



# Unsupervised Feature Selection by a Genetic Algorithm for Mid-Infrared Spectral Data

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15. Critères, échantillonnage et méthodes analytiques pour la surveillance et le contrôle de la conformité réglementaire des produits du tabac et produits du vapotage sur le marché français. Guerbet M, Boyer L, Caillé-Garnier S, Casabianca H, Concha Lozano N, Guenot D, Kinouani S, Melchior M, Menetrier M, Nguyen Thanh V, Pourchez J, Torny D, Zervas E, Anthérieu S, Marcou G, Mary-Krause M, Orset C, Sleiman M, Solinas M, Yon J, Mouchet A, Labarbe B, Achille J, Mansuy T, Lozachmeur J, Leroux C. Rapport d'expertise collective. Saisine n° 2020-SA-0015, Anses. 2022, 120 p

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4. **Guenot D**, Gaub MP, Nicolet C. Recherche de gènes localisés sur le chromosome 20 impliqués dans le mécanisme de progression tumorale de cancers CIN du côlon. Journée Agilent, *Oral communication as invited speaker*, Strasbourg 2006
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8. Guérin E, Pencreach E, Nicolet C, Ruck L, Hamelin N, Jaiillet M, Entz-Werlé N, Gaub MP, **Guenot D.** Xenograft platform for colon cancers and brain tumors. Colloque Inter-Régional Grand-Est de Recherche Translationnelle en Oncologie, ONCOTRANS, *Oral communication as invited speaker*, Nancy 2009
9. **Guenot D.** Comprendre la perte d'expression de CXCL12 dans les cancers coliques humains. 17<sup>ème</sup> journée de la Ligue contre le Cancer, Strasbourg, Nov 2016
10. **Guenot D.** CXCL12-CXCR4/CXCR7 axis and colon cancer metastases. 4th World Cancer Research Conference – Amsterdam March 2020

#### 4. Publications dans des actes de congrès

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3. **Di Scala-Guenot D**, Strosser MT. Neurone-astrocyte interaction. Inhibitory influence of neurones on astrocytic oxytocin receptor expression Oxytocin 395 :349-350, Tokyo, Japan, 1995
4. Guérin E, Raffelsberger W, Pencreach E, Neuville A, Schneider A, Lavaux T, Bachellier P, Rohr S, **Guenot D**, Gaub MP. Gene expression profiling of patient-derived colon xenograft tumors following treatment with irinotecan. *Poster*, Eur J Can, suppl, 4(12):134-135, 2006
5. Nicolet C, Guérin E, Schneider A, Neuville A, Kerckaert JP, Kedinger M, Gaub MP, **Guenot D**. Recherche de gènes localisés sur le bras long du chromosome 20 impliqués dans les mécanismes de progression tumorale des cancers coliques humains. CECED, *Oral communication*, Gastroentérologie clinique et biologique, 30(5), 714, 2006.
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8. Nicolet C, Neuville A, Flaman J M, Gaub MP, **Guenot D**. E2F2 - a potential new molecular marker for colon carcinogenesis. EACR, Lyon, *Poster*, Eur J Can, suppl, 6(9):51-52, 2008
9. Neuville A, Meyer N, Schneider A, Legrain M, Guerin E, **Guenot D**, Kedinger M, Gaub M P. Molecular subtyping of 159 stable microsatellite colon polyps. EACR, Lyon , *Poster*, Eur J Can, suppl, 6(9):52, 2008
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12. Entz-Werle N, Lavaux T, Lutz P, **Guenot D**, Gaub MP, Perrin-Schmitt F, Osteosarcoma comittee of SFCE (Société Française des Cancers de l'Enfant). Bone development gene deregulation is involved in high grade pediatric osteosarcoma oncogenesis and in their prognostic outcome. AACR Meeting, *Poster*, Abstracts, 4045, 2009

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- 20.Janouskova H, Maglott A, **Guenot D**, Pinel S, Chastagner P, Plenat F, Entz-Werle N, Godet J, Martin S, Dontenwill M. Integrin alpha 5 beta 1 plays a critical role in resistance to chemotherapy by interfering with the p53 pathway in high grade glioma. Poster, Eur J Cancer 48(5), S67, Poster Barcelone 2012
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2. Nicolet C, Neuville A, Kerckaert JP, Kedinger M, Gaub MP, **Guenot D**. Search of genomic markers for invasiveness of human colon carcinomas, with a particular emphasis on the chromosome 20q status. Annual Meeting of the European Cancer Center EuCC, *Oral communication*, Prix Paul Basset, Strasbourg, 2007
3. Nicolet C, Kerckaert JP, Neuville A, Gaub MP, **Guenot D**. Search of genomic markers for human colon tumour invasiveness. 1er Forum Cancéropole Grand Est, *Oral communication* Vittel, 2007
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11. Voegelin M, Guérin E, Schmitt C, Tarnus C, **Guenot D**. Impact of a single treatment by a novel aminopeptidase-N/CD13 inhibitor combined or not with Rapamycin on the growth of human tumours xenografted in nude mice. Annual Meeting of the European Cancer Center EuCC, *Oral communication*, Bâle, 2011
12. Coliat P, Ramolu L, Noel G, Abecassis J, Jung A, Pencreach E, **Guenot D**. Sensibilisation de lignées tumorales des Voies Aériennes Digestives Supérieures (VADS) à la radiothérapie par ciblage chimiothérapeutique de l'axe EGFR/ mTOR/HIF-1. 6<sup>ème</sup> Forum CGE, *Oral communication*, Strasbourg, Nov 2012
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## 6. Posters

