

COULOMETRY - Neuroscience

- 62 *Pharmacological characterization of monoamine release in the hippocampus : an in vivo microdialysis study.* K. Gariépy, I. Acworth, J. Yu and T. Maher. Presented at the 1992 Society for Neurosciences Meeting Anaheim, CALIFORNIA.
- 63 *Passage of drugs through the blood-brain barrier: simultaneous measurements of their levels and effects on neurotransmitter release using in vivo microdialysis.* I.N.Acworth, K.Gariépy, P. Gamache, J. Yu, and T. Maher. Presented at PBA'93 Baltimore, MD.
- 64 *Monitoring drug levels and their effects on transmitter release in vivo: utility of HPLC ARRAY-ECD analysis and microdialysis sampling procedures.* I.Acworth, K.Gariépy, P. Gamache, J. Yu, E. Ryan, K. Hull, T. Mayer. Presented at the 44th Pittsburg Confere
- 65 *The effects of hydralazine and nitroprusside on striatal monoamine and amino acid neurotransmitter systems: simultaneous measurement of drug, neurochemicals, and metabolites in microdialysis perfusates.* I.Acworth, P. Gamache, J. Yu, E. Ryan and T. Maher.
- 66 *Ultrasensitive measurement of acetylcholine release in the conscious human hippocampus and anesthetized rat striatum using microdialysis.* M. Greaney, D. Marshall, M. During, B. Bailey and I.N. Acworth Presented at the 1992 Society for Neuroscience Meeting
- 67 *Microdialysis in the human brain: extracellular measurements in the thalamus of parkinsonian patients.* B.A. Meyerson, B. Linderoth, H. Karlsson and U. Ungerstedt. *Life Sciences*, Vol 46, p 301-308.
- 68 *Microdialysis techniques for studying brain amino acids in the extracellular fluid : Basic and clinical studies.* Anders Hamberger, Ingemar Jacobson, Sune Larsson, Peter Lönnroth, Britta Nyström and Mats Sandberg. *Microdialysis in the Neurosciences 1991*.
- 69 *In vivo neurochemistry of the conscious human brain : intrahippocampal microdialysis in epilepsy.* Matthew J. During. *Microdialysis in the neurosciences 1991* Chap 19, p 425-443.
- 70 *Microdialysis for metabolic monitoring in cerebral ischemia and trauma: Experimental and clinical studies.* Lars Hillered and Lennart Persson. *Microdialysis in the Neurosciences*. Chap 17, p 389-405.
- 71 *Basal and Amphetamine-induced Asymmetries in Striatal Dopamine Release and Metabolism : Bilateral In Vivo Microdialysis in Normal rats.* SD Glick, JN Carlson, JL Baird, IM Maisonneuve and AE Bullock.
- 72 *Effect of Transient Cerebral Ischaemia and Cardiac Arrest on Brain Extracellular Dopamine and Serotonin as Determined by In Vivo Dialysis in the Rat.* GS Sarna, TP Obrenovitch, T Matsumoto, L Symon and G Curzon.
- 73 *Behavioral Activation in Rats Increase Striatal Dopamine Metabolism Measured by Dialysis Perfusion.* JD Salamone, RW Keller, MJ Zigmond and EM Stricker.
- 74 *Increased Dopamine Release from Striata of Rats After Nigrostriatal Bundle Damage.* WQ Zhang, HA Tilson, KP Nanry, PM Hudson, JS Hong and MK Stachowiak.
- 75 *Effects of Systemic L-Tyrosine on Dopamine Release from Rat Corpus Striatum and Nucleus Accumbens.* MJ During, I Acworth and RJ Wurtman.
- 76 *Effects of Ischemia on the In Vivo Release of Stratal Dopamine, Glutamate and G-aminobutyric Acid Studies by Intracerebral Microdialysis.* MYT Globus, R Busto, WD Dietrich, E Martinz, I Valdes and MD Ginsberg.

COULOMETRY - Neuroscience

- 77 *Concomitant Sensitization of Amphetamine-induced Behavioral Stimulation and In Vivo Dopamine Release from Rat Caudate Nucleus.* S L Patrick, IL Thompson, JM Walker and RL Patrick.
Non
- 78 *Dopamine Depletion in Neonatal Rats : Effects on Behavior and Striatal Dopamine Release Assessed by Intracerebral Microdialysis during Adulthood.* E Casteneda, IQ Whishaw, L Lermer, TE Robinson.
Non
- 79 *Effect of Acute and Daily Neurotensin and Enkephalin Treatment on Extracellular Dopamine in the Nucleus Accumbens.* PW Kalivas and P Duffy.
Non
- 80 *Focal Application of Alcohols Elevates Extracellular Dopamine in Rat Brain : a Microdialysis Study.* KM Wozniak, A Pert, A Mele and M Linnoila.
Non
- 81 *Systemic Administration of Thyrotropin-releasing Hormone Enhances Striatal Dopamine Release In Vivo.* MR Kreutz, I Acworth, H Lehnert and RJ Wurtman.
Non
- 82 *Similar Effects of D-Amphetamine and Cocaine on extracellular Dopamine Levels in Medial Prefrontal Cortex of Rats.* IM Maisonneuve, RW Keller and SD Glick.
Non
- 83 *A Microdialysis Study of the Regulation of Endogenous Nordrenaline Release in the rat Hippocampus.* DN Thomas and RB Holman.
Non
- 84 *Dopamine Release in Rat Striatum : Physiological Coupling to Thyrosine Supply.* MJ During, IN Acworth and RJ Wurthman.
Non
- 85 *Tyrosine : Effects on Catecholamine Release.* IN Acworth, MJ During and RJ Wurtman.
Non
- 86 *In Vivo Release of Endogenous Dopamine, 5-Hydroxytryptamine and Some of their Metabolites from Rat Caudate Nucleus by Phenylethylamine.* BA Bailey, SR Philips and AA Boulton.
Non
- 87 *Differential Effect of Stress on In Vivo Dopamine Release in Striatum, Nucleus Accumbens and Medial Frontal Cortex.* ED Abercrombie, KA Keefe, DS DiFrischa and MJ Zigmond.
Non
- 88 *Effect of D-Fenfluramine on Serotonin Release in Brains of Anaesthetized Rats.* B Laferrere and RJ Wurtman.
Non
- 89 *A Comparison of Axonal and Somatodendritic Dopamine Release Using In Vivo Dialysis.* PW Kaliva and P Duffy.
Non
- 90 *Effects of Flotexine or D-Fenfluramine on Serotonin Release from and Levels in Rat Frontal Cortex .* CF Sarkissian, RJ Wurtman, AN Morse and R Gleason.
Non
- 91 *Interstitial 3-Methoxytyramine Reflects Striatal Dopamine release : An In Vivo Microdialysis Study.* EE Brown, G Damsma, P Cumming and HC Fibiger.
Non

