

Curriculum Vitæ Michel BOUVIER

DIPLOMES

- 1985 **Thèse de Doctorat d'Etat ès-Sciences**,
Mention très honorable
- 1978 **Thèse de Doctorat de 3ème Cycle : Neurophysiologie**,
Mention très honorable
- 1976 **Diplôme d'Etudes Approfondies : Neurophysiologie**, mention B
- 1975 **Maîtrise de Physiologie**
CES Physiologie des régulations, mention AB
CES Neurophysiologie, mention AB
- 1974 **Licence ès-Sciences**
CES Physiologie animale, mention AB
CES Biochimie structurale et métabolique
- 1973 **Diplôme Universitaire d'Etudes Scientifiques**
- 1971 **Baccalauréat série D**, mention AB

FONCTIONS EXERCEES

- Attaché dans l'Unité d'Exploration Fonctionnelle Digestive du Service de Gastroentérologie du CHU Nord de Marseille depuis 1981
- Directeur de recherche honoraire au CNRS depuis le 1/09/2018
- Directeur de Recherche 2ème classe au CNRS du 01/10/1992 au 31/08/2018
- Chargé de Recherche 1ère classe au CNRS du 1/10/1983 au 30/09/1991
- Attaché de Recherche au CNRS du 01/1/1980 au 30/9/1983

SOCIETES SAVANTES

- Membre du Club Français de Neurogastroentérologie
- Membre du Club des Neurosciences
- Membre de la Fédération de Périnéologie
- Membre de la Société de Physiologie
- Membre de la Société Française de Coloproctologie
- Membre du Club Français d'Electrophysiologie Périnéale

DISTINCTIONS

-Lauréat du prix Barbier (Médecine, Chirurgie) de l'Académie des Sciences, 1993

EXPERTISES

Pour les Revues :

- American Journal of Physiology
- Journal of the Autonomic Nervous System
- Alimentary Pharmacology & Therapeutics
- Neuroscience Letters
- Gastroenterology
- British Journal of Surgery
- Neurogastroenterology

Pour les Associations :

- Action Research (Organisme anglo-saxon finançant la recherche clinique).

MEMOIRES

LUCIANO L, **BOUVIER M**, BAUMSTARCK K, VITTON V. Is the extent of obstetric anal sphincter injury correlated with the severity of fecal incontinence in the long term? *Tech Coloproctol.* 2020 (1): 49-55. PMID: 31820190

ANDRIANJAFY C, LUCIANO L, LOUNDOU A, **BOUVIER M**, VITTON V. Three dimensional high resolution anorectal manometry can predict response to biofeedback therapy in defecation disorders. *Int J Colorectal Dis.* 2019 (6): 1131-1140. PMID: 31044283

VITTON V, LUCIANO L, ORTIZ S, BAUMSTARCK K, **BOUVIER M**. Can wearing high heels influence anal canal pressure and the severity of fecal incontinence. *Int Urogynecol J.* 2019 (12): 2049-2054. PMID: 30796476

ANDRIANJAFY C, LUCIANO L, BAZIN C, BAUMSTARCK K, **BOUVIER M**, VITTON V. Three-dimensional high-resolution anorectal manometry in functional ano-rectal disorders results from a large observational cohort study. *Int J Colorectal Dis.* 2019 (4): 719-729. PMID: 30706131

VITTON V, BENEZECH A, **BOUVIER M**. High-resolution anorectal manometry may probably be worth every penny. *Neurogastroenterol Motil.* 2018 (1). PMID: 29265640

BENEZECH A, DESMAZES-DUFEU N, BAUMSTARCK K, **BOUVIER M**, COLTEY B, REYNAUD-GAUBERT M, VITTON V. Prevalence of Fecal Incontinence in Adult with Cystic Fibrosis. *Dig Dis Sci.* 2018 (4): 982-988. PMID: 29086331

MION F, GARROS A, BROCHARD C, VITTON V, ROPERT A, **BOUVIER M**, DAMON H, SIPROUDHIS L, ROMAN S. 3D High- definition anorectal manometry: Values obtained in asymptomatic volunteers, fecal incontinence and chronic constipation. Results of a prospective multicenter study (NOMAD). *Neurogastroenterol Motil.* 2017 (8). PMID: 28251732

BENEZECH A., BAUMSTARCK K., GRIMAUD J.C., **BOUVIER M.**, VITTON V. Rectal intussusception : can high resolution three-dimensional ano-rectal manometry compete with conventional defecography. *Neurogastroenterol Motil.* 2017 (4): 65-72. PMID: 27891706

LUCIANO L, GRANEL B, BERNIT E, HARLE JR, BAUMSTARCK K, GRIMAUD JC, **BOUVIER M**, VITTON V. Esophageal and anorectal involvement in systemic sclerosis: a systemic assesment with high resolution manometry. *Clin. Exp. Rheumatol.* 2016, (34), Suppl 100 (5): 63-69. PMID 27243115.

