD, P. and **GUARDIOLA-LEMAITRE, B.**
Récepteurs 5HT₃ et anxiété
Oral presentation (by invitation).
Journée de la Société Française d'Ethnopharmacologie : "Anxiété-Dépression et Mémoire".
Strasbourg, France, 19 mai, 1994
- 94-7 RETTORI, M.C., CAIGNARD, D.H. and **GUARDIOLA-LEMAITRE, B.**
Rôle des récepteurs 5HT_{1A} dans l'anxiété.
Oral presentation (by invitation).
Journée de la Société Française d'Ethnopharmacologie : "Anxiété-Dépression et Mémoire".
Strasbourg, France, 19 mai, 1994
- 94-8 BAZIARD-MOUYSSET, C., De SAQUI-SANNES, G., YOUNES, S., LABSSITA, Y., PAYARD, M., CAIGNARD, D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.** and RENARD, P.
Ligands sigma en série aminomethyl chromones.
Oral presentation.
VIIIème Journée Franco-Belge de Pharmacochimie.
Liège, Belgique, 26-27 mai, 1994
- 94-9 **GUARDIOLA-LEMAITRE, B.** and DELAGRANGE, P.
Development of melatonin analogues : agonist / antagonist
Oral presentation. (by invitation)
IVth Erice Pineal Workshop
Erice - Trapani, Sicily, 6 - 13 June 1994

- 94-10 **GUARDIOLA-LEMAITRE, B.**
 Future approaches using melatonin analogues.
 Oral presentation. (by invitation)
"Light and dark as a drug" - Satellite symposium XIX CINP Congress
 Washington DC, June 27 - July 1, 1994
- 94-11 PRUNIER, H., LANCELOT, J.C., RAULT, S., ROBBA, M., **GUARDIOLA-LEMAITRE, B.**, RENARD, P. and ADAM, G.
 Synthesis of Pyrrolothienopyrazines, serotonin ligands.
 Oral presentation.
3rd European Conference of the Medicinal Chemistry Group of the Atlantic Arc
 Cardiff, 3-5 July 1994
- 94-12 AMBID, L., LE GOUIC, S., DELAGRANGE, P., NIBBELINK, M., and **GUARDIOLA-LEMAITRE, B.**
 Modulation of the seasonal obesity in a hibernating rodent, the Garden dormouse, using a melatonergic agonist and an antagonist.
 Oral presentation.
Le Symposium Lavoisier, metabolic fuel selection
 Paris, July 13-16, 1994.
- 94-13 WANG, X., RONDU, F., LAMOURE, A., TOUBOUL, E., PFEIFFER, B., MANECHEZ, D., RENARD, P., **GUARDIOLA-LEMAITRE, B.**, GODFROID, J. J., KTORZA, A. and PENICAUD, L.
 Effect of S 21663 (PMS 812), an imidazoline derivative, on glucose tolerance and insulin secretion in a rat model of II diabetes.
 Poster presentation.
II International Symposium on Imidazoline Receptors.
 New York, 19 - 20 July 1994
- 94-14 AMBID, L., LE GOUIC, S., DELAGRANGE, P., NIBBELINK, M. and **GUARDIOLA-LEMAITRE, B.**
 A single daily administration of melatonergic antagonist S 20928 prevents seasonal obesity presented by the garden dormouse.
 Oral presentation.
7th International Congress on Obesity
 Toronto, Canada, 20 - 25 August, 1994.
- 94-15 RETTORI, M.C., CAIGNARD, D.H., RENARD, P. , TAVERNE, T., LESIEUR, D. and **GUARDIOLA-LEMAITRE, B.**
 S 20396-1 : a potential atypical antipsychotic agent.
 Poster presentation.
Schizophrenia 1994.
 Vancouver, Canada, 21 - 24 août, 1994