COULOMETRY - Neuroscience

- 92 *Flow Dependent Changes in the Effective Surface Area of Microdialysis Probes.* GM Alexander, JR Non Grothusen and RJ Schwartzman.
- 93 *Extracellular Striatal Dopamine and Its Metabolites During Transient Cerebral Ischaemia.* TP Non Obrenovitch, GS Sarna, T Matsumoto and L Symon.
- 94 *Effects of L-DOPA on Extracellular Dopamine in Striatum of Normal and 6-Hydroxydopamine-treated Rats.* ED Abercrombie, AE Bonatz and MJ Zigmond. Non
- 95 *Effect of Tryptophan on Extracellular Concentrations of Tryptophan and 5-Hydroxyindoleacetic Acid in the Striatum and Cerebellum .* GS Hutson, PH Hutson, MT O'Connell and G Curzon. Non
- 96 *Characterization of Monoamine Release in the Lateral Hypothalamus of Awake, Freely Moving rats Using In Vivo Microdialysis.* FF Matos, H Rollema and AI Basbaum. Non
- 97 *Stimulus-evoked Changes in Neostriatal Dopamine Levels in Awake and Anesthetized Rats as Measured by Microdialysis.* JM Tepper, I Creese and DH Schwartz. Non
- 143 *Improved Method for the Routine Analysis of Acetylcholine Release in Vivo: Quantification in the Presence and Absence of Esterase Inhibitor.* M. Greaney, D. Marshall, B. Bailey and I. Acworth, *Journal of Chromatography*, 622 (1993), 125-135. Oui
- 145 *Simultaneous Measurement of Monoamines, Amino Acid and Drug Levels, Using HPLC and Coulometric Array Technology: Application to in Vivo Microdialysis Perfusate Analysis.* I. Acworth, E. Ryan, P. Gamache and T. Mayer. Oui
- 147 *Multi-Electrode Detection Systems for Determination of Neurotransmitters.* M. Naoi, W. Maruyama, I. Acworth, D. Nakahara and H. Parvez. 39 pages. Oui
- 149 *Cholinesterase Inhibitor Effects on Extracellular Acetylcholine in Rat Striatum.* E. Messamore, N. Ogan and E. Giacobini, *Neuropharmacology*, Vol. 60 1993. Oui
- 150 *Anaesthesia Effects on in Vivo Acetylcholine Transmission; Comparisons of Radioenzymatic and HPLC Assays.* R. Bertorelli, A. Hallstrom, Y. Hurd, A. Karlsson, S. Consolo and U. Ungerstedt, *European Journal of Pharmacology*, 175 (1990), 79-83. Oui
- 151 *A Microdialysis and Automated on Line Analysis Approach to Study Central Cholinergic Transmission in Vivo.* G. Damsma and B. Westerink, *Microdialysis in the Neurosciences*, 1991. Oui
- 152 *Improvements in the Measurement of Acetylcholine Release using Microdialysis and Electrochemical Detection.* M. Greaney, D. Marshall, B. Bailey, I. Acworth and M. During. Oui
- 166 *Biphasic Striatal Acetylcholine Release During and After Transient Cerebral Ischemia in Gerbils.* N. Bertrand, H. Ishii, A. Beley, M. Spatz. *J.Cereb.Blood.Metalu Press*, 23 pages. Oui
- 171 *Evaluation of a New Method for Urinary Free catecholamines by Solid Phase Extraction and Liquid Chromatography.* G. Grossi, A.M. Bargossi and G. Sprovieri, *Chromatographia* Vol. 36, p 110-114 (1993). Oui

COULOMETRY - Neuroscience

- 173 *The Use of Coulometric Analysis in the Neurosciences, I. Acworth, Symposium "Microdialyse",*
Oui *Eurosep Instruments, Juin 1993.*
- 174 *Multi-Electrode Array Detectors in High Performance Liquid Chromatography: A New dimension in*
Oui *Electrochemical Analysis, C. Svendsen, Analyst. Vol. 118, Feb. 1993.*
- 176 *Urine Metanephrines Using the CEAS, ESA, (1993), 39 pages.*
Oui
- 181 *Simultaneous Measurement of Monoamines, Metabolites and Amino Acids in Brain Tissue and*
Oui *Microdialysis Perfusates, P. Gamache, E. Ryan and C. Svendsen, J. Chromatogr., 614, 213-220,*
(1993).
- 182 *Presentation de la Microdialyse, A. Acworth, Symposium "Microdialyse", Eurosep Instruments,*
Oui *June 1993.*
- 183 *Seizure Related Elevations of Extracellular Amino Acids in Human Focal Epilepsy, H. Carlson, E.*
Oui *Ronne-Engström, U. Ungerstedt and L. Hillered, Neurosciences Letters, 140, (1992), 30-32.*
- 186 *Application of the Dual-Cell Coulometric Detector : a Method for Assaying Monoamine and Their*
Oui *Metabolites-G.Achilli, C.Perego & F.Ponzio-Analytical Biochemistry 148 (1985), PP.1-9.*
- 187 *Functionnality of Permanently Implanted Microdialysis Probes Coupled To An-line*
Non *Chromatographic System Analysis, C.Gerin and A.Privat, 6th Int.Conf. on In Vivo Methods,*
Seignosses, 1994.
- 188 *Long Term Measurement Of Extracellular Dopamine By Microdialysis In Freely Moving Rats, R.*
Non *Martin-Fardon, A.Privat and J.Vignon, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 189 *Is It Possible To Use microdialysis Probe Reinsertion At the Same Site In Experimental Cerebral*
Non *Ischemia? S.Thaminy, D.Bentué-Ferrer, E.Bellisant, J.M.Reymann and H.Allain, 6th Int.Conf. On In*
Vivo Methods, Seignosses, 1994.
- 190 *Coupling Beetween Neurotransmitter Release And Electrophysiological Activity, ED. Abercrombie,*
Non *M.J. Heeringa, P. Deboer, K. Keefe and M.J. Zigmond, 6th Int.Conf. on InVivo Methods,*
Seignosses, 1994.
- 191 *Characterization Of Local Drug Perfusion And Dopamine Sampling Using Quantitative*
Non *Microdialysis, A.P. Newton and J.B. Justice, 6 th Int. Conf. On In Vivo Methods, Seignosses, 1994.*
- 192 *Microdialysis Studies On Serotonine Uptake, R.J. Olson Cosford, A.P. Newton and J.B. Justice, 6th*
Non *Int. Conf On In Vivo Methods, Seignosses, 1994.*
- 193 *The Use Of Quantitative Microdialysis To Study The Dynamics Of Glucose, Lactate And Ascorbate*
Non *In Rat Brain, M. Fillenz, M.G. Boutelle, L. Fellows, A. Fray and M. Miele, 6th Int. Conf. on In Vivo*
Methods, Seignosses, 1994
- 195 *Investigation Of Putative D3 Receptor Agonists In The Autoreceptor Regulation Of Dopamine*
Non *Synthesis In Vivo, L. Thorn, M. Coldwell and V. Storey, 6th Int. Conf. on In Vivo Methods,*
Seignosses, 1994.

COULOMETRY - Neuroscience

- 196 *Modulation Of Mesolimbic, Mesocortical and Nigrostriatal Dopamine Synthesis By Dopamine D3 Autoreceptor : Influence Of The Novel, Selective D3 Agonist, S. 14297, A. Gobert, J.M. Rivet and V. Audinot, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 197 *Modulation By Dopamine D3 Autoreceptors Of Mesolimbic And Nigrostriatal Dopamine Release : Influence Of The Novel, Selective D3 Agonist, S 14297, J.M. Rivet, A. Gobert, L. Cistarelli and V. Audinot, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 198 *The Correlation Between The Biochemical And The Behavioural Effects Of The Putative D3 Receptor Agonist 7-OH-DPAT In Freely Moving Rats, P. Enrico, G. Damsma, B.H. Westeroing and P. Deboer, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 199 *Effect Of Chronic N-[1-(2-Benzo(b)Thiophenyl) Cyclohexyl]Piperidine (BTCP) On Extracellular Dopamine Concentration : A Microdialysis Study, R. Martin-Fardon, Jm.Kamenka, W. Koek, A. Privat and J.Vignon, 6th Int. Conf. on In Vivo Methods, Seignosses 1994*
- 200 *Selective Actions Of The Novel Atypical Antipsychotic Drug Amperozide On Dopamine Transmission In The Mesolimbocortical Dopaminergic System, GG. Nomikos, MM. Marcus, A. Malmerfelt and TH. Svensson, 6th Int. Conf. on In Vivo Methods, Seignosses 1994.*
- 201 *Dopamine Release In Anterior Medial Striatum Is Controlled By The Prefrontal Cortex : Evidence For Tonic And Phasic Modulation, M. Karreman and B. Moghaddam, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 202 *Indastriatal Taurine And GABA Increase Striatal Dopamine Concentration In A Tetrodotoxin Manner In Vivo, M. Makinen and L. Athee, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 204 *The Role Of Nucleus Accumbens Dopamine And Excitatory Amino Acids In The Expression Of Cocaine-Induced Behavioral Sensitization, RC. Pierce and PW. Kalivas, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 205 *Mechanism Of Action Of Amphetamin As Studied By Dopamine And Ach Microdialysis, c-fos Expression And Behavior, C. Cadoni, S. Consolo and G. Di Chiara, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 206 *Effect Of Repeated Cocaine, Amphetamine And Potassium Evoked Increases In Extracellular Dopamine Levels Of Medial Prefrontal Cortex, BA. Sorg, DL. Davidson, BM. Prasad and PW. Kalivas, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 208 *Modulation Of Mesolimbic Dopamine Release By Endogenous Opioids : Role In Drug-Induced Sensitization And Dependence, TS. Shippenberg, R. Spanagel and C. Heidbreder, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 210 *Auto-Oxidation Of Dopamine And Formation Of Free Radicals On In Vivo, CC. Chiueh, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 211 *Effect Of Two New Catechol-O-Methyltransferase Inhibitors On Extracellular Levels Of Dopamine And Its Metabolites In Rat Striatum, A. Napolitano and M. Da Prada, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 213 *In Vivo Characterization Of The Biotransformation Of L-DOPA In Striatum Of Hemi-Parkinson Rats Studied By Microdialysis, S. Sarre, P. Herregodts, G. Ebinger and Y. Michotte, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*
- 214 *In Vivo Microdialysis Study Of Effects Of Calcitonin Gene-Related Peptide (CGRP) On Rat Striatal Dopamine Release, A. Kovacs, E. Papp and G. Telegdy, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.*