BENEZECH A, **BOUVIER M**, LESAVRE N, GONZALEZ JM, BAUMSTARCK K, GRIMAUD JC, VITTON V Does patient position influence the results of three-dimension high resolution ano-rectal manometry? *Br J Med Med Res.* 2016, 13(5): 1-7

BENEZECH A, BEHR M, **BOUVIER M**, GRIMAUD JC, VITTON V. Three-dimensional high-resolution anorectal manometry: does it allow automated analysis of sphincter defects? *Colorectal Dis.* 2015, 17: O202-7. PMID: 26046765

VITTON V, SOUDAN D, SIPROUDHIS L, ABRAMOWITZ L, **BOUVIER M**, FAUCHERON JL, LEROI AM, MEURETTE G, PIGOT F, DAMON H. Treatment of faecal incontinence: recommendation from the French National Society of Coloproctology. *Colorectal Dis* 2014: 16: 159-166.

BENEZECH A, **BOUVIER M**, GRIMAUD JC, BAUMSTARCK K, VITTON V. 3-D High-Resolution Manometry and diagnosis of excessive perineal descent: a comparative pilot study with defecography. *Colorectal Dis.* 2014: 16: 170-175.

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QUINSON N, VITTON V, **BOUVIER M**, GRIMAUD JC, ABYSIQUE A. Effects of Tumor-Necrosis-Alpha on leptin-sensitive intestinal vagal mechanoreceptors in the cat. *Can J Physiol Pharmacol.* 2013: 91: 941-950.

QUERALTO M, VITTON V, **BOUVIER M**, ABYSIQUE A, PORTIER G. Interferential therapy: a new treatment for slow transit constipation. A pilot study in adult. *Colorectal Dis.* 2013: 15: 35-39.

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QUERALTO M, VITTON V, **BOUVIER M**, ABYSIQUE A, PORTIER G. Interferential therapy: a new treatment for slow transit constipation. A pilot study in adults. *Colorectal Dis.* 2013; 15: 35-39.

LEROI AM, SIPROUDHIS L, ETIENNY I, DAMON H, ZERBIB F, AMARENCO G, VITTON V, FAUCHERON JL, THOMAS C, MION F, ROUMEGUERE P, GOURCEROL G, **BOUVIER M**, LALLOUCHE K, MENARD JF, QUERALTO M. Transcutaneous Electrical Tibial Nerve Stimulation in the treatment of fecal incontinence: A Randomized trial. *Transcutaneous Am J Gastroenterol.* 2012; 107: 1888-1896 (TM).

VITTON V, VIGNALLY P, BARTHET M, COHEN V, DURIEUX O, **BOUVIER M**, GRIMAUD JC. Dynamic Anal Endosonography and Magnetic Resonance Imaging Defecography in Pelvic Floor Disorders: A comparison study with defecography. *Dis Colon Rectum.* 2011, 54: 1368-404.

VITTON V., BAUMSTARCK-BARRAU K., BRARJANIAN S., CABALLE I., **BOUVIER M.**, GRIMAUD J.C. Impact of High-Level sport practice on anal incontinence in a healthy young female population. *J Women's Health.* 2011, 20, 757-763

GOURCEROL G., VITTON V., LEROI A.M., ABYSIQUE A., **BOUVIER M.** How sacral nerve stimulation works in patients with fecal incontinence. *Colorectal Disease.* 2011, 13: 203-2011.

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VITTON V., ABYSIQUE A., GAIGE S., LEROI A.M., **BOUVIER M.** Colonosphincteric electromyographic responses to sacral root stimulation: evidence for a somatosympathetic reflex. *Neurogastroenterol Motil, 2008, 20, 407-416.*

VITTON V, GRIMAUD JC, **BOUVIER M** et ABYSIQUE A. (2006). Supraspinal control of external anal sphincter motility: effects of vesical distension in humans and cats. *Neurogastroenterol. Motil, 18: 1031-1040.*

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ORSONI P., BERDAH S., **BOUVIER M.**, GRIMAUD J.C., PICAUD R. Postoperative fecal continence with ulcerative colitis after undergoing ileoanal anastomosis with preservation of the transitional zone: a report from a low incidence region. *International J. colorectal Diseases.*, 1997, **12**, 221-226.

BARTHET M., MAMBRINI P., SALDUCCI J., **BOUVIER M.**, CHIARELLI P., GRIMAUD J.C. Efficacité de l'association citrate d'alvérine/siméthicone dans le traitement du syndrome de l'intestin irritable. *Gastroentérologie*, 1996, **10**, 277-282

BOUVIER M., GRIMAUD J.C., ABYSIQUE A., CHIARELLI P. Effects of alverine on the spontaneous electrical activity and nervous control of the proximal colon of the rabbit. *Gastroentérol. Clin. Biol.*, 1992, **16**, 334-338.

AUDIBERT P., **BOUVIER M.**, AMOROS F., BRECQUEVILLE J.M., BERTOLINO J.G., SALDUCCI J., GRIMAUD J.C. Efficacité du traitement par bioréaction de la constipation terminale. *Ann.Gastroentérol. Hépatol.*, 1991, **27**, 337.

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BOUVIER M., GRIMAUD J.C., ABYSIQUE A. Effects of stimulation of vesical afferents on colonic motility in cats. *Gastroenterology*, 1990, **98**, 1148-1154

GRIMAUD J.C., **BOUVIER M.**, NAUDY B., SALDUCCI J. Non-cholinergic neural excitation of the human rectum induced by acetorphan, an inhibitor of enkephalinase. *Gastroentérol.Clin.Biol.*, 1989, **13**, 799-803.

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BLANQUET F., **BOUVIER M.**, GONELLA J. Effects of enkephalins and morphine on spontaneous electrical activity and on junction potentials elicited by parasympathetic nerve stimulation in cat and rabbit colon. *Brit.J.Pharmacol.*, 1982, **77**, 419-429.

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MONGES H., SALDUCCI J., NAUDY B., RANIERI F., GONELLA J., **BOUVIER M.** The electrical activity of the internal anal sphincter: a comparative study in man and in cats. 495-501. In: *Gastrointestinal Motility*, Ed. J. Christensen, Raven Press (New York), 1980, 513pp.

REVUES

BENEZECH A, BOUVIER M, VITTON V. Faecal incontinence current knowledges and perspectives. *World J. Gastroenterology and Pathophysiology* 2016, 7, (1) 5971 PMID: 26909229

BENEZECH A, BOUVIER M, VITTON V. Manométrie ano-rectale haute résolution : quelles avancées. *Hépatogastro et oncologie digestive* 2015 ; 22(7): 537-48.

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BOUVIER M. Physiologie de la continence fécale et de la défécation. *Arch.intern.Physiol.Biochim.*, 1991, 99, A53-A63.

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GONELLA J., BLANQUET F., GRIMAUD J.C., **BOUVIER M.** La commande nerveuse extrinsèque du côlon et du sphincter anal interne. *Gastroentérol.Clin.Biol.*, 1986, 10, 158-176.

LIVRES

VITTON V. **BOUVIER M.** ANDRIANJAFY C. Manométrie ano-rectale. Concept et pratique. 2020, R. Galmiche Prince de Corlet Eds. 65pp.

CHAPITRE DE LIVRES

BOUVIER M. La physiopathologie de l'incontinence anale In « Incontinence anale de l'adulte » Eds ; Henri Damon, Véronique Vitton, Denis Soudan. Collection SNFCP Springer, 2013 132p.

ABYSIQUE A, VITTON V, FELIX B, **BOUVIER M.** Motricité du côlon et de la région ano-rectale. Encyclopédie Médico-Chirurgicale (Elsevier Masson SAS, Paris) Gastroentérologie 2014

FABRE-CLERGUE C, MARZOLF A, **BOUVIER M.** Une nouvelle technique de rééducation proprioceptive pelvi-périnéale validée de façon expérimentale. In : Profession Sage-Femme, 2013, n°200, 37-38.

BOUVIER M., VITTON V., ABYSIQUE A. **Périnée et émotions.** In: Algies pelvi-périnéales et thérapies manuelles. D. Bonneau, P. Mares, P. Vautravers, C. Hérisson Eds. Sauramps Medica, Montpellier, 2011, 79-84

BOUVIER M., DENIS P., GRIMAUD J.C. LEROY A.M. Physiopathologie de l'incontinence anale in : Progrès en hépatogastroentérologie 1 : Pathologie anorectale Doin éditeur, 2000, 1-7.

BOUVIER M., GRIMAUD J.C. Thérapeutique : le point en clinique. In : *Sensibilité digestive : données récentes en physiologie, pathologie, thérapeutique*, 1996, 171-179.

BOUVIER M., GRIMAUD J.C. *Comment prescrire les examens complémentaires en*

gastroentérologie ? III. Côlon, rectum, anus. Ed. Laboratoire Houdé, 1990, 36pp.
BREVET

BOUVIER M., GRIMAUD J.C. (1988). *Dossier technique ANVAR n° 53093*; "Sonde rectale pour le traitement des constipations terminales et des incontinences neurologiques".