

Salzet Michel (25/10/1965)

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CURRENT SITUATION

2015-Present Lab director, Laboratory of Proteomics, Inflammatory Response and Mass Spectrometry (PRISM) Inserm U1192

TITLES

2014-present Distinguish Professor (PRCE2), Biology Department, University Lille 1, France
1998-2003 Member of the Institut Universitaire de France Junior, then Honorary position
2009-2014 Distinguish Professor (PRCE1), Biology Department, University Lille 1, France
2002-2009 Full Professor Class I (PR1), Biology Department, University Lille 1, France
1998-2000 Senior Scientist at the Mind Body Institute of Beth Israel, Harvard Medical School, USA
1997-2002 Full Professor Class II (PR2), Biology Department, University Lille 1, France
1995-1997 Associate Professor, Biology Department, University oLille 1, France
31/05/1995 Habilitation for directing research (HDR) in Natural Sciences, University Lille 1, France
03/02/1993 PhD in Life Science and Health, University Lille 1, France

DIPLOMA

1991-1993 PhD in Life Sciences and Health at the University of Lille 1, France with 2 years mobility in UK at Biopharm Ltd (Hendy)
1990 National Service, Aspirant, Medal of the National Defense
1989 Master degree of Life Science and Health, University of Lille 1, France, Honors

FUNCTIONS & PROFESSIONAL EXPERIENCE

2015-Present Lab director, Proteomic, Réponse Inflammatoire, SPectrométrie de Masse (PRISM), U1192 Inserm
2011-2015 Lab director, Fundamental and Applied Biological Mass Spectrometry Laboratory
1998-2011 Lab director, Laboratory of Annelides Neurommunology, CNRS UMR 8017
1993-1994 Post-doctoral fellow, Neurosciences Research Institute, SUNY Old Westbury, USA

AWARDS

2022 Slovak Science Academy international Price
2020 Stefanik Price by the Ambassies of Slovakia and France
2018 Force Awards Award, regional council, Haut de France
2015 Cutting Edge Technology Award MATWIN International Board, SpiderMass Technology
2014 Finalist of the ALTRAN Foundation Award 2014 for Innovation in cancer, France
2013 Award from Quebec Sciences for the best innovation of the year for alternative ORF in collaboration with Prof. Xavier Roucou Lab (Univ. Sherbrooke, Canada)
2008 North region Innovation Price of the National Institute for Intellectual Property (INPI), Nord-Pas de Calais Council
2003 Great Price of Science of the Society of Sciences, Agriculture and Arts of Lille, France
1998 Junior Member of Institut Universitaire de France (IUF), Paris, France
1993 Wicart-Hagenstien Medal of the Society of Sciences, Agriculture and Arts of Lille, France

SCIENTIFIC ASSESSMENT

373 Publications, reviews & Book chapters (Hindex: 63, 14029 citations, GoS)

2022	1393 / from 135836 Biochemistry & Molecular Biology (Ioannidis et al., PLoS Biol 18(10): e3000918), Top 1% according Stanford ranking
201	Conferences among which 95 on invitation in international conferences
26	PhD Supervised, 32 Masters, 6 Residencies
1996-present	Scientific Excellence Reward (PEDR/PES) from National Universities Committee (CNU)

International BOARD MEMBERSHIP

2021-Present	Expert for ERC LS7, EIC Pathfinder transition
2021-Present	Member of the Beating Cancer Stakeholder Contact Group,
2017-Present	Vice Chair Panel, EU H2020 FET-OPEN, EIC PATHFINDER, Brussels,
2012-Present	Member of the Governing Board of the European School of Neurosciences
2011 Present	Board Member of the Managing Group for personalized medicine for European citizen, European Science Fundation (ESF, EU)
2010-2016	Board Member of the Interdisciplinary Committee, Research Foundation Flanders (FWO) Belgium
2009-2012	Board Member of the Core Group of the Life, Earth and Environmental Sciences (LESC, http://archives.esf.org/hosting-experts/scientific-review-groups/life-earth-and-environmental-sciences-lee.html) and Leopold-Franzens-Universität Innsbruck (LFUI), European Sciences Foundation, EU
2012-present	Board member of the Canadian Innovation Fund and the Fonds de recherche du Québec – Santé (FRQS) puis FRNTQ
2018-Present	Associate Editor Frontiers in immunology
2016-Present	Editorial Board Member of BMC Immunology

NATIONAL FUNCTIONS

2009-2012	Scientific delegate at the National Centre for Scientific Research CNRS
2008-2012	Member of the Scientific Council of the The French National Museum of Natural History (MNHN), Paris (https://www.mnhn.fr/)
2009-2011	Member of the Expert Committee for the Excellence Reward
1998-2003	Director of the Genopole program for the University of Lille 1
1999-present	Member of the National Council of University (CNU) section 68 (Animal Biology)

REGIONAL FUNCTIONS

2013-2017	Head of International Cell of the Department of Biology, University Lille 1, France
1999-2004	Director of the Doctoral School of Biology and Health of Lille co-habilitated Univ. Lille & Univ. Lille 2 (EDBSL, www.edbsl.univ-lille2.fr)

Member of Learned Societies

2013-2015	Honorary President of the French Society for Mass Spectrometry (SFSM)
2009-2012	President of the French Society for Mass Spectrometry (SFSM, www.s fsm.fr)
2014	Member of the Executive Committee of European Biotechnology Association

VALORIZATION OF RESEARCH

Industrial Valorization & IP

2020	Co-funder of "Yes-tech" incubation Eurasanté (2020),
2013	Funder of the Clic-Imaging (Clinical Chemistry-Imaging) platform of PRISM Inserm U1192
2013	Co-funder of "Hirupharm" incubation Cré'Inov (2013), Laureat Peptite Competition (2014)
2008	Co-funder of the company ImaBiotech (http://www.imabiotech.com) Service Company in Imaging Mass Spectrometry (with Prof. I. Fournier and Dr. J. Stauber)

FUNDINGS (PI and coPI)

International	NSF (200k€), NIH (600k€), NIDA (120k€), Canadian Institutes of Health Research IRSC (300k€), FRSQ (400k€), MDEIE (400k€), EU FP5 Program (1,150k€), FWO (8k€), ISOA (150k€), FRSQ Excellence Centre (750k€), Stefanick (48k€), Euronanomed (300k€), PerMed (285k€), PERMED (128k)
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National INCA (460k€), TTO SATT Nord de France (550k€), National Agency for Research Valorization ANVAR (233k€), IFREMER (8k€), RMNT (45k€), SFI (3k€), Genopole (245k€); Inserm (45k€), CNRS (50k€), ANRAs Co-PI (1,523k€), OSEO (100k€), Industrial (2,068 k€), **PhD Grants** 2,340k€ in total

7) PERSONAL BIBLIOGRAPHY

ORIGINAL PUBLICATIONS

1991

1. Verget-Bocquet, M., **Salzet, M.**, Wattez, C., and Malecha, J. Mise en évidence et caractérisation d'une substance apparentée à l'ocytocine dans les cellules surnuméraires des ganglions génitaux de la sangsue *Erpobdella octoculata*. *C. R. Acad. Sci. Paris.*, 313, III, (1991) 307-310.

1992

2. **Salzet , M.**, Verget-Bocquet, M., Wattez, C., and Malecha, J. Evidence for angiotensin-like molecules in the central nervous system of the leech *Theromyzon tessulatum* (O.F.M.). A possible diuretic effect. *Comp. Biochem. Physiol.*, 101A, 83- 90.
3. **Salzet, M.**, Wattez, C., Slomianny, M.C., Leu, B., Siegert, K.J., ELISA for oxytocin. Highly sensitive tests and application to the titration of an oxytocin-like substance in the leech *Erpobdella octoculata*. *Comp. Biochem. Physiol.*, 102C, 483-487
4. Verger-Bocquet, M., Wattez, C., **Salzet, M.**, Tramu, G. and Malecha, J., Immunohistochemical identification of peptidergic neurons in compartment 4 of the supraoesophageal ganglion of the leech *Theromyzon tessulatum* (O.F.M). *Can. J. Zool.*, 70, 856-865.