COULOMETRY - Neuroscience

- 216 *The Effect Of W-Conopeptides On Transmitter Release In Vivo*, IA. Pullar, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 217 *Hypotension-Induced Striatal Dopamine Release : A Microdialysis Study*, J. yu, IN. Acworth and T.J. Maher, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 218 *Involvement Of Dopaminergic Pathways In Narcosis And HPNS. A Field Of Application For Microdialysis*, JJ. Risso, A. Saget and M. Barthelemy-Requin, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 219 *Early Effects Of Gamma-Irradiation On Dopamine Release Studied By In Vivo Intracerebral Dialysis In Awake And Freely Moving Rat*, S. Martin, C. Martin, L. Sauvet, P. Fontanille and M. Fatome, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 221 *Microdialysis Of Nucleus Accumbens Dopamine During Cocaine Self-Administration With One-Minute Resolution*, WB. Burnette, RA. Wise, K. Leeb, AP. Newton, P. Pocock and JB. Justice, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 222 *Microdialysis And Electrochemical Measurements Of Extracellular Dopamine During Intravenous Self-Administration Of D-Amphetamin In Rats*, CD. Blaha, P. Di Ciano, A. Coury and AG. Phillips, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 223 *The Use Of In Vivo Microdialysis To Evaluate The Role Of Dopamine In The Reinforcing Effects Of Drugs*, SE. Hemby, TJ. Martin, HM. Davies, SI. Dworkin and JE. Smith, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 224 *Morphine- Induced Locomotor Activity And Dopamine Overflow In The Nucleus Accumbens In Lewis And Fisher 344 Inbred Rat Strains : A Comparative Study*, E. Ambrosio, TS. Shippenberg and G.Elmer, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 225 *Microdialysis Studies On The Role Of Nucleus Accumbens Dopamine In Conditioning*, AM. Young, RL. Upton, RG. Ahier and MH. Joseph, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 226 *Dissociations Between Cortical And Striatal Dopamine Release During The Acquisition And Extinction Of Pavlovian Aversive Conditioning*, LS. Wilkinson, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 227 *Glutamatergic Control Of Conditioned Dopamine Release In The Rat Nucleus Accumbens*, N. Saulskaya and CA. Marsden, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 228 *The Effects of Exercise On Neurotransmission In Rat Striatum, A Microdialysis Study*, R. Meeusen, Non S. Sarre, Y. Michotte, G. Ebinger and K. De Meirleir, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 229 *Comparison Of Dopamine, Its Metabolites And 5-Hydroxyindolacetic Acid In The Caudate Nucleus Of Stereotyping And Non-Stereotyping Bank Voles By Means Of Microdialysis*, I. Vanderbroek and F. Odberg, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 230 *Effects Of Cholecystokinin On Behavior And Dopamine Release In The Nucleus Accumbens Of Rats As Studied By Microdialysis*, N. Ladurelle, BP. Roques and V. Dauge, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 231 *Interactions Between Serotonin And Dopamine Release In The Hippocampo-Accumbens Pathway In The Relation To Overattention In Schizophrenia*, P. Boulenguez, SN. Mitchell, J.Chauveau and JA. Gray, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.

COULOMETRY - Neuroscience

- 232 *Microdialysis And Neuropharmacology Of 5-HT Transmission*, T. Sharp, R. Mc Quade, S. Gartside,
Non V. White and M. Hajos, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 233 *Microbore Liquid Chromatography With Dual Electrochemical Detection For The Determination Of
Non Serotonin And 5-Hydroxyindolacetic Acid In The Brain Dialysates*, S. Sarre and Y. Michotte, *J. of
Chromatography*, 582, 29-34 (1992).
- 234 *Effect Of L-Tryptophan And L-Tryptophan Analogues On The Extracellular Concentrations Of 5-HT
Non And 5-HIAA In The Hippocampus Of The rat Using Microdialysis*, K. Thorre, S. Sarre and Y.
Michotte, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 235 *Effects Of The (S)Way 100135 On The 5-HT Levels In The Ventral Hippocampus Of
Non Anaesthezied Rat Measured By In Vivo Microdialysis*, MB. Assie and W. Koek, 6th Int. Conf. on In
Vivo Methods, Seignosses, 1994.
- 236 *Comparative Study Of The In Vivo Effects Of Some 5-HT Antagonists On 5-HT_{1D} Autoreceptors As
Non Determined By The Release Of 5-HT From The Substantia Nigra Of Freely Moving Guinea-Pigs*,
C. Moret, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 237 *Microdialysis Studies With The Centrally Selective 5-HT_{1D} Agonist CP-135, 807*, H. Rollema, AW.
Non Schmidt, JE. Macor and DW. Schulz, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 238 *Extracellular Concentrations Of Serotonin In The Dorsal Hippocampus After Acute And Chronic
Non Treatment With Citalopram : A Comparison With Frontal Cortex*, R. Invernizzi and R. Samanin, 6th
Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 239 *Chronic Treatment Facilitates The Effect Of Serotonin Uptake Inhibitors On Cortical Serotonin
Non Output*, R. Samanin, M. Brameente and R. Invernizzi, 6th Int. Conf. on In Vivo Methods,
Seignosses, 1994.
- 240 *Effects Of Chronic Treatment With BMS-181101 And Fluoxetine On Extracellular Serotonin In
Non Guinea-Pig Frontal Cortex*, FF. Matos, C. Urban, AS. Eison and F. Yocca, 6th Int. Conf. on In Vivo
Methods, Seignosses, 1994.
- 241 *Elevation Of Hippocampal 5-HT Release In The Rat By The Selective 5-HT_{1A} Receptor
Non Antagonist, Way-100635, Is Dependent On The Phase Of The Light Dark Cycle*, J. Gurling, C.
Shilliam and C. Routledge, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 242 *Serotonin And Behavior : In Vivo Assessment Of Pre And Post-Synaptic Mechanisms*, AK.
Non Cadogan, DA. Kendall, H. Fink and CA. Marsden, 6th Int. Conf. on In Vivo Methods, Seignosses,
1994.
- 243 *The effect Of Treadmill Running On Brain Serotonin (5-HT)*, W. Wilson and CA. Marsden, 6th Int.
Non Conf. on In Vivo Methods, Seignosses, 1994.
- 244 *Endogenous Serotonin Is Not Involved In The Enhancement Of Striatal Dopamine Release Induced
Non By D-Fenfluramine In Vivo*, P. De Deurwaerdere, N. Bonhomme, M. Le Moal and U. Spampinato,
6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 245 *On The Mechanism Of The Increase Of Extracellular Dopamine In The Prefrontal Cortex By
Non Fluoxetine And Desipramine : Differential Role Of Local 5-HT₃ Receptors*, G. Tanda, R. Frau and
G. Di Chiara, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 246 *Evidence For 5-HT₄ Receptor Subtype Involvement In The Enhancement Of Striatal Dopamine
Non Release Induced By Serotonin In Vivo*, N. Bonhomme, P. De Deurwaerdere, M. Le Moal and U.
Spampinato, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.