1. **Di Scala-Guenot D**, Strosser MTh, Mialhe P. Antilipolytic effects of the three forms of circulating somatostatin-like-immunoreactivity on chicken adipose tissue. 15th FEBS Meeting, *Poster*, Bruxelles, 1983
2. Gross R, **Di Scala-Guenot D**, Strosser MTh, Mialhe P. Somatostatin release from the pancreas: the effects of catecholamines, glucose and free fatty acids. International Symposium on Neuropeptides: critical evaluation and concepts, *Poster*, Montpellier 1983
3. Fuhrmann G, **Di Scala-Guenot D**, Ebel A. Hypothalamic and extrahypothalamic somatostatin levels in the snell dwarf mouse ; somatostatin excess as the primary molecular site in the dw/dw mutation. 5th International Meeting ISDN, *Poster*, Chieti 1984
4. Strosser MT, **Di Scala-Guenot D**, Sarlieve LL, Richard Ph. Neurones ± neurophysines dans des cultures primaires de cellules dissociées d'hypothalamus d'embryons de rat: évolution morphologique en fonction de l'âge des embryons. 17ème Colloque de la Société de Neuroendocrinologie expérimentale, Annales d'Endocrinologie 48(6) :43 *Poster*, Lyon 1987
5. **Di Scala-Guenot D**, Strosser MTh, Sarlieve LL, Richard Ph. Primary cultures of embryonic rat hypothalamic neuropeptide-containing neurons: morphological development and cell content measurement. 7th meeting of the European Society for Neurochemistry (ESN), Neurochem Intern 13 suppl. 1, F269, *Poster*, Göteborg 1988
6. **Di Scala-Guenot D**, Strosser MTh, Freund-Mercier MJ, Richard Ph. Evidence for oxytocin binding in the rat cerebral hemispheres and hypothalamus serum-free primary cultures. 12th Meeting of the International Society for Neurochemistry (ISN). J of Neurochem 52 suppl. 1, 5147B, *Poster*, Algarve 1989

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12. **Di Scala-Guenot D**, Mouginot D, Strosser MTh. Elevation du calcium intracellulaire par l'ocytocine dans des astrocytes en culture. Société de Neuroendocrinologie expérimentale, XXIème colloque, *Poster*, Nancy 1992
13. **Di Scala-Guenot D**, Strosser MTh. Expression of oxytocin receptors on cultured neurones and astrocytes. American Society for Neuroscience, *Poster*, Washington 1993
14. **Di Scala-Guenot D**. and Strosser MTh. Phorbol ester modulates iodinated oxytocin antagonist binding on cultured astrocytes. First European Meeting on glial cell function in health and disease. *Poster*, Heidelberg 1994
15. Evrard ME, **Di Scala-Guenot D**, Strosser MTh. Oxytocin-binding sites in rat spinal cord cultured astrocytes. First Meeting on glial cell function in health and disease. *Poster*, Heidelberg 1994.
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17. **Di Scala-Guenot D**., Kelche Ch. and Strosser M.Th. Astroglial oxytocin receptor down-regulation: modulation by protein(s) kinase(s) C. Society for Neuroscience, *Poster*, Miami 1994
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19. **Di Scala-Guenot D**. and Strosser M.Th. Neurone-astrocyte interaction: inhibitory influence of neurones on astrocytic oxytocin receptor expression. Hanseatic Endocrine conference on Oxytocin: cellular and molecular approaches in medicine and research, *Poster*, Hamburg 1995
20. Evrard M., Strosser M.Th. et **Di Scala-Guenot D**. Characterization of oxytocin receptors on rat spinal cord membranes. The 2nd Meeting of European Neuroscience, *Poster*, Strasbourg 1996
21. Evrard M., **Di Scala-Guenot D**. et Strosser M.Th. Caractérisation des récepteurs de l'ocytocine dans le moelle épinière de rat. Société de Neuroendocrinologie Expérimentale, *Poster*, Strasbourg 1996
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