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5. **Salzet, M.**, Wattez, C. and Slomianny, M.C. Epitope mapping with ELISA of an antibody against oxytocin used for the characterization of an oxytocin-like epitope in the sex segmental ganglia of the leech *Erpobdella octoculata*. *Comp. Biochem. Physiol.*, 164A, 75-81.
6. **Salzet, M.**, Wattez, C., Verger-Bocquet, M., Beauvillain, J.C. and Malecha, J. Oxytocin-like peptide: a novel epitope colocalized with the FMRFamide-like peptide in the supernumerary neurons of the sex segmental ganglia of leeches. Morphological and biochemical characterization; putative anti-diuretic function. *Brain Res.*, 601, 173-184.
7. **Salzet, M.**, Bulet, P., Van Dosselaer, A. and Malecha, J. Isolation, structural characterization and biological function of a lysine-conopressin in the central nervous system of the Pharyngobdellid leech *Erpobdella octoculata* *Eur. J. Biochem.*, 217, 897-903.
8. **Salzet, M.**, Wattez, C., Baert, J.L., Malecha, J. Biochemical evidence of angiotensin II-like peptides and proteins in the brain of the Rhynchobdellid leech *Theromyzon tessulatum*. *Brain Res.*, 631, 247-255.

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9. **Salzet, M.**, Bulet, P., Wattez, C. and Malecha, J.: FMRFamide-related peptides in the sex segmental ganglia of the Pharyngobdellid leech *Erpobdella octoculata*. Identification and involvement in the control of hydric balance. *Eur. J. Biochem.* 221: 269-275, 1994.
10. **Salzet, M.**, Wattez, C., Bulet, P., Malecha, J. Isolation and structural characterization of a novel peptide related to gamma melanocyte stimulating hormone from the brain of the leech *Theromyzon Tessulatum*, 348, 102-106.

1995

11. Laurent, V., Bulet, P. and **Salzet, M.**: A comparison of the leech angiotensin I-like

molecule with forms of Vertebrates angiotensinogens: an hormonal system conserved in course of evolution., Neurosc. Lett. 190:175-178, 1995.

12. Laurent, V. and **Salzet, M.**: A comparison of the N-terminal sequence of leech angiotensin converting-like enzyme with forms of Vertebrate angiotensin converting enzyme, Neurosc. Lett. 198: 60-64, 1995
13. Laurent, V. and **Salzet, M.**: Isolation of a renin-like enzyme from the leech *Theromyzon tessulatum*, Peptides 8 : 1351-1358, 1995.
14. Laurent, V. and **Salzet, M.**: Isolation of a neuropeptide-degrading endopeptidase from the leech *Theromyzon tessulatum*. Eur. J. Biochem. : 233, 186-191, 1995.
15. **Salzet, M.**, Bulet, P., Wattez, C., Verger-Bocquet, M., Malecha, J.: Structural characterization of a diuretic peptide from the central nervous system of the leech
16. **Salzet, M.**, Bulet, P., Verger-Bocquet, M. and Malecha J.: Isolation and structural characterization of enkephalin-related peptides in the brain of the Rhynchobdellid leech *Theromyzon tessulatum*. FEBS Lett. 357:187-191, 1995.

1996

17. Laurent, V. and **Salzet, M.**: Metabolism of angiotensins by head membranes of the leech *Theromyzon tessulatum*. FEBS Lett. 384: 123-127, 1996.
18. Laurent, V. and **Salzet, M.**: Metabolism of enkephalins in head membranes of the leech *Theromyzon tessulatum* by peptidases: Isolation of an enkephalin-degrading aminopeptidase, Regul. Peptides 65: 123-131, 1996.
19. Laurent, V. and **Salzet, M.**: Identification and properties of an angiotensin-converting enzyme in the leech *Theromyzon tessulatum*, Peptides 17 (5) : 737-475, 1996.
20. **Salzet, M.**, Verger-Bocquet, M., Bulet, P., Clauss, W. and Malecha, J.: Structural characterization of a novel neuropeptide from the central nervous system of the leech *Erpobdella octoculata*: The Leech Osmoregulator Factor, J. Biol. Chem. 271 (12): 7237-7243, 1996.
21. **Salzet, M.**, Verger-Bocquet, M., Bulet, P., Beauvillain, J.-C., Malecha, J.; Purification, sequence analysis and cellular localization of an opioid related to the □ neo-endorphin from the nervous system of the rhynchobdellid leech *Theromyzon tessulatum*. J. Biol. Chem. 271(22): 13191-13196, 1996.
22. **Salzet, M.** and Verger-Bocquet, M.: Biochemical evidence of the sodium influx stimulating related peptide in the brain of the leech *Theromyzon tessulatum*. Neurosci. Lett. 213: 161-164, 1996
23. **Salzet, M.**, Vandenbulcke, F. and Verger-Bocquet, M.: Structural characterization of osmoregulator peptides from the brain of the leech *Theromyzon tessulatum*: IPEPYVWD and IPEPYVWD-amide. Mol. Brain. Res. 43: 301-310, 1996.