COULOMETRY - Neuroscience

- 247 *Comparative Modulation Of Striatal Serotonin, Striatal Dopamine And Hippocampal Noradrenaline Synthesis By 5-HT1A Ligands*, A. Gobert, JM. Rivet and MJ. Millan, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 249 *Facilitation Of Brain Acetylcholine Release In Vivo By Serotonin 5-HT3 And 5-HT4 Receptor Subtype Selective Drugs*, H. Ladinsky, S. Arnaboldi, G. Baldi and S. Consolo, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 250 *5-HT3 Receptor Mediated Inhibition Of K+ Evoked Release Of Acetylcholine From Cortex Of Freely Moving Rats*, MG. Giovanni, A. Mundula, G. Pepeu and P. Baldina, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 251 *Acetylcholine Release In The Rat Cortex In Vivo : Augmentation By Alpha-2 Adrenoreceptor Antagonist (+) Efaroxan*, S. Tellez, FC. Colpaert and MR. Marien, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 252 *Modulation Of Acetylcholine Release In The Ventral Striatum By Histamine Receptors*, H. Prast, H. Fisher and A. Philippu, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 253 *Nitric Oxide Is A Modulator Of Acetylcholine And Glutamate Release In The Ventral Striatum*, H. Prast, H. Fisher, K. Grass and A. Philippu, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 254 *Glutamatergic Modulation Of Acetylcholine Output From Different Brain regions Of The Rat In Vivo*, MG. Giovanni, A. Mundula, F. Camilli and G. Pepeu, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 256 *Determination Of Acetylcholine In The Femtomolar Range By Means Of HPLC, A Post Column Enzyme Reactor And Electrochemical Detection*, G. Damsma, B. Westering and A. Horn, *Chromatographia*, 24, 827-831 (1987).
- 257 *Enhancement Of Hippocampal Acetylcholine Synthesis And Release By Nicotinamide*, A. Koppen, J. Klein, C. Erb and K. Loffelholz, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 258 *Regulation Of Hippocampal Acetylcholine Release By The Adenosine A1 Receptor : A Major Target For Central Effects Of Caffeine*, AJ. Carter, W. O'Connor, MJ. Carter and U. Ungerstedt, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 259 *Chronic Treatments With Cerebral Activators Increase Acetylcholine Release In Rat Frontal Cortex Using A Microdialysis Approach*, T. Kato, JK. Liu, T. Yamaguchi, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 260 *Forebrain Acetylcholine Release : Regulation By Dopamine And Increases During A Behavioural Task*, JC. Day, FM. Inglis and HC. Fibiger, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 262 *Cholinergic Grafts And Behaviour As Studied With Microdialysis*, OG. Nilsson, G. Leanza and A. Bjorklund, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
- 263 *Acetylcholine And Choline In Neuronal Tissue Measured By HPLC With Electrochemical Detection*, J. Neurochem., 41, 188-194 (1983).
- 264 *Modulation Of The Extracellular Levels Of GABA And Glutamate In Rat Striatum By Means Of Local Administration Of Uptake Inhibitors And After decortication*, I. Smolders, Y. Michotte and G. Ebinger, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.

COULOMETRY - Neuroscience

- 265 *Effects Of Generalised Seizures On The In Vivo Release Of Amino Acid Neurotransmitters In Rat Hippocampus*, HL. Rowley, KF. Martin and CA. Marsden, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
Non
- 266 *A Highly Sensitive Method For The Detection Of Brain Amino Acids Using HPLC With Electrochemical Detector*, Brit. J. Pharmacol., 111, 203 pages (1994).
Non
- 267 *Possible Mechanisms For The Stress-Induced Activation Of Extracellular Dopamine And Excitatory Amino Acids*, B. Moghaddam, HP. Jedema and ML. Bolinao, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
Non
- 270 *Modifications Of Catecholaminergic Metabolism In The Rat Locus Coeruleus Induced By Halothane Anaesthesia : A Microdialysis Study*, F. Robert, C. Ortemann, B. Renaud and L. Lambas-senas, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
Non
- 271 *Activation Of Noradrenergic Neurons In The Locus Coeruleus By Corticotropin-Releasing Factor : A Microdialysis Study*, C. Schulz, M. Kretz and H. Lehnert, 6th Int. Conf. on In Vivo Methods, Seignosses, 1994.
Non
- 273 *Rapid Measurement Of The Monoamine Content In Small Volumes Of Rat Plasma*, F. Cheng, J. Kuo, L. Chia and C. Chen, J. Of Chromatography, 654, 177-183 (1994).
Oui
- 283 *Dorsal And Ventral Dopaminergic Innervation Of The Spinal Cord : Fonctionnal Implications*.
Oui *Jeanne Weil-Fugazza & Françoise Godefroy. Brain Research Bulletin, Vol. 30, p.319-324, 1993.*
- 284 *Dopamine As A Trace Amine In The Dorsal Root Ganglia*. J. Weil Fugazza, B. Onteniente, G. Audet & E. Phillipe. *Neurochemical Research, Vol.18, p. 965-969, 1993.*
Oui
- 285 *Neurotransmitters In Basal Ganglia And Cortex Of Alzheimer's Disease With And Without Lewy Bodies*. P.J. Langlais, L. Thal, L. Hansen, D. Galasko, M. Alford, E. Masliah. *Neurology In Press, Vol 43, p. 1921-1943, 1993.*
Oui
- 295 *Further Evidence For The Involvement Of The Diencephalodopaminergic System In Pain Modulation : A Neurochemical Study On The Effect Of Morphine In The Arthritic Rat*. J. Weil-Fugazza & F. Godefroy. *Int. J. Tiss. Reac. XIII (6) 305-310 (1991).*
Oui
- 296 *Simultaneous Measurement Of Tryptophan And Its Metabolites Kynurenine And Serotonin, In The Superficial Layers Of The Spinal Dorsal Horn. A Study In Normal And Arthritic Rats*. F.Godefroy, W.R.Matson, P.H.Gamache & J.Weil-Fugazza. *Brain Research 526 (1990)*
Oui
- 298 *Effect Of Aging On Dopamine Metabolism In The Rat Cerebral Cortex : A Regional Analysis*.
Oui *F.Godefroy, MH. Bassant, Y.Lamour & J.Weil-Fugazza. Journal Of Neural Transmission (1991) 83, p 13-24.*
- 299 *Modulation Of Mesolimbic Dopamine Release By The Selective Dopamine D3 Receptor Antagonist, (+)-S 14297*. JM. Rivet, V. Audinot, Alain Gobert, JL. Peglion & MJ. Millan. *European Journal Of Pharmacology 265, (1994) 175-177.*
Oui
- 306 *The Real time Measurement of Glutamate in vivo using a Dialysis electrode - P Galley, M Boutelle, M Errington, J Albery, J Jeffreys, M Fillenz and T Bliss - Satellite Symposium on Neuroscience and Technology- LYON nov 1992*
Oui
- 307 *A Dialysis Electrode for in vivo Monitoring - WJ Albery, TVP Bliss, MG Boutelle, ML Errington, M Fillenz, PT Galley and JGR Jefferys*
Oui

COULOMETRY - Neuroscience

- 308 *Monoamine Interactions Measured by Microdialysis in the Ventral Tegmental Area of rats Treated Systemically with (+)-Hydroxy-2-(Di-n-Propylamino) tetralin.* NH Chen and MEA Reith. *Journal of Neurochemistry* - Vol 64 -N°4,1995 p 1585
Oui
- 316 *Automated analysis of urinary catecholamines by HPLC and on-line sample pretreatment -*
Oui A.Pastoris, L.Cerutti, R. Sacco, L. De Vecchi and A. Scaffi -*J. of Chromatog. B* 664 (1995), P.287-293
- 320 *Short-term effects of octreotide on blood pressure and plasma catecholamines and neuropeptide Y levels in patients with pheochromocytoma : a placebo-controlled trial -* PF Plouin and Col. - *Clinical Endocrinology* (1995) 42, 289-294.
Oui
- 325 *Catecholamines. Mini-Rewiew-Achilli- ESA*
Oui
- 330 *Eosinophilia-Myalgia Syndrome : Analysis Of Control And Contaminated Tryptophan Supplements- EC Array Brief- ESA, Chelmsford, USA.*
Oui
- 334 *Monoamine Interactions Measured By Microdialysis In The Ventral Tegmental Area Of Rats Treated Systemically With(+)- 8-Hydroxy-2(Di-n-Propylamino) Tetralin- Nian Hang Chen, Marteen EA Reith- J.Neurochemistry, Vol.64, 1585-1597 (1995).*
Non
- 335 *Regional Levels Of Lactate And Norepinephrine After Experimental Brain Injury-M. Renuka Prasad, C. Ramaiah, TK McIntosh, RJ Dempsey, S. Hipkens and D. Yurek- J. Neurochemistry, Vol.63, 1086-1094 (1994).*
Non
- 353 *Détermination De l'Homocystéine Plasmatique Par CLHP Couplée à Une Détection Coulométrique. Intérêt Dans l'Evaluation du Risque Cardiovasculaire- L.Le Bott, K.Demuth, G.Kerharo, T. Soni, J. Myara- Journée Du Stress Oxydant.*
Oui
- 355 *Détermination Du Rapport L-DOPA/L-Tyrosine Comme Marqueur De L'Evolution Du Mélanome Malin : Premiers Résultats-S. Letellier, JP. Garnier, M. Baccard, J. Spy, B. Bousquet- Act. Pharm. Biol. Clin. 1995,8, 346-351.*
Oui
- 356 *Tyrosine And Tryptophan Derivatives In Pig Lumbar Cerebrospinal Fluid : Effects Of Subchronic Administration Of Dopa Associated With Benzeraside- S.Bantig, G.Achilli, A.Bantig, D. Le Bars and J.Weil-Fugazza- In Press in "Progress in Tryptophan Research".*
Oui
- 357 *Coulometric Electrochemical Detection Of Hydroxyproline Using 7-Chloro-4-Nitrobenzo-2-Oxa-1,3-Diazole - R.W.Welch, I. Acworth, M. Levine - National Institutes Of Health, Bethesda, USA;*
Oui
- 361 *Functional Correlates Of Dopamine D3 Receptor Activation In the Rat In Vivo And Their Modulation By the Selective Antagonist, (+)-S 14297 - A. Gobert, J.M Rivet, V. Audinot - Journal Of Pharmacology And Experimental Therapeutics, Vol.275, N°2.*
Oui
- 362 *Extracellular Dopamine, Norepinephrine, And Serotonin In The Nucleus Accumbens Of freely Moving Rats During Intracerebral Dialysis With Cocaine And Other Monoamine Uptake Blockers - M.Y.Li, Q.S.Yan, L.L.Coffey, M.A.Reith - J. Of Neurochem., Vol.66, 1996.*
Oui
- 364 *L-3,4-Dihydroxyphenylalanine Increases the Quantal Size Of Exocytotic Dopamine Release In Vitro - E.Pothos, M. Desmond and D.Sulzer - Journal Of Neurochemistry, Vol 66, p.629-636, 1996.*
Oui
- 365 *Estrogen Alters MPTP-Induced Neurotoxicity In Female Mice : Effects On striatal Dopamine Concentrations And Release - D.E. Dluzen, J.L. McDermott, B.Liu - Journal Of Neurochemistry, Vol 66, p.658-666, 1996.*
Oui

COULOMETRY - Neuroscience

- 366 *Increased Neostriatal Tyrosine Hydroxylase During Stress : Role Of Extracellular Dopamine And excitatory Amino Acids* - S.L. Castro, A.F. Sved and M.J. Zigmond - *Journal Of Neurochemistry*, Vol.66, p.824-833, 1996.
- Oui
- 367 *Serotonin Metabolism And Release In Frontal Cortex of Rats On A Vitamin E-Deficient Diet* - K.E.Helsop, M.A. Gross-Sampson, D.P.R. Muller, G. Curzon - *Journal Of Neurochemistry*, Vol.66, p.860-864, 1996.
- Oui
- 514 *Column-Switching Solid-Phase Trace-Enrichment HPLC Method For Measurement Of Buprenorphine And Norbuprenorphine In Human Plasma And Urine By Electrochemical Detection* - F. Schleyer, R. Lohmann, C.Rolf, A.Gralow - *J. of Chromato.*, 614 (1993) 275-283.
- Oui
- 515 *Determination Of Indoles In Human Rat Pineal* - G.M. Anderson, J.G. Young, D.J. Cohen, S.N. Young - *J. Of Chromatography*, 228 (1982) 155-162.
- Oui
- 526 *Supra-Coulometric Electrochemical Detection of Catecholamines at Sub-5 FG Levels* - J.K. Cullison, M. L. Bowers and I.N. Acworth - *Pittsburgh Conference* - 1996
- Oui
- 531 *Urinary Metanephrine and Normetanephrine determined without Extraction by Using Liquid Chromatography and Coulometric Array detection* - P. Gamache, M. Kingery, I.A. Acworth - *Clinical Chemistry*, Vol.39, N°9, 1993, 1825-1830
- Oui
- 538 *Circulating Chromogranin A and Catecholamins in Human Fetuses at Uneventful Birth* - A.Moftaquir-Handaj, F. Barbe, D. Aunis and JM. Boutroy - *Pediatric Research* Vol. 37, N°1, 1995,101-105
- Oui
- 539 *Serotonin Enhances Striatal Dopamine Outflow In Vivo through Dopamine Uptake Sies* - P. De Deurwaerdère, N. Bonhomme, G. Lucas M. Le Moal and U. Spampinato - *J. of Neurochem.* Vol. 66, 1996,210-215
- Oui
- 551 *Stability of 3,4 dihydroxyphenylacetic acid in plasma extracts assayed by High Performance Liquid Chromatography with electrochemical detection* - *Journal of Chromatography B*, 669 (1995) 413-415 - M.Candito.
- Oui
- 552 *Plasma Catecholamine Assays : Calibration with Spiked Plasma versus Aqueous Solutions* - *Biomedical Chromatography*, Vol.10, 40-42 (1996) - M.Candito.
- Oui
- 553 *High-Performance liquid chromatography measurement of Cerebrospinal fluid tetrahydrobiopterin, neopterin, homovanillic acid and 5 Hydroxindoleacetic acid in Neurological diseases* - *Journal of Chromatography B*, 657 (1994) 61-66 - P. Chambon et M. Candito.
- Oui
- 585 *Identification and Determination of 3,4 Dihydroxyphenylaldehyde (Dopald), the Dopamine Metabolite in in-vivo Dialysate from rat striatum* - A. Colzy - *J. Neurochem.* vol.66, 1510-1517 (1996) -ABSTRACT
- Non
- 587 *Neurochemical effects following peripheral administration of Tetrahydropterin Derivatives to the hph-1 mouse* - MP. Brand - *J. Neurochem*, vol.66, 1150-1156 (1996) - ABSTRACT
- Non
- 588 *Analysis of overlapped Chromatographic Peaks by multichannel electrochemical Detection* - G. Cao - *J. of Chromatogr.*, vol.722, 151-156 (1996) - ABSTRACT
- Non
- 592 *New Sensitive method for the Determination of Hydrochlorothiazide in human serum by high performance liquid chromatography with electrochemical Detection* - K. Richter - *J. of Chromatogr.* vol.729, 293-296 (1996) - ABSTRACT
- Non

COULOMETRY - Neuroscience

- 638 *Determination of Sumatriptan Succinate in Human Plasma by HPLC with Coulometric Detection and utilization of solid phase extraction* - M. Franklin, J. Odontiadis, EM. Clement - *J. Chromatogr.* 681, 416-420 (1996) - Abstract.
- 639 *Tetrahydrobiopterin and Biogenic Amine Metabolism in the hph-1 Mouse* - K. Hyland, RS. Gunasekera, T. Engle, LA. Arnolds - *J. Neurochem.* 67, 752-759 (1996) - Abstract.
- 640 *Reference Values of Neuroactive amino acids in the Cerebrospinal Fluid by HPLC with Electrochemical and Fluorescence Detection* - V. Rizzo, A. Anesi, L. Montalbetti, G. Bellantoni, R. Trotti - *J. of Chromatogr. A.* 729, 181-188 (1996) - Abstract.
- 641 *Kynurenine Disposition in Blood and Brain of Mice : effects of selective inhibitors of Kynurenine Hydroxylase and of Kynureninase* - A. Chiarugi, R. Carpenedo, F. Moroni - *J. Neurochem.* 67, 692-698 (1996) - Abstract.
- 644 *Tetanus Toxin-induced effects on Extracellular amino acid levels in Rat Hippocampus : an In Vivo Microdialysis study* - P. Britton, PS. Whitton, LJ. Fowler, NG. Bowery - *J. Neurochem* 67, 324-329 (1996) - Abstract.
- 645 *Stress and reward-induced increase in extracellular dopamine in mesocortical and mesolimbic neurons : role of glutamatergic afferents to the VTA* - BHC. Westerink, M. Bouma, P. Enrico - *Proceeding of the 7th Int. Conf. on In Vivo Methods*, 321-322 (1996).
- 646 *Synergistic and Antagonistic effects of NMDA-receptor antagonists and D,L-amphetamine : A Combined behavioural and neurochemical study* - UO. Kronthaler, BD. Kretschmer - *Proceeding of the 7th Int. Conf. on In Vivo Methods*, 272-273 (1996).
- 647 *Passage of non-steroidal dietary estrogens through the blood-brain barrier* - PH. Gamche, TJ. Maher, IN. Acworth - *Proceedings of the 7th Int. Conf. on In Vivo Methods*, 265-266 (1996).
- 648 *Endogenous glutamate, through NMDA and AMPA receptors, differentially mediates increases in dopamine, GABA, and taurine in striatum of the freely moving rat* - G. Segovia, F. Mora - *Proceedings of the 7th Int. Conf. on In Vivo Methods*, 251-252 (1996).
- 649 *Buspirone selectively potentiates fluoxetine-induced dopamine and noradrenaline, but not serotonin, release in the frontal cortex of freely-moving rats* - A. Gobert, MJ. Millan - *Proceedings of the 7th Int. Conf. on In Vivo Methods* 238-239 (1996).
- 650 *5-HT_{1A} receptors blockade and desensitization facilitates fluoxetine-induced rise of extracellular serotonin in the rat frontal cortex* - R. Invernizzi, R. Samanin - *Proceedings of the 7th Int. Conf. on In Vivo Methods*, 143-144 (1996).
- 651 *8-OH-DPAT, a 5-HT_{1A} agonist, and ritanserin, a 5-HT_{2A/C} antagonist, reverse haloperidol-induced catalepsy, independently of nigro-striatal dopaminergic activity* - G. Lucas, U. Spampinato - *Proceed. of the 7th Int. Conf. on In Vivo Methods* 105-106 (1996).
- 652 *The selective 5-HT_{2A} receptor antagonist, MDL 100, 907, enhances PCP-induced dopamine release in the striatum of freely-moving rats* - JM. Rivet, A. Gobert, MJ Millan - *Proceed. of the Int. Conf. on iv vivo Methods* 103104 (1996).
- 653 *Opposite changes of Dopamine release in the rat striatum and nucleus accumbens following electrical stimulations of dorsal raphe neurons* - P. De Deurwaerdère, U. Spampinato - *Proceed. of the Int. Conf. on iv vivo Methods* 101-102 (1996).
- 654 *Neurotransmitter interactions mediating the activity of Dopaminergic neurons : a dual-probe microdialysis study* - BHC. Westerink, J. Feimann, P. Enrico - *Proceed. of the Int. Conf. on iv vivo Methods* 97-98 (1996).

COULOMETRY - Neuroscience

- 655 *Functional roles of Dopamine D3 and D2 receptors : a comparison of PD 128, 907, a preferential Dopamine D3 agonist, to bromocriptine, a preferential Dopamine D2 agonist - Proceed. of the Int. Conf. on iv vivo Methods 93-94 (1996).*
Oui
- 656 *Effects of Body temperature manipulations on striatal extracellular Dopamine levels as determined using in vivo Microdialysis - TH. Wu, I. Acworth, T.J. Maher - Proceed. of the Int. Conf. on iv vivo Methods 81-82 (1996).*
Oui
- 657 *Consequences of Static and Pulsatile Pressure on Membrane Exchanges during Microdialysis : in vitro study - M. Siaghy, PM. Mertes - Proceed. of the Int. Conf. on iv vivo Methods 11-12 (1996).*
Oui
- 660 *Determination of cis-Diamminedichloroplatinum II in Human Plasma using ion-pair Chromatography with Electrochemical Detection - P.J. Parson, AF. LeRoy - J. of Chromato.,378, 395-408 (1996).*
Oui
- 661 *Etude "In Vivo" du vieillissement cérébral au cours des mois suivant une exposition globale neutron-gamma : étude du système dopaminergique striatal - DEA Paris XI - 16/09/96 - CRSSA de Grenoble -*
Non
- 664 *Behavioral and Neurochemical recovery from partial 6-hydroxydopamine lesions of the substantia nigra in blocked by daily treatment with Glutamate receptor antagonists MK-801 and CPP - J. Neuroscience, 16, 5216-5224 (1996) - Abstract -*
Oui
- 675 *Tyrosine and Tryptophan Derivatives in Pig Lumbar Cerebrospinal Fluid - Effect of Subchronic Administration of Dopa associated with Benzeraside - S. Banting, G. Achilli, D. Le Bars, J. Weil-Fugazza - Recent Advances in Tryptophan Research (1996) -*
Oui
- 678 *Urinary 8-Hydroxy-2'Deoxyguanosine as a Biological Marker of in vivo oxidative DNA Damage - M. Shigenaga, C. Gimeno, B. Ames - Proc. Natl. Acad. Sci. 86, 9697-9701 (1989) - Abstract.*
Non
- 682 *A novel Enzyme enantio selectively synthesizes (R)Salsolinol, precursor of a Dopaminergic Neurotoxin, N-Methyl(R)Salsolinol - M. Naoi, T. Kaiya - Neurosci. Letts 212, 183-186 (1996) - Abstract.*
Non
- 683 *The Metabolism of L-Dopa and L-Threo-3,4-Dihydroxyphenylserine and their effects on the Monoamines in the Human Brain : analysis of the Intraventricular Fluid from Parkinsonian Patients - W. Maruyama, M. Naoi - J. Neurological Sciences 139, 141-148 (1996)*
Non
- 684 *Monitoring of Ubiquinol-10, Ubiquinone-10, Caratenoids and Tocopherols in Neonatal Plasma Microsamples using HPLC with Coulometric Electrochemical Detection - B. Finckh, A. Kohlschutter - Anal. Biochem. 232, 210-216 (1995) - Abstract.*
Non
- 685 *Sympathectomy does not modify the levels of Dopa or Dopamine in the rat dorsal root Ganglion -*
Oui
A. Bertrand, J. Weil-Fugazza - Brain Research 681, 201-204 (1995).
- 686 *d-Fenfluramine Increases Striatal Extracellular Dopamine in vivo Independently of Serotonergic terminals or Dopamine Uptake Sites - P. De Deurwaerdère, N. Bonhomme, M. Le Moal, U. Spampinato - J. of Neurochemistry 65, 1100-1108 (1995).*
Oui
- 696 *Hydroxylation of Aromatic Compounds as Indices of Hydroxyl Radical Production : A Cautionary Note Revisited. J.MONTGOMERY, L.STE-MARIE, D.BOISMENU and L.VACHON -Free Radical Biology and Medicine, Vol.19, N°6, PP 927-33 (1995).*
Oui
- 704 *Dual Modulation of Dopamine Release from ANterior Nucleus Accumbens through Cholecystokinin-B Receptor Subsites. I. LENA, B.P. ROQUES, C. DURIEUX. J. Neurochem.68 (1997) 162-168. ABSTRACT*
Non

