

## Publications et communications scientifiques

### Jean-Denis Bailly



#### Articles scientifiques

- 1- **Bailly JD.**, Le Bars P., Pietri A., Benard G., Le Bars J. Evaluation of a fluorodensitometric method for analysis of ergosterol as a fungal contamination marker in compound feeds. *J. Food Protect.*, 62, 686-690, 1999.
- 2- **Bailly JD.**, Benard G., Jouglar J.Y., Durand S., Guerre P. Toxicity of *Fusarium moniliforme* culture material containing known levels of fumonisin B1 in ducks. *Toxicology*, 163, 11-22, 2001.
- 3- Raynal M., **Bailly JD.**, Benard G., Guerre P. Effects of fumonisin B1 present in *Fusarium moniliforme* culture material on drug metabolising enzymes activities in ducks. *Toxicology Letters*, 121, 179-190, 2001.
- 4- Gaumy J.L., **Bailly JD.**, Benard G., Guerre P. Zéaralénone : origine et effets chez les animaux d'élevage *Rev. Med. Vet.*, 152, 123-136., 2001.
- 4- Tran T.S., **Bailly JD.**, Querin A., Le Bars P., Guerre P. Fungal contamination of rice for south Vietnam, mycotoxinogenesis of selected strains and residues in rice. *Rev. Med. Vet.*, 152, 555-560, 2001.
- 5- Gaumy J.L., **Bailly JD.**, Burgat G., Guerre P. Zéaralénone : propriétés et toxicité expérimentale *Rev. Med. Vet.*, 152, 217-234., 2001.
- 6- **Bailly JD.**, Querin A., Le Bars-Bailly S., Bénard G., Guerre P. Citrinin production and stability in cheese. *J. Food Protect.* 65, 1317-1321, 2002.
- 7- Eliza MD., Taranu I., Pascale F., Lionide A., **Bailly JD.**, Criste RD., Oswald IP. Immunotoxicological gender related differences in a sub-acute fumonisin B1 exposure in swine. *Bull. Univ. Agric. Med. Vet. Nap.*, 61, 210-215, 2004.
- 8- Tardieu D., **Bailly JD.**, Benard G., Tran T.S., Guerre P. Toxicity of maize containing known levels of fumonisin B1 during force-feeding of ducks. *Poult Sci.*, 83, 1287-93, 2004.
- 9- Tabuc C., **Bailly JD.**, Bailly S., Querin A., Guerre P. Toxigenic potential of fungal mycoflora isolated from dry cured meat products: preliminary study. *Rev. Med. Vet.*, 155, 287-291, 2004.
- 10- Balzer A., Tardieu D., **Bailly JD.**, Guerre P. Les trichothécènes : nature des toxines, présence dans les aliments et moyens de lutte. *Rev. Med. Vet.*, 155, 299-314, 2004.
- 11- **Bailly JD.**, Tabuc C., Querin A., Guerre P. Production and stability of Patulin, Ochratoxin A, Citrinin and Cyclopiazonic Acid on dry cured ham. *J Food Protect.*, 68, 1516-20, 2005.
- 12- Tran T.S., Auvergne A., Benard G., **Bailly JD.**, Tardieu D., Babilé R., Guerre P. Chronic effects of fumonisin B1 on ducks. *Poult Sci.*, 84, 22-28, 2005.
- 13- Taranu I., Marin DE., Bouhet S., Pascale F., **Bailly JD.**, Miler D., Pinton P., Oswald IP. Fumonisin B1, a toxin produced by *Fusarium verticilloides* alters the Th1/Th2 cytokine balance and decreases specific antibody titer in piglets. *Tox. Sci.*, 84, 22-28, 2005.
- 14- **Bailly JD.**, Querin A., Tardieu D., Guerre P. Production and purification of fumonisins from a highly toxigenic strain of *Fusarium verticilloides*. *Rev. Med. Vet.*, 156, 547-554, 2005.
- 15- Tran ST, Tardieu D, Auvergne A, **Bailly JD.**, Babile R, Durand S, Benard G, Guerre P. Serum sphinganine and the sphinganine to sphingosine ratio as a biomarker of dietary fumonisins during chronic exposure in ducks. *Chem Biol Interact.*, 160, 41-50, 2006.