- 94-16 **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P.
Melatonin analogues : from pharmacology to clinical application
Oral presentation (by invitation)
"Melatonin agonists / antagonists : clinical perspectives" Satellite of XIIIth International Symposium on Medicinal Chemistry
Paris, 19 - 23 September, 1994
- 94-17 RETTORI, M.C., SCHANEN, V., BONIN, M., QUIRION, J.C., PFEIFFER, B., MISLIN, R., **GUARDIOLA-LEMAITRE, B.**, RENARD, P. and HUSSON, H.-P.
S 20342 (HPH 1155), a non-classical benzamide with anxiolytic-like properties
Poster presentation.
XIIIth International Symposium on Medicinal Chemistry.
Paris, France, 19 - 23 septembre 1994
- 94-18 DEMARQUE, A., AIT MANSOUR, H., DEPREUX, P., LESIEUR, D., RENARD, P., **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P. and ADAM, G.
Pharmacomodulation of the N-acetyl amino group of melatonin and related analogues.
Poster presentation.
XIIIth International Symposium on Medicinal Chemistry.
Paris, France, 19 - 23 septembre 1994
- 94-19 DEMARQUE, A., FOURMAINTRAUX, E., DEPREUX, P., LESIEUR, D., RENARD, P., **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P. and ADAM, G.
Novel aromatic amidic derivatives as melatonin receptor ligands.
Poster presentation.
XIIIth International Symposium on Medicinal Chemistry.
Paris, France, 19 - 23 septembre 1994
- 94-20 CAIGNARD, D.H., LESIEUR, D., DEPREUX, P., RENARD, P., **GUARDIOLA-LEMAITRE, B.**, and DELAGRANGE P.
Structure-activity relationships of melatonin analogues.
Oral presentation.
XIIIth International Symposium on Medicinal Chemistry
Paris, France, 19-23 septembre 1994.
- 94-21 RONDU, F., LE BIHAN, G., WANG, X., LAMOURI, A., TOUBOUL, E., KTORZA, A., PENICAUD, L., PFEIFFER, B., RENARD, P., MANECHEZ, D., **GUARDIOLA-LEMAITRE, B.**, and GODFROID, J.J.
Structure-activity relationships in a series of substituted piperazines potentially active in non- insulin-dependent diabetes mellitus (NIDDM).
Oral presentation.
XIIIth International Symposium on Medicinal Chemistry.
Paris, France, 19-23 septembre 1994.
- 94-22 BAZIARD-MOUYSSET, G., DE SAQUI-SANNES, G., YOUNES, S., LABSSITA, Y., PAYARD, M., CAIGNARD, D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, and RENARD, P.
Sigma ligand in aminomethyl chromones series.
Oral presentation.
XIIIth International Symposium on Medicinal Chemistry
Paris, France, 19-23 septembre 1994.

- 94-23 ARBORATI, M., DENTAN, C., LESIEUR, D., BIZOT-ESPIARD, J.G., **GUARDIOLA-LEMAITRE, B.**, CHAPMAN, J., and NINIO, E.
S20478, a new synthetic antioxydant, protects low density lipoprotein from copper-and cell-mediated oxidation.
Poster presentation.
Symposium on Modified Lipoproteins.
Whistler B.C. October 6-8 1994.
- 94-24 RETTORI, M.C., CAIGNARD, D.H., RENARD, P., GRIEBEL, G., BLANCHARD, R.J., and **GUARDIOLA-LEMAITRE, B.**
Antipanic-like activity of S 21357-1 in mice.
Poster presentation.
24th Annual Meeting - Society for Neuroscience.
Miami Beach, Florida, USA, 13-18 November 1994
- 94-25 NEGRE-SALVAYRE, A., BIZOT-ESPIARD, J.G., **GUARDIOLA-LEMAITRE, B.**, CAIGNARD, D.H., LESIEUR, D. and SALVAYRE, R.
S 20478, a new antioxidant, protects against the toxicity of oxidized LDL on cultured endothelial cells.
Oral presentation.
Xth International Symposium on Atherosclerosis.
Montreal, Canada, October 9-14, 1994.
- 94-26 BAZIARD-MOUYSSET, G., LABSSITA, Y., YOUNES, S., PAYARD, M., CAIGNARD, D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.** and RENARD, P.
Etude de l'affinité d'aminométhyl benzopyrones vis-à-vis des récepteurs opiacés.
Poster presentation.
Journée CRPF de Chimie organique de synthèse.
Castres, France, 6 décembre 1994.
- 95-1 RETTORI, M.C., GARATTINI, S., HAMON, M., PFEIFFER, B., RENARD, P., HUSSON, H.P., **GUARDIOLA-LEMAITRE, B.**
S 20342-1 : a 5-HT biosynthesis modulator with anxiolytic-like properties.
Oral presentation.
Critical Issues in the Treatment of Schizophrenia
Florence, Italy, March 10-12, 1995.
- 95-2 RETTORI, M.C., PFEIFFER, B., GUILLAUMET, G., HAMON, M., MISSLIN, R., PORSOLT, R., **GUARDIOLA-LEMAITRE, B.**
S 21552-1 : a non sedative 5HT1A agonist with anxiolytic and antidepressant-like effects in animals.
Poster presentation.
8th Sardinian Conference on Neuroscience.
Cagliari, Italy, May 24-28, 1995.
- 95-3 LABSSITA, Y., YOUNES, S., BAZIARD-MOUYSSET, G., PAYARD, M., CAIGNARD D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, RENARD, P.
Ligands sigma en séries N-aryl ou N-arylalkylpiperazinométhylchromones
Oral presentation.
Franco-Belges
Lille, France, June 1995.
- 95-4 YOUNES, S., LABSSITA, Y., BAZIARD-MOUYSSET, G., PAYARD, M., CAIGNARD, D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, RENARD, P.
Analogues de la benzylpipérazinométhylchromone: étude de l'affinité vis-à-vis des récepteurs sigma.
Oral presentation.

Franco-Belges
Lille, France, June 1995

- 95-5 COMOY, C., PODONA, T., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, PFEIFFER, B., GUILLAUMET, G.
Dérivés spiro[(3,4-dihydro-2H-1-benzopyran)-3,2'-pyrrolidiniques et piperidiniques] N-substitués: synthèses et activité biologique.
Oral presentation.
31èmes Rencontres Internationales de Chimie Thérapeutique.
Lyon, France, July 4-6, 1995
- 95-6 YOUNES, S., LABSSITA, Y., BAZIARD-MOUYSSET, G., PAYARD, M., CAIGNARD, D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, RENARD, P.
Influence des substituants sur l'affinité vis-à-vis des récepteurs sigma en série benzylpipérazinométhylchromone
Oral presentation.
31èmes Rencontres Internationales de Chimie Thérapeutique,
Lyon, France, July 4-6, 1995
- 95-7 LABSSITA, Y., YOUNES, S., BAZIARD-MOUYSSET, G., PAYARD, M., CAIGNARD, D.H., RETTORI, M.C., **GUARDIOLA-LEMAITRE, B.**, RENARD, P.
Etude de l'affinité vis-à-vis des récepteurs sigma d'aryl et d'aroyl pipérazines en série hétérocyclique oxygénée.
Oral presentation.
31èmes Rencontres Internationales de Chimie Thérapeutique,
Lyon, France, July 4-6, 1995
- 95-8 YING, S.W., **GUARDIOLA-LEMAITRE, B.**, DELAGRANGE, P., RUSAK, B.
Partial antagonism of the effects of melatonin agonists on hamster suprachiasmatic (SCN) neurons.
Poster presentation.
APS Conference ("Understanding the Biological Clock : from Genetics to Physiology").
New Hampshire, USA, July 8-12 1995.
- 95-9 **GUARDIOLA-LEMAITRE, B.**
Melatonin agonists and antagonists - light and dark -
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- 05-01 **GUARDIOLA-LEMAITRE, B** (invited speaker)
Agonistes et antagonistes des récepteurs mélatoninerigues : effets pharmacologiques et perspectives thérapeutiques.
Présentation devant l'Académie nationale de Pharmacie, Paris, France, 6 avril 2005.
- 06-01 **GUARDIOLA-LEMAITRE, B** (invited speaker)
Melatonin receptor agonists in depressive disorders and their treatment.
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Paris, 17 septembre 2006.

- 06-02 GUARDIOLA-LEMAITRE, B (invited speaker)
The pharmaceutical industry and biological rhythms: hopes and expectations.
2ème colloque méditerranéen de neurosciences.
Marrakech, Maroc, 13-15 décembre 2006.
- 07-01 GUARDIOLA-LEMAITRE, B (invited speaker)
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- 07-02 GUARDIOLA-LEMAITRE, B (invited speaker)
Are melatonin receptors relevant for treatment of depressive disorders?
European Frontiers in Neuropsychopharmacology.
Catania, Italie, 25 mai 2007.
- 09-01 GUARDIOLA B (Chairwoman)
Deregulated circadian rhythms and diseases: linking related biochemical targets
XI Congress of the European Biological Rhythms Society.
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- 13.01 D. NACKIEWICZ, M. DAN, A. SALMI, A. CUNNINGHAM, M. SPECK, N. VAN ROOIJEN, B. GUARDIOLA, C. SCHUSTER-KLEIN, J.A. EHSES
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B. GUARDIOLA-LEMAITRE : Rapporteur.

MEMBERSHIP OF SCIENTIFIC SOCIETIES

MEMBRE SOCIETES SAVANTES

- Member of the European Pineal Study Group.
- Member of the Société de Pharmacologie de Langue Française.
- Member of the Serotonin Study Group.
- Member of the Association Claude Bernard.
- Member of the Société de Biologie Française : 1st Prize of the Société de Biologie for the Ph.D. thesis (1981).
- Member of the New York Academy of Sciences. (1987)
- Member of the European Sleep Research Society.
- Member of the European College of Neuropsychopharmacology.

- Member of the Collegium Internationale Neuro-Psychopharmacologicum.
- Founder and former President (1994-1997) of the Melatonin Club.
- Member of the Society for Research on Biological Rhythms.
- Member of the Société Française des Pharmacologues.
- Member of the American Society for Neuroscience
- Member of the International Pharmacoepidemiology Society
- Member of the International Society of Pharmacogenomics
- Member of the Conseil of the Société de Biologie Française

HONONARY TITLE / TITRE HONORIFIQUE

- L'INSTITUT SERVIER: Committee Member 2000-
- Member of the Permanent Executive Committee of the International PASTEUR-WEIZMANN/SERVIER prize 2003-

MISCELLANEOUS / DIVERS

- Interviewed for **Science & Avenir** magazine, June 2000 (see p. 49)
- Interviewed by **France Culture** radio station: "La Mélatonine et Sommeil" (August 2000)
Académie de pharmacie présentation