1997

24. Chopin, V., Bilfinger, T.V., Stefano, G.B., Matias, I. and **Salzet, M.**: Amino-acid sequence determination and biological activity of cytin, a naturally occurring specific chymotrypsin inhibitor from the leech *Theromyzon tessulatum*. Eur J. Biochem. 249: 733-738, 1997.
25. Laurent, V., Stefano, G., **Salzet, M.**: Presence and biochemical properties of a Molluscan angiotensin-converting-like enzyme. Regul. Peptides 69: 53-61, 1997.
26. Mattocks, D., **Salzet, M.**, Salzet, B. and Stefano, G.B.: Anandamide-induced conformational changes in leech and mussel immunocytes are mediated by nitric oxide. Animal Biol. 6: 73-77, 1997.
27. **Salzet, M.** and Stefano, G.B.: First biochemical evidence for an enzyme related to mammalian renin in an invertebrate the leech *Theromyzon tessulatum*. Mol. Cell. Endocrinol. 131: 1-8, 1997.
28. **Salzet, M.** and Stefano, G.B.: Biochemical evidence for a dynorphin precursor in Invertebrates. Mol. Brain Res. 52: 47-55, 1997.
29. **Salzet, M.**, Verger-Bocquet, M., Vandenbulcke, F. and Van Minnen, J.: Leech Egg laying-like Hormone: structure, neuronal distribution and phylogeny, Mol. Brain Res. 49: 211-221, 1997.

30. **Salzet, M.** and Stefano, G.B. : Isolation and biochemical characterization of proenkephalin from invertebrate immunocytes : Delta opioid binding sites in leech immunocytes, Brain Res. 768 : 224-232, 1997.
31. Stefano, G.B., Salzet-Raveillon, B. and **Salzet, M.**: Leech CNS Cannabinoid receptor is coupled to nitric oxide release: high sequence homology with mammals, Brain Res. 753: 219-224, 1997.
32. Stefano, G.B., Salzet, B., Rialas, C.M., Pope, M., Kustka, A., Neenan, K., Pryor, S. and **Salzet, M.**: Morphine and anandamide-stimulates nitric oxide production inhibits presynaptic dopamine release. Brain Res. 763: 63-68, 1997.
33. Stefano, G.B., **Salzet, M.** and Salzet, B.: HIV GP120 induces chemokinesis in Invertebrate Immunocytes, Animal Biol. 6:61-66, 1997.
34. Verger-Bocquet, M. and **Salzet, M.**: Tissue ACTH-like immunoreactivity is confirmed by ELISA. Animal Biol. 6: 97-100, 1997.
35. Vandenbulcke, F., Laurent, V., Verger-Bocquet, M., Stefano, G.B. and **Salzet, M.**: The leech angiotensin-converting-like enzymes: cellular localization and biochemical identifications of a membranar and a soluble form. Mol. Brain. Res. 49: 229-237, 1997.
36. Milde, H, Salzet, M, Clauss, W, Weber, M. Modulation of ion transpot across leech skin by invertebrate hormone and neurotransmitters. Plug. Arch. Eur. J. Physiol. 433, 579-580, 1997.

1998

37. Bilfinger, T.V., **Salzet, M.**, Fimiani, C., Deutsch, D., Tramu, G. and Stefano, G.B. Pharmacological evidence for anandamide amidase in human cardiac and vascular tissues. Int. J. Cardiol. 64 suppl 1, S15-S22.
38. Chopin, V., Stefano, G.B. and **Salzet, M.** Amino acid sequence determination and biological activity of therin, a naturally occurring specific trypsin inhibitor from the leech *Theromyzon tessulatum*. Eur. J. Biochem, 254(3), 565-70.
39. Chopin, V., Stefano, G.B. and **Salzet, M.** Amino-acid sequence determination and biological activity of tessulin, a naturally occurring specific trypsin-chymotrypsin inhibitor from the leech *Theromyzon tessulatum*, Eur. J. Biochem., 256, 662-668.
40. Grumiaux, F., Bulet, P., **Salzet M.**, Demuynck, S. and Dhainaut-Courtois, N. Isolation and structural characterization of hepatic metallothionein from the roach (*Rutilus rutilus*). Fish Physiol. and Biochem. 19, 279-286
41. Fimiani, C., Mattocks, D., Cavani, F., **Salzet, M.**, Deutsch, D.G., Pryor, S., Bilfinger,T.V. and Stefano, G.B. Morphine and anandamide stimulate intracellular calcium transients in human arterial endothelial cells : coupling to nitric oxide release. Cell Signal. 11, 189-93.
42. Prevot, V., Rialas, C.M., Croix, D., **Salzet, M.**, Dupouy, J.P., Poulain, P., Beauvillain,J.C. and Stefano, G.B. Morphine and anandamide coupling to nitric oxide stimulates GnRH and CRF release from rat median eminence: neurovascular regulation. Brain Res. 790,236-244.
43. Rialas, C.M., Fimiani, C., Bilfinger, T.V., **Salzet, M.** and Stefano, G.B. Endomorphin 1 and 2 inhibit human vascular sympathetic norepinephrin release: lack of interaction with mu3 opiate receptor subtype. Chung Kuo Yao Li Hsueh Pao. 19, 403-407.
44. **Salzet, M.**, Salzet-Raveillon, B., Sautière, P., Lesage, J., Beauvillain, J.C., Bilfinger, T.V., Rialas, C., Bjenning, C., Malecha, J. and Stefano, G.B. Isolation and characterization of a leech neuropeptide in rat brains : coupling to nitric oxide release in leech, rat and human tissues, Mol. Brain Res. 55, 173-179.
45. Salzet, B., Verger-Bocquet, M., Stefano, G.B., and **Salzet, M.** Putative leech dopamine1-like receptor molecular characterization: sequence homologies between dopamine and serotonin leech CNS receptors explain pharmacological cross- reactivities. Mol. Brain Res. 58, 47-58
46. Stefano, G.B., **Salzet, M.**, Magazine, H. and Bilfinger, T.V. Anandamide or morphine stimulate saphenous vein endothelium cNOs nitric oxyde release which

downregulates LPS and IFN- α iNOs by Inhibiting adenylate cyclase. J. Cardiol. Pharmacol. 31, 813-820.

47. Stefano, G.B., **Salzet, M.** and Bilfinger, T.V. Long-term exposure of human blood vessels to HIV gp120, morphine, and anandamide increases endothelial adhesion of monocytes: uncoupling of nitric oxide release. J. Cardiovasc. Pharmacol. 31, 862-868
48. Stefano, G.B., Rialas, C.M., Deutsch, D.G. and **Salzet, M.** Anandamide amidase inhibition enhances anandamide-stimulated nitric oxide release in invertebrate neural tissues. Brain Res. 793, 341-345.
49. Stefano, G.B., Salzet, B. and **Salzet, M.** *Mytilus edulis* hemolymph contains prodynorphin. Immunol. Lett. 63, 33-39.
50. Stefano, G.B., Salzet, B. and **Salzet, M.** *Mytilus edulis* hemolymph contains POMC: morphine and LPS display differential processing. Mol. Brain Res. 63, 340-350.
51. Stefano, G.B., **Salzet, M.**, Hugues, T.K. and Bilfinger, T.V. Delta2 opioid receptor subtype on human vascular endothelium uncouples morphine stimulated nitric oxide release. Int. J. Cardiol. 64 suppl 1, S43-S51
52. Stefano, G.B., **Salzet, M.**, Rialas, C.M., Mattocks, D., Fimiani, C. and Bifinger, T.V. Macrophage behavior associated with acute and chronic to HIV GP120, Morphine and Anandamide: Endothelial implications. Int. J. Cardiol. 64 suppl 1, S3-S13.
53. Stefano, G.B., Salzet-Raveillon, B., **Salzet, M.**, Yool, A.J. Increased calcium-dependent K⁺ channel activity contributes to the maturation of cellular firing patterns in developing cerebellar Purkinje neurons. Dev. Brain Res. 108, 193-203

1999

54. Veelaert, D., Schoofs, L., Macours, N., Vandingen, A., De Loof, A., Isaac, E., **Salzet, M.**, Huybrechts, R. (1999). Immunocytochemical distribution of angiotensin-I converting enzyme in the central nervous system of insects and speculations about its possible function. European journal of entomology, 96 (3), 323-326.
55. Laurent, V., Stefano, G.B. and Salzet, M.: Leech angiotensin converting enzyme, Ann. N. Y. Acad. Sci., 839, 500-502, 1999
56. De Loof, A., Schoofs, L., Huybrecht, R., Veelaert, D., Macours, N., Isaac, R.E., Salzet, M. and Loeb, M. Search of renin-angiotensin system (RAS) in Insect. In Brunnhofer & Soldan T. (eds). Eur. J. Entomol, 114-115; 1999.
57. Nieto-Fernandez, F.E., Mattocks, D., Cavani, F., **Salzet, M.** and Stefano, G.B. Morphine coupling to invertebrate immunocyte Nitric oxide release is dependent on intracellular calcium transients. Comp Biochem Physiol B Biochem Mol Biol. 123, 295-299.
58. Stefano, G.B., Prevot, V., Beauvillain, J.C., Fimiani, C., Welters, I., Cadet, P., Breton, C., Pestel, J., **Salzet, M.** and Bilfinger, T.V. Estradiol coupling to human monocyte nitric oxide release is dependent on intracellular calcium transients: evidence for an estrogen surface receptor. J Immunol. 163, 3758-3763.
60. Vandenbulcke, F., **Salzet, M.**, Desmons, A., Verger-Bocquet, M., Milde, H., Weber, W.M., Clauss, W., Van Minnen, J and Malecha, J. Ganglionic localization, biochemical identification and physiological activities of FMRFamide-related peptides in the brain of the leech *Theromyzon tessulatum*. Animal Biol. 7, 105-118.

2000

61. Chopin, V., Stefano, G.B. and **Salzet, M.** Isolation and biochemical characterization of trypsin-chymotrypsin inhibitors from the leech *Theromyzon tessulatum*. J. Enzy. Inhib. 15, 367-379.
62. Chopin V., **Salzet, M.**, Baert, J.L., Vandenbulcke, F., Sautiere, P.E., Kerkaert, L.P. and Malecha, J. Amino-acid sequence determination and biological activities of a novel Factor Xa inhibitor from the leech *Theromyzon tessulatum*, the Therostasin. J. Biol. Chem 275, 32701-32107.

63. 63 Laurent, V., Salzet, B., Verger-Bocquet, M., Bernet, F. and **Salzet M.** Morphine-like substance in leech ganglia: neuroimmune implications. Eur. J. Biochem. 267, 2354- 2362.
64. Mitta, G., Vandebulcke, F., Noel, T., Romestand, B., Beauvillain, J.C., **Salzet, M.** and Roch, P. Differential distribution and defence involvement of antimicrobial peptides in mussel. J Cell Sci 113, 2759-2769
65. Mitta, G., Vandebulcke, F., **Salzet, M.** and Roch, P. Mytilin antimicrobial peptide in mussel host defence. J. Biol. Chem 275:12954-12962.
66. Mitta, G., Vandebulcke, F., Noël, T., Romestand, B., Beauvillain, J.C., **Salzet, M.** and Roch P. Differential distribution and defense involvement of antimicrobial peptides in mussel. J. Cell. Sci 113, 2759-2769.
68. **Salzet, M.**, Chopin, V., Baert, J.L, Matias, I. and Malecha, J. Amino-acid sequence determination and biological activities of a novel thrombin inhibitor from the leech *Theromyzon tessulatum*: the theromin. J. Biol. Chem 275, 30774-30780.
69. Stefano, G.B., Prevot, V., Beauvillain, J.C., Cadet, P., Fimiani, C., Welters, I., Fricchione, G.L., Breton, C., Lassalle, P., **Salzet, M.** and Bilfinger, T.V. Cell-Surface Estrogen Receptor Mediate Calcium-Dependent Nitric Oxide Release Human Endothelia. Circulation 101, 1594 - 1597.
70. Stefano, G.B. , Cadet, P., Breton, C., Dessaix, J.P, Prevot, V., Beauvillain, J.C. and **Salzet, M.** Estradiol Coupling to Human endothelial cells Nitric Oxide Release is Dependent on Intracellular Calcium Transients: Evidence for an estrogen surface receptor. Blood 95, 3951-3958
71. Tasiemski, A., Verger-Bocquet, M., Cadet, P., Stefano, G.B. and **Salzet, M.** Proenkephalin and innate immunity in invertebrates: the antibacterial peptide, peptide B. Mol. Brain Res. 76, 237-252.
72. Tasiemski, A., **Salzet, M.**, Herbert Benson, Gregory L. Fricchione, Thomas V. Bilfinger,, Aunis, D., Metz-Boutique, M.H., Goumon Y. and Stefano, G.B. The Presence of Antibacterial Peptides in Human Plasma during Coronary Artery Bypass Surgery. J. Neuroimmunology 109, 228-235.

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73. Milde, H., Weber, M.W., **Salzet, M.**, Clauss, W. Electrophysiological studies of leech neuropeptides. J Exp Biol. 204, 1509-1517
74. Matias, I., Bisogno, T., Melck, D., Vandebulcke, F., Verger-Bocquet, M., De Petrocellis, L., Sergheraert, C., Breton, C., Di Marzo, V. and **Salzet M.** Evidence for a cannabinoid system in the central nervous system of the leech *Hirudo medicinalis*. Mol. Brain Res. 87, 145-159.
75. **Salzet, M.**, Verger-Bocquet, M. Elements of angiotensin system are involved in Leeches and Mollusks immune response modulation Mol. Brain Res. 94, 137-147
76. **Salzet, M.**, Verger-Bocquet, M. Cellular localization of the Leech renin. Neuroendocrinol. Lett. 22, 467-474.

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77. Matias, I., Orlando, P., Pestel, J., **Salzet, M.**, Di Marzo, V. Presence and regulation of the endocannabinoid system in human dendritic cells, Eur. J. Biochem. 269, 3771- 3778.
78. **Salzet, M.** Cellular localization of a chromogranin-B like derived peptides in leeches. Neuroendocrinol. Lett. 23, 209-212.
79. Stefano G, **Salzet M**, Magazine H. Cyclic nitric oxide release by human granulocytes, and invertebrate ganglia and immunocytes: nano-technological enhancement of amperometric nitric oxide determination. Med Sci Monit. 8 :BR199-B204.
80. Tasiemski, A., Hammad, H., Vandebulcke, F., Breton, C., Bilfinger, T.V., Pestel, J., **Salzet, M.** Presence of chromogranin derived antimicrobial peptides in plasma during coronary artery bypass surgery and evidence of an immune origin of these

peptides, Blood 100, 553-559.

2003

81. Deloffre L, Salzet B; Vieau D, **Salzet M.** Antibacterial Properties of Hemerythrin of the Sand Worm *Nereis Diversicolor*. Neuroendocrinol. Lett 24(1-2):39-45.
82. Fournier I., Day R., **Salzet M.** Direct analysis of neuropeptides by in situ MALDI-TOFmass spectrometry in the rat brain; Neuroendocrinol. Lett. 24(1-2):9-14.
83. **Salzet M**, Stefano GB. Chromogranin A-derived like substance in Leeches. Neuroendocrinol. Lett. Lett. 24(3-4):227-232.

2004

84. D'Anjou, F., Bergeron, L.J., Ben Larbi, N., Fournier, I., **Salzet, M.**, Perreault, J-P., ¶ and Day, R. Silencing of pro-protein convertase 2 (SPC2) expression using designed δ ribozymes in stable mouse endocrine cell lines. J. Biol. Chem 279(14):14232-9
85. Tasiemski A., Vandenbulcke F, Mitta G, Lemoine J, Lefebvre C, Sautiere P-E, **Salzet,M.** Molecular characterization of two novel antibacterial peptides inducible upon bacterial challenge in an annelid: the leech *Theromyzon tessulatum*.J. Biol. Chem279 (30) 30973-82
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