COULOMETRY - Neuroscience

- 705 *Effects of Long-Term Treatment with Selective Monoamine Oxidase A and B Inhibitors on Dopamine Release from Rat Striatum In Vivo.* I. LAMENSDORF, M. YOUDIM, J. FINBERG. *J. Neurochem.* 67 (1996) 1532-1539. ABSTRACT
- 706 *Serotonin Stimulation of 5HT₄ Receptors Indirectly ENhances In Vivo Dopamine Release in the Rat Striatum.* P.DE DEURWAERERE, M.L'HIRNDEL, N. BONHOMME, G.LUCAS. A. CHERAMY, U. SPAMPINATO. *J. Neurachem.* 68 (1997) 195-203. ABSTRACT
- 710 *Busperone enhances Duloxetine-&Fluoxetine-induced increases in dialysate levels of dopamine&noradrenaline, but not Serotonin, in the frontal cortex of freely moving rats.* Gobert, Rivet, etc. *Journal of Neuroch* 1997, Vol68, N°3, P1326-29.
- 711 *Potentiation of the Fluoxetine-induced increase in Dialysate levels of Serotonin(5-HT) in the frontal cortex of freely moving rats by combined blockade of 5-HT_{1A}&5-HT_{1B} receptors with WAY 100,635.* Gobert, Rivet, etc. *Journal of chem* 1997. P1159-63
- 721 *Assay for the (r)-&(s)-enantiomers of salsolinols in biological samles & foods with ion-pair high-performance liquid chromatography using B-cyclodextrin as a chiral mobile phase additive,* by Y.Deng, W. Maruyama, M.Kawai, P.Dostert. *J. Chromatogr* B.689(1997)
- 722 *Sensitive method for the simultaneous measurement of fluphenazine decanoate & fluphenazine in plasma by high-performance liquid chromatography with coulometric detection,* by J-P. Luo, J-W. Hubbard & K.K. Midha. *J.Chromato.* B.688(1997) ABSTRACT
- 724 *Assay for the determination of urinary 8-hydroxy-2'-deoxyguanosine by high performance liquid perormance liquid cromatography with electrochemical detection,* by D.Germadnik, A.Pilger, HW. Rudiger. *J. Chromatog.* B.689(1997) P399-403. ABSTRACT
- 734 *Determination of Diprivan in Urine by a Supported Liquid Membrane Technique & Liquid Chromatography-Electrochemical Detection.* by J. Trocewicz, Z. Supryniewicz & J. Markowicz. *J. Chromatog. B* 685 (1996). P. 129-134. ABSTRACT ESA.
- 738 *Simultaneous Determination of Histamine and Nt-Methylhistamine with High-Performance Liquid CHromatography Using Electrochemical Detection.* by K.Mine, K.Jacobson, K.Kirk, Y.Kitajima & M. Linnoila. *Anal. Biochem.*, 152 (1986). P.127-135. ABSTRACT ESA.
- 743 *Modified Method of Nalbuphine Determination in Plasma : Validation and Application to Pharmacokinetics of the Recatl Route,* by E.Nicolle, S.Veitl, C.Guimier and G.Bessard. *J. Chromatogr. B.* 690 (1997) P. 89-97. ABSTRACT
- 744 *Determination of Nalbuphine in Human Plasma by High-Performance LiquidChromatography with Electrochemical Detection Application to a Pharmacokineticstudy,* by F.de Cazanove, J-M. Kinowski, M.Audran, A.Rochette and F.Bressole. *J.Chromat.* B.680 (1997) P.203-10
- 745 *Effect of Ethanol on extracellular Dopamine in Rat Striatum by Direct Perfusion with Microdialysis,* by H.J.Yim, T. Schallert, P.K.Randall, P.M.Bungary and R.A.Gonzales. *J. Neurochem.* 68 (1997). P. 1527-1533. ABSTRACT
- 751 *Is Chlormethiazole Neuroprotective in Experimental Global Cerebral Ischemia? A Microdialysis and Behavioral Study,* by S.Thaminy, JM Reymann, N. Heresbach, H. Allain, P.Lechat & D. Bentue-Ferrer. *Pharm. Biochem. & Behavior*, Vol 56, N°4. PP737-745(1997)
- 752 *Effect of brain microdialysis on aminergic transmitter levels in repeated cerebral global transient ischemia in rat,* by S.Thaminy, E.Bellissant, M.Maginn, R.Decombe, H.Allain & D.Bentue-Ferrer. *Journal of Neuroscience Methods* 70 (1996) P. 185-193.
- 753 *Temporal profile of aminergic neurotransmitter release in striatal dialysates in rats with post-ischemic seizures,* by D.Bentue-Ferrer, E.Bellissant, R.Decombe & H.Allain. *Experimental Brai Research* (1994) P.437-443.

COULOMETRY - Neuroscience

- 754 *Alteration of aminergic neurotransmitter release after 2 consecutive transient global ischaemias : An in vivo microdialysis study in rat*, by R.Decombe, D.Bentue-Ferrer, H.Allain & J. Van den Driessche. *Neurological Research* (1993) Vol. 15, June
- 755 *Early Changes of Aminergic Neurotransmitter and Water Contents Following Transient Ischemia in the Rat Brain*, by R.Decombes, D.Bentue-Ferrer, J.De Certaines, H.Allain & J.Van Den Driessche. *Biogenic Amines*, Vol. 6, N°4.PP.369-379 (1989).
- 756 *L-type Voltage-Dependent Calcium Channels do not modulate Aminergic Neurotransmitter Release Induced by Transient Global Cerebral Ischaemia*, by D.Bentue-Ferrer, R.Decombe, B.Saiag, H.Allain & J.Van den Driessche. *Exp Brain* (1993).PP.288-292. ABSTRACT.
- 757 *Accion de Los Antagonistas del Calcio, Nimodipina y Verapamilo, sobre los Neurotransmisores Aminergicicos y Correlacion con...*, by R.Decombe, D.Bentue Ferrer, H.Allain, J. de Certaines y J.Van den Driessche. *Drugs of Today* (1988) ; 24. PP43-51.
- 758 *Lack of Pharmacokinetic Influence on Levodopa by Bromocriptine*, by D.Bentue-Ferrer, H.Allain, O.Sabouraud & J.Van den Driessche. *Clinical Neuropharmacology*, VOL 11, N° 1. PP.83-86 (1988).
- 759 *Aminergic Neurotransmitter and Water Content Changes in Rats after Transient Forebrain Ischemia*, by D. Bentue-Ferrer, H.Bagot, J.Van den Driessche,, J.de Certaines & H.Allain. *Journal of Neurochemistry* (1986) Vol 47. N° 6 .PP1672-1677.
- 760 *Modifications des Neurotranmetteurs Aminergiques et Corrélat Neurocomportementaux lors de l'Ischémie Cérébrale Aigüe chez le Rat*, de D.Bentue-Ferrer, J-M. Reymann, J.Van den Driessche, H.Bagot & H.Allain. *J. Pharmacology* (1986), 17, n°4. PP.578-584.
- 761 *Effect of Triethyltin Chloride on the Central Aminergic Neurotransmitters & their Metabolites : Relationship with Pathophysiology of Aging*, by D.Bentue-Ferrer, J-M.Reymann, J.Van den Driessche, H.Allain & H.Bagot. *Experim. Aging Research*, Vol 11, N° 3, 1985
- 818 *The Effect of the Selective Reversible Acetylcholinesterase Inhibitor E2020 on Extracellular Acetylcholine & Biogenic Amine Levels in Rat Cortex*, by Giacobini, Zhu, Williams & Sherman. *Neuropharmacology*(1996) , Vol 35, N° 2, PP.205-211.
- 823 *Analysis and pharmacokinetics of Olanzapine (LY170053) and two metabolites in rat plasma using reversed-phase HPLC with electrochemical detection*, by J.A. Chiu and R.B. Franklin, J. *Pharmaceutical Biomed. Anal.* 14 (1996), P. 609-615. ABSTRACT.
- 824 *In patients receiving dopamine infusions for the treatment of shock do free radicals convert dopamine to 6-Hydroxydopamine ?*, by J. Tong and A. Baines, *Clin. Biochem.* 26 (1993), P. 199-205. ABSTRACT.
- 826 *Impact of Corticotropin-Releasing Hormone on Extraxellular Norepinephrine in Prefrontal Coretx After Chronic Cold Stress*, by Finlay, Jedema, Rabinovic, Mana, Zigmond and Sved. *J. Neurochem.*, (1997), 69, P.144-150. ABSTRACT
- 827 *BIMG 80, A Novel Potential ANTipsychotic Drug : Evidence for Multireceptor Actions & Preferential Release of Dopamine in Prefrontal Cortex*, by Volonte, Monferini, Cerutti, Fodritto & Borsini. *J. Neurochem.* (1997), 69, P.182-190. ABSTRACT
- 831 *Detection of N7-(2-Hydroxyethyl) Guanine Adducts of DNA and 9L Cells Treated With 1-(2-Chloroethyl)-1-Nitrosourea*, by Ye, Q. and Bodell, W.J. in *J. Chromatogr. B.* (1997), 694, PP. 65-70. ABSTRACT ESA.
- 953 *Effects of Nicotine on Levels of Acetylcholine & Biogenic Amines in Rat Coretx*, by K.L.Summers, Oui G. Cuadra, D. Naritoku & E. Giacobini. *Drug Development Research* 31 (1994) , PP.108-119

COULOMETRY - Neuroscience

- 956 *X2-Adrenergic Receptor Blockade Markedly Potentiates Duloxetine- & Fluoxetine-Induced Increases in Noradren., Dopam. & Seroto. Levels in the Frontal Cortex of Freely Moving Rats*, by Gobert, Rivet, Cistarelli, Melon & Millan, *J. of Neur N°6* (1997), ABSTRACT
- Oui
- 969 *Detection of the Oxidative Products of 3-Hydroxykynurenine Using HPLC- Electrochemical Detection-Ultraviolet Absorption Detection Electron-Spin Resonance Spectrometry &.....*, by Iwahashi & Ishii, *J. Chromat A.* (1997), 773, PP. 23-31 ABSTRACT ESA
- Non
- 1028 *Lisuride prevents learning & memory impairment & attenuates the increase in extracellular dopamine induced by transient global cerebral ischemia in rats*, CALDWELL, REYMAN, ALLAIN, LEONARD, BENTUE-FERRER, *Brain Research* 771 (1997), PP305-318
- Oui
- 1092 *Rapid and simple method for the determination of nitrite in synaptosomal superfusates by liquid chromatography with electrochemical detection*, N. GORBUNOV and E. ESPOSITO, *Journal of Chromatography*, 619 (1993), PP. 133-36.
- Oui
- 1127 *Liquid Chromatography With Luminol-Based Electrochemiluminescence Detection determination of Histamine*, Steijger, Kamminga, Brummelhuis & Lingeman, *J. Chromatogr. A*, 799, 1998, PP-57-66, ABSTRACT ESA
- Non
- 1128 *Simultaneous Measurement of Venlafaxine and its major Metabolite Oxydesmethylvenlafaxine in Human Plasma by HPLC with Coulometric Detection & Utilization of SPE*, Clement, Odontiadis & Franklin, *J. Chromatogr. B*, 705, 1998, PP-303-308, ABSTRACT ESA
- Non
- 1129 *High-Performance Liquid Chromatographic-Electrochemical Assay for the Quantitation of BMS-181885 in Monkey Plasma*, Srinivas, Shah, Schuster, Jingo, Whiten & Shy, *J. Chromatog. B*, 705, 1998, PP-317-322, ABSTRACT ESA
- Non
- 1132 *Determination of Propiomazine in Rat Plasma by Direct Injection on Coupled Liquid Chromatography Columns with Electrochemical Detection*, BENKESTOCK, K., *J. Chromatogr. B*, 700, 1997, PP-201-207, ABSTRACT ESA
- Non
- 1141 *Noradrenaline, Dopamine and Serotonin Levels in the Frontal Cortex of Freely Moving Rats*, Gobert, Rivet, Cistarelli, Melon & Millan, *J. Neurochem.*, 69 (1997), PP.2616-2619, ABSTRACT
- Non
- 1142 *Endogenous Glutamate Increases Extracellular Concentrations of Dopamine, GABA & Taurine Through NMDA and AMPA/Kainate Receptors in Striatum of the Freely Moving Rat : A Microdialysis Study*, Segovia, Arco & Mora, *J. Neurochem.*, 69 (1997), PP. 1476-83-ABSTRACT
- Non
- 1143 *Simultaneous Determination of L-Dopa & 3-O-Methyldopa in Human Platelets & Plasma Using HPLC with Electrochemical Detection*, Blandini, Martignone, Pacchetti, Desideri, Rivellini & Nappi, *J. Chromatogr. B*, 700 (1997), PP.278-282-ABSTRACT
- Non
- 1157 *5-HT-moduline, a 5-HT1B/1D receptor endogenous modulator, interacts with dopamine release measured in vivo by microdialysis*, BENTUE-FERRER, REYMAN, ROUSSELLE, MASSOT, BOURIN, ALLAIN & FILLION, *Europ. Journal of Pharmacology* 358 (1998) 129-137.
- Oui
- 1162 *Electrochemical Detection of Catecholamines at sub-5 fg Levels by Redox Cycling*, JK CULLION, J. WARASKA, DJ. BUTTARO, I.N. ACWORTH & ML. BOWERS, *J. of Pharm. And Biomed. Analysis* 19 (1999) 253-259
- Non
- 1173 *Importance of the Noradrenaline-Dopamine Coupling in the Locomotor Activating Effects of D-Amphetamine*, L.DARRACQ, G. BLANC, J. GLOWINSKI & JP TASSIN - *The Journal of Neuroscience*, April 1, 1998, 18(7), PP. 2729-2739
- Oui
- 1186 *Dosage des Méтанéphrines Plasmatiques par HPLC couplée à la détection Coulométrique*, G. HOIZEY & D. LAMIABLE - *Laboratoire de Pharmacologie CHU de Reims*.
- Oui

COULOMETRY - Neuroscience

- 1190 *Modulation of Dialysate Levels of Dopamine, Noradrenaline, & Serotonin(5-HT) in the Frontal Cortex of Freely-Moving rats by (-)-Pindolol Alone & in Association with 5-HT Reuptake Inhibitors*, A. GOBERT & M. MILLAN - *Neuropsychopharmacology* 1999, Vol.21
Oui
- 1191 *Buspirone Modulates Basal & Fluoxetine-Stimulated Dialysate Levels of Dopamine, Noradrenaline & Serotonin in the Frontal Cortex of Freely Moving Rats*, GOBERT, RIVET, CISTARELLI, MELON & MILLAN - *Neuroscience* Vol. 93, No 4, pp. 1251-1262 (1999)
Oui
- 1192 *(-)-Pindolol increases dialysate concentrations of dopamine & noradrenaline, but not serotonin, in the frontal cortex of freely-moving rats*, MJ MILLAN & A. GOBERT - *Neuropharmacology* 38 (1999) 909-912
Oui
- 1195 *Extracellular Dopamine & Serotonin After Ethanol Monitored with 5-Minute Microdialysis*, QING SHAN YAN- *Alcohol*, Vol.19, No 1, pp.1-7 (1999)
Oui
- 1228 *Métanephrines urinaires : Dosage par HPLC*
Oui
- 1230 *The Use of HPLC with Electrochemical Detection to Monitor Reactive Oxygen & Nitrogen Species, Markers of Oxidative Damage & Antioxidants : Application to the Neurosciences*, by Ian ACWORTH, Bruce BAILEY & Timothy MAHER
Non
- 1380 *Reciprocal Autoreceptor & Heteroreceptor Control of Serotonergic, Dopaminergic & Noradrenergic Transmission in the Frontal Cortex: Relevance to the Actions of Antidepressant Agents*, MILLAN, LEJEUNE & GOBERT, J. *Of Psychopharm.* 14 (2000), PP114-138
Oui
- 1407 *An Improved & Rapid HPLC-EC Method for the Isocratic Separation of Amino Acid Neurotransmitters from Brain Tissue & Microdialysis Perfusates*, B. DONZANTI & B. YAMAMOTO, *Life Science* (1988), vol.43, PP.913-922
Oui