- 16- Tardieu D, Tran ST, Auvergne A, Babile R, Benard G, **Bailly JD.**, Guerre P. Effects of fumonisins on liver and kidney sphinganine and the sphinganine to sphingosine ratio during chronic exposure in ducks. *Chem Biol Interact.*, 160, 51-60, 2006.
- 17- Marin DE., Taranu I., Pascale F., Lionide A., Burlacu R., **Bailly JD.**, Oswald IP. Sex related differences in the immune response of weanling piglets exposed to low doses of fumonisin extract. *Br J Nutr.*, 95, 1185-1192, 2006.
- 18- Tardieu D., Tran S.T., **Bailly JD.**, Skiba F., Metayer J.P., Guerre P. Chronic toxicity of fumonisins in turkeys. *Poult. Sci.*, 86, 1887-1893, 2007.
- 19- Tardieu D., **Bailly JD.**, Benard G., Guerre P. Comparison of two extraction methods for ergosterol determination in vegetal feeds. *Rev. Med. Vet.*, 158, 442-446, 2007.
- 20- Tran TS., Tabuc C., Bailly S., Querin A., Guerre P., **Bailly JD.** Fungal mycoflora and contamination of maize from Vietnam with aflatoxin B1 and fumonisin B1. *World Mycotox. J.*, 1, 87-94, 2008.
- 21- Tardieu D., Auby A., Bluteau C., **Bailly JD.**, Guerre P. Determination of fumonisin B1 in animal tissues with immunoaffinity purification. *J. Chrom. B.*, 870, 140-144, 2008.

- 22- Tardieu D., **Bailly JD.**, Skiba F., Grosjean F., Guerre P. Toxicokinetics of fumonisin B1 in turkey poults and tissue persistence after exposure to a diet containing the maximum European tolerance for fumonisins in avian feeds. *Food Chem Toxicol.*, 46, 3213-3218, 2008.
- 23- Tabuc C., Marin D., Guerre P., Sesan T., **Bailly JD.** Mold and Mycotoxin Content of Cereals in South-East Romania. *J. Food Protect.*, 72, 662-665, 2009.
- 24- Tardieu D., **Bailly JD.**, Benlasher I., Auby A., Jouglar JY., Guerre P. Tissue persistence of fumonisin B1 in ducks and after exposure to a diet containing the maximum European tolerance for fumonisins in avian feeds. *Chem. Biol. Interact.*, 182, 239-244, 2009.
- 25- Duverger F., Bailly S., Querin A., Pinson-Gadais L., Guerre P., **Bailly JD.** Influence of culture medium and incubation time on the simultaneous synthesis of deoxynivalenol and zearalenone by *Fusarium graminearum*. *Rev. Med. Vet.*, 162, 93-97, 2011.
- 26- Van Galen G., Marcillaud-Pitel C., Saegerman C., Patarin F., Amory H., **Bailly JD.**, Cassart D., Gerber V., Hahn C., Harris P., Keen J., Kirschvink N., Lefere L., McGorum B., Muller Jessika, Picavet M., Piercy R., Roscher K., Serteyn D., Unger L., Kolk J., Van Loon G., Verwilghen D., Westermann C., Votion D. European outbreaks of atypical myopathy in grazing equids (2006-2009): spatiotemporal distribution, history and clinical features. *Equine Vet. J.*, 44, 614-620, 2012.
- 27- Van Galen G., Marcillaud-Pitel C., Saegerman C., Patarin F., Amory H., **Bailly JD.**, Cassart D., Gerber V., Hahn C., Harris P., Keen J., Kirschvink N., Lefere L., McGorum B., Muller Jessika, Picavet M., Piercy R., Roscher K., Serteyn D., Unger L., Kolk J., Van Loon G., Verwilghen D., Westermann C., Votion D. European outbreaks of atypical myopathy in grazing equids (2006-2009): determination of indicators for risk and prognostic factors. *Equine Vet. J.*, 44, 621-625, 2012.
- 28- Benlasher E., Geng X., Nguyen NTX., Tardieu D., **Bailly JD.**, Auvergne A., Guerre P. Comparative effects of fumonisins on sphingolipids metabolism and toxicity in ducks and turkey. *Avian Dis.*, 56, 120-127, 2012.
- 29- El Mahgubi A., Puel O., Bailly S., Tadrast S., Querin A., Ouadia A., Oswald IP., **Bailly JD.** A survey of distribution and toxigenicity of *Aspergillus* section *Flavi* in spices. *Food Control*, 32, 143-148, 2013.
- 30- Bekhouche F., Merabti R., **Bailly JD.** Traditional couscous manufacture from fermented wheat (Algeria): process and technological and nutritional quality. *Afr. J. Sci. Technol.*, 4, 167-175, 2013.
- 31- Adjovi YCS., Bailly S., Gnonlonfin BJG., Tadrast S., Querin A., Sanni A., Oswald IP., Puel O., **Bailly JD.** Contrast between natural occurrence of toxigenic *Aspergillii* of the *Flavi* section and aflatoxin B1 in cassava: possible explanation. *Food Microbiol.*, 38, 151-159, 2014.
- 32- Loiseau N, Polizzi A, Dupuy A, Therville N, Rakotonirainy M, Loy J, Viadere JL, Cossalter AM, **Bailly JD**, Puel O, Kolf-Clauw M, Bertrand-Michel J, Levade T, Guillou H, Oswald IP. New insights in the organ-specific adverse effects of Fumonisin B1: comparison between lung and liver. *Arch. Toxicol.*, 89, 1619-1629, 2015.
- 33- Adjovi YCS, Gnonlonfin BJG., Bailly S., Puel O., **Bailly JD.**, Oswald IP., Sanni A. Occurrence of mycotoxin in cassava (*Manihot esculenta* Crantz) products. *Int. J. Food Safety, Nutr. Publ. Health*, 5, 217-247, 2015.
- 34- Levasseur-Garcia C., Bailly S., Kleber O., **Bailly JD.** Rapid fungal flora quantification by near infrared spectroscopy as a tool for fumonisin risk assessment in maize. *J. Chem.*, 2015, <http://dx.doi.org/10.1155/2015/485864>, 2015.
- 35- El Khoury R., Caceres I., Medina A., Lippi Y., Naylies C., Atoui A., El Khoury A., Oswald IP., **Bailly JD.**, Puel O. Deciphering the anti-aflatoxinogenic e-properties of eugenol using a large scale qPCR approach. *Toxins*, 8, 123, 2016.
- 36- Aleksic B., Bailly S., Draghi M., Pestka JJ., Oswald IP., Robine E., **Bailly JD.**, Lacroix MZ. Production of four macrocyclic trichothecenes by *Stachybotrys chartarum* during development on different building materials as measured by UPLC-MS/MS. *Building & Environment*, 106, 265-273, 2016.
- 37- El Khoury R., Caceres I., Puel O., Bailly S., Atoui A., Oswald IP., El Khoury A., **Bailly JD.** Identification of an anti-aflatoxinogenic aqueous extract from *Micromeria graeca* and elucidation of its molecular mechanism of action in *Aspergillus flavus*. *Toxins*, 9, pii: E87, 2017.
- 38- Aleksic B., Draghi M., Ritoux S., Bailly S., Lacroix M., Oswald I., **Bailly JD**, Robine E. Aerosolisation of mycotoxins after growth of toxigenic fungi on wallpaper. *Appl. Environ. Microbiol.* 83, 2017.
- 39- Caceres I., El Khoury R., Bailly S., Oswald IP., Puel O., **Bailly JD.** Piperine inhibits aflatoxin B1 production in *Aspergillus flavus* by modulating fungal oxidative stress response. *Fungal Genet Biol.*, 107, 77-85, 2017.
- 40- Regnier M., Gourbeyre P., Pinton P., Napper S., Laffite J., Cossalter AM., **Bailly JD.**, Lippi Y., Bertrand-Michel J., Bracarense AP., Guillou H., Loiseau N., Oswald IP. Identification of signaling pathways targeted by the food contaminant FB1 : transcriptome and kinome analysis of samples from pig liver and intestine. *Mol. Nutr. Food Res.*, 61, 2017.
- 41- Aleksic B., Draghi M., Gehin E., Ha TL., **Bailly JD.**, Crepon K., Moularat S., Robine E. Are VOCs an efficient way to detect fungal development in maize grains? *Agric. Food*, 6, 37-51, 2018.

- 42- Bailly S., El Mahgubi A., Carvajal-Campos A., Puel O., Oswald IP., **Bailly JD.**, Orlando B. Occurrence and identification of *Aspergillus* section *Flavi* in the context of aflatoxins emergence in French maize. *Toxins*, 10, 525, 2018.
- 43- Makhoulouf J., Carvajal-Campos A., Querin A., Tadriss S., Puel O., Lorber S., Oswald IP., Hamze M., **Bailly JD.**, Bailly S. Morphologic, molecular and metabolic biodiversity of *Aspergillus* section *Flavi* in spices marketed in Lebanon. *Sci. Reports*, 9, 5263, 2019.
- 44- Metayer JP., Travel A., Mika A., **Bailly JD.**, Cleva D., Boissieu C., Le Guennec J., Froment P., Albaric O., Labrut S., Lepivert G., Marengue E., Tardieu D., Guerre P. Lack of toxic interaction between fusariotoxins in broiler chickens fed throughout their life at the highest level tolerated in the European Union. *Toxins*, 11, 455, 2019.
- 45- Travel A., Metayer JP., Mika A., **Bailly JD.**, Cleva D., Boissieu C., Le Guennec J., Albaric O., Labrut S., Lepivert G., Marengue E., Froment P., Tardieu D., Guerre P. Toxicity of fumonisins, deoxynivalenol and zearalenone alone and in combination in turkeys fed with the maximum European Union-tolerated level. *Avian Disease*, 63: 703-712, 2019.
- 46- Caceres I., Al Khoury A., El Khoury R., Lorber S., Oswald IP., El Khoury A., Atoui A., Puel O., **Bailly JD.** Aflatoxin Biosynthesis and genetic regulation: a review. *Toxins*, 12, 150, 2020.
- 47- Peillod C., Laborde M., Travel A., Mika A., **Bailly JD.**, Cleva D., Boissieu C., Le Guennec J., Albaric O., Labrut S., Froment P., Tardieu D., Guerre P. Toxic effects of fumonisins, deoxynivalenol and zearalenone alone and in combination in ducks fed the maximum EU tolerated level. *Toxins*, 13, 152, 2021.
- 48- Al Khoury A., Sleiman R., Atoui A., Hindieh P., Maroun RG., **Bailly JD.**, El Khoury A. Antifungal and anti-aflatoxicogenic properties of organs of *Cannabis sativa* L: relation to phenolic content and antioxidant capacities. *Arch. Microbiol.*, 223, 4485-4492, 2021
- 49- Hernandez C., Cadenillas L., El Mahgubi A., Caceres I., Durrieu V., Mathieu C., **Bailly JD.** *Mimosa tenuiflora* aqueous extract: role of condensed tanins in anti-aflatoxin B1 activity in *Aspergillus flavus*. *Toxins*, 13, 391, 2021.
- 50- Schambri P., Brunet S., **Bailly JD.**, Kleiber D., Levasseur-Garcia C. Effect of Popcorn popping mode on fumonisins and deoxynivalenol contamination levels. *Toxins*, 13, 486, 2021.
- 51- Costes L., Lippi Y., Naylies C., Jamin E., Genthon C., Bailly S., Oswald IP., **Bailly JD.**, Puel O. The solvent Dimethyl sulfoxide affects physiology, transcriptome and secondary metabolism of *Aspergillus flavus*. *J. Fungi*, 7, 1055, 2021.
- 52- Hernandez C., Cadenillas L., Mathieu C., **Bailly JD.**, Durrieu V. Preservation of *Mimosa tenuiflora* antiaflatoxicogenic activity using microencapsulation by spray-drying. *Molecules*, 27, 496, 2022.
- 53- Dopavogui L., Polizzi A., Fougere A., Gourbeyre P., Terciolo C., Klement W., Pinton P., Laffite J., Cossalter AM., **Bailly JD.**, Puel O., Lippi Y., Naylies C., Guillou H., Oswald IP., Loiseau N. Tissular genomic responses to oral FB1 exposure in pigs. *Toxins*, 14, 83, 2022

## Chapitres d'ouvrages

- 1- **Bailly JD.**, Guerre P. Mycotoxicoses in poultry. In *Mycotoxins in farm animals*, I. Oswald. (ed). Chap. 1, pp 1-28, Research Signpost, Kerala, India. 2008.
- 2- **Bailly JD.** Mycotoxin in poultry production : impact on animal performance and immunity. In *Formula for the future : nutrition or pathology ?*, Taylor-Pickard J.A., Stevenson Z. & Glebocka K. (ed.), Chap. 11, pp 231-266, Wageningen Academic Publishers, 2008.
- 3- **Bailly JD.**, Guerre P. Mycotoxin analysis in muscles. In *Handbook of muscle foods analysis*, L. Nollet & F. Toldra (ed). Chap. 36, pp 663-712, CRC press, London. 2009.
- 4- **Bailly JD.**, Guerre P. Mycotoxins in poultry and processed meat. In *Handbook of processed meat and poultry analysis*, L. Nollet & F. Toldra (ed.), Chap. 24, pp 499-544, CRC press, London. 2009.
- 5- **Bailly JD.**, Guerre P. Mycotoxin in meat and processed meat products. In *Safety of meat and processed meat*, F. Toldra (ed.), Chap. 4, pp 83-124, Springer, New York, 2009.
- 6- **Bailly JD.** Myco-estrogens. In *Analysis of endocrine disrupting compounds in food*. L. Nollet (ed). Chap 8, pp 219-228, Wiley-Blackwell, USA. 2011.
- 7- **Bailly JD.**, Le Bars J. Mycotoxicoses. In *Manuel de pathologie aviaire*. J. Brugère-Picoux (ed), Chap. 64, pp 340-350, 2015.
- 8- Herrera M., Anadon R., Iqbal SZ., **Bailly JD.**, Arino A. Climate change and food safety. In *Food safety, Basic concepts, recent issues and future challenges*. Selamat and Iqbal (ed), Springer, pp 149-160, 2016.

## Communications à des congrès scientifiques

- 1- **Bailly JD.**, Le Bars P., Pietri A., Bernard-Savary P., Benard G., Le Bars J. Evaluation of a fluorodensitometric method for multisample analysis of ergosterol in compound feeds. *Mycotox 98, Juillet 1998, Toulouse.*
- 2- **Bailly JD.**, Guerre P., Le Bars J., Raymond I., Burgat V. Intoxication of horses by fumonisin. *5<sup>ème</sup> symposium Toulouse-Munich, Mai 1997, Toulouse.*
- 3- **Bailly JD.**, Benard G., Le Bars J., Jouglar J.Y., Durand S., Guerre P. Fumonisin toxicity in ducks. *6<sup>ème</sup> symposium Toulouse-Munich, Mai 1999, Munich, Allemagne.*
- 4- Raynal M., Hugot A., **Bailly JD.**, Benard G., Guerre P. The effects of fumonisins on drug metabolizing enzymes activities in ducks. *6<sup>ème</sup> symposium Toulouse-Munich, Mai 1999, Munich, Allemagne.*
- 5- **Bailly JD.**, Bénard G., Le Bars J., Jouglar J.Y., Durand S., Burgat V., Guerre P. Subacute toxicity of fumonisins in growing duck. *Société Française de Toxicologie, Arcachon, Octobre 1999.*
- 6- Raynal M., Hugot A., **Bailly JD.**, Bénard G., Burgat V., Guerre P. Increased drug metabolizing enzymes activities during fumonisin exposure in duck. *Société Française de Toxicologie, Octobre 1999, Arcachon.*
- 7- Tran T.S., **Bailly JD.**, Querin A., Le Bars P., Guerre P. Fungal contamination of rice from south Vietnam, cyclopiazonic acid and ochratoxinA production by isolated strains. *Société Française de Toxicologie, Juin 2001, Dijon.*
- 8- Querin A., **Bailly JD.**, Le Bars-Bailly S., Bénard G., Guerre P. Citrinin synthesis in cheese by toxigenic strains : production and stability. *Société Française de Toxicologie, Juin 2001, Dijon.*
- 10- Tran TS., **Bailly JD.**, Quérin A., Le Bars P., Guerre P. Mycological analysis of rice samples from south Vietnam. Toxigenic potential of selected strains. *7<sup>ème</sup> symposium Toulouse-Munich, Mars 2002, Toulouse.*
- 11- Bénard G., **Bailly JD.**, Quérin A., Tardieu D., Guerre P. Effect of Deoxynivalenol on liver duck during starvation. *7<sup>ème</sup> symposium Toulouse-Munich, Mars 2002, Toulouse.*
- 12- Tardieu D., Tran TS, **Bailly JD.**, Bénard G., Guerre P. Liquid chromatography determination of sphinganine/sphingosine ratio in duck serum. *7<sup>ème</sup> symposium Toulouse-Munich, Mars 2002, Toulouse.*
- 13- Tran TS., Tardieu D., **Bailly JD.**, Quérin A., Bénard G., Guerre P. Effect of fumonisin exposure on sphinganine/sphingosine ratio in duckling during starvation. *7<sup>ème</sup> symposium Toulouse-Munich, Mars 2002, Toulouse.*
- 14- Tabuc, C., **Bailly JD.**, Bailly, S., Querin A., Guerre, P. Toxigenic potential of Penicillium strains isolated from dry cured meat products and stability of the produced toxins. *XI IUPAC symposium on mycotoxins and phycotoxins, mai 2004, Bethesda, USA.*
- 15- Tran, S.T., **Bailly JD.**, Tardieu, D., Durand, S., Bénard, G., and Guerre, P. Kinetics of different markers of fumonisin exposure in ducks. *XI IUPAC symposium on mycotoxins and phycotoxins, mai 2004, Bethesda, USA.*
- 16- Oswald I., Marin D., Bouhet S., Pascal F., **Bailly JD.**, Miller JD., Taranu I. *In vitro* and *in vivo* effect of fumonisin B<sub>1</sub> on pig lymphocytes: implication for the immune response to vaccination. *XI IUPAC symposium on mycotoxins and phycotoxins, mai 2004, Bethesda, USA.*
- 17- **Bailly JD.**, Gaudel M., Querin A., Guerre P. Development of a toxicity test for mycotoxins using *Artemia salina* shrimps ; application to the evaluation of residual toxicity of contaminated meat products. *1<sup>ère</sup> journées des Sciences vétérinaires, Novembre 2005, Toulouse.*
- 18- Feau S., Bénard G., Tardieu D., **Bailly JD.**, Tran ST., Guerre. Effect of fumonisin B<sub>1</sub> on liver organisation in ducks. *1<sup>ère</sup> journées des Sciences vétérinaires, Toulouse, Novembre 2005.*
- 19- Tran ST., Tardieu D., Auvergne A., **Bailly JD.**, Babilé R., Bénard G., Guerre P. Serum sphinganine to sphingosine ratio as a biomarker of dietary fumonisins during chronic exposure in ducks. *1<sup>ère</sup> journées des Sciences vétérinaires, Novembre 2005, Toulouse.*
- 20- **Bailly JD.**, Tardieu D, Auvergne A., Babilé R., Guerre P. Sphinganine and sphinganine to sphingosine ratio as a biomarker of dietary fumonisins during chronic exposure in ducks. *5<sup>th</sup> International Meeting of the Sphingolipid Club, 2-4 novembre 2006, Calella de la costa, Spain.*
- 21- Tardieu D., **Bailly JD.**, Auvergne A., Benard G., Babilé R., Guerre P. Toxicokinetics and residues of fumonisins in mule ducks. *XII IUPAC symposium, Istanbul, Turkey, May 2007.*
- 22- Tabuc C., Guerre P, Taranu I., **Bailly JD.** Fungal mycoflora and mycotoxins contents of cereals produced in south east of Romania during 2002-2004 harvests. *XII IUPAC symposium, May 2007, Istanbul, Turkey.*
- 23- **Bailly JD.**, Tran ST., Tabuc C., Bailly S., Querin A., Guerre P. Fungal species and mycotoxin contamination of Vietnamese corn: preliminary study. *XII IUPAC symposium, May 2007, Istanbul, Turkey.*
- 24- **Bailly JD.**, Elouartassi S., Bailly S., Ouadia A., Querin A., Le Bars P., Guerre P. Fungal contamination of spices from Marrakech region (Morocco), toxigenic potential of isolated strains and residues in spices. *XII IUPAC symposium, May 2007, Istanbul, Turkey.*

- 25- Tardieu D., **Bailly JD.**, Guerre P. Toxicocinétique de la Fumonisine B1 chez le canard mulard et risqué de contamination des production au cours du gavage. Colloque "Progrès de la recherché sur les mycotoxines de Fusarium des cereales" 11-13 septembre 2007, Arcachon.
- 26- Tardieu D., **Bailly JD.**, Skiba F., Grosjean F., Guerre P. Dosage de la fumonisine B1 dans les matrices carnées et application à la recherché de contamination chez la dinde. Colloque "Progrès de la recherché sur les mycotoxines de Fusarium des cereales" 11-13 septembre 2007, Arcachon.
- 27- Tardieu D., **Bailly JD.**, Skiba F., Metayer J.P., Grosjean F., Guerre P. Toxicocinétique de la Fumonisin B1 chez la dinde. Colloque "Progrès de la recherché sur les mycotoxines de Fusarium des cereales" 11-13 septembre 2007, Arcachon.
- 28- Tardieu D., Tran T.S., **Bailly JD.**, Skiba F., Metayer J.P., Grosjean F., Guerre P. Impact d'une exposition chronique aux fumonisines chez la dinde. Colloque "Progrès de la recherché sur les mycotoxines de Fusarium des cereales" 11-13 septembre 2007, Arcachon.
- 29- Guerre P., Tardieu D., **Bailly JD.**, Benard G., Skiba F., Metayer J.P., Gorsjean F., Auvergne A., Babile R. Nouvelles données sur le devenir et les effets des fumonisines chez la volaille. Colloque "Progrès de la recherché sur les mycotoxines de Fusarium des cereales", 11-13 septembre 2007, Arcachon.
- 30- **Bailly JD.** Impact of mycotoxin on turkey production. *Third turkey science and production conference, April 2009, Manchester.*
- 31- **Bailly JD.** Mycotoxins: scientific questions and toxic accident in farms. *ECVCN congress, Octobre 2009, Sardaigne.*
- 32- Bailly S., Querin A., Guerre P., **Bailly JD.** La stachybotryotoxicose, une mycotoxicose d'actualité en France. 36<sup>ème</sup> Journées de la recherche équine, Mars 2010, Paris.
- 33- El Maghubi A., Bailly S., Querin A., **Bailly JD.** Modulation de la synthèse de l'aflatoxine B1 par des extraits aqueux de poivre. 2<sup>ème</sup> Journées Mycotoxines, Février 2011, Toulouse.
- 34- Benamou-Smith A., Plouzeau E., Bailly S., **Bailly JD.**, Bellil P., Gaillard Y. Sudden Deaths in captive zebra: cases of atypical myopathy in wild equids. 4<sup>th</sup> congress of the European College of Equine Internal Medicine, Février 2011, Hannover, Germany.
- 35- Levasseur-Garcia C., **Bailly JD.**, Kleber D., Surel O. Near Infrared Spectroscopy used to assess fungal biomass: a tool to classify maize samples regarding their fumonisin contents. *International CIGR Workshop on Food Safety, Avril 2011, Dijon.*
- 36- Roussel S., Grenouillet F., Bailly S., Skana L., Millon L, **Bailly JD.** Description morphologique et phénotypique de souches de *Stachybotrys* isolées de l'environnement. *Congrès de la Société Française de Mycologie Médicale, Mai 2011, Strasbourg.*
- 38- Merabti R., Bekhouche F., Bailly S., **Bailly JD.** Nutritional and sanitary quality of fermented wheat for Lemzeit couscous. *Second International Congress on Microbial Biotechnology for Development, October 2012, Marrakech, Maroc.*
- 39- Adjovi YCS., Bailly S., Gnonlonfin BJG., Tadrst S., Querin A., Sanni A., Oswald IP., Puel O., **Bailly JD.** Effet du manioc sur *Aspergillus flavus* et la production des aflatoxines. 3<sup>ème</sup> Journées Mycotoxines, janvier 2013, Brest.
- 40- **Bailly JD.** Mycotoxines et santé publique: questions d'actualité. 9<sup>ème</sup> congrès de la Société Française de Microbiologie, Février 2013, Lille.
- 41- Bailly S., Votion D., Roussel S., **Bailly JD.** Toxinogénèse de *Stachybotrys chartarum*: comparaison du potentiel toxigène de souches issues de contextes épidémiologiques différents. 39<sup>ème</sup> Journées de la Recherche Equine, Février 2013, Paris.
- 42- Merabti R., Bekhouche F., Bailly S., **Bailly JD.** Microbial flora of fermented wheat intended for fabrication of Couscous Lemzeit. 4<sup>th</sup> Symposium on Veterinary Science, Avril 2013, Toulouse.
- 43- Poulain L., **Bailly JD.**, Ceuster J., Niesten A., Serteyn D., Votion DM. Etude par respirométrie à haute resolution de l'impact de mycotoxines sur la respiration mitochondriale du muscle équin. 4<sup>th</sup> Symposium on Veterinary Science, Avril 2013, Toulouse.
- 44- Draghi M., **Bailly JD.**, Lacroix M., Bailly S., Moularat S., Robine E. Moisissures dans les environnements intérieurs: problématique des mycotoxicoses respiratoires. *Microbaéro, Octobre 2013, La Bourboule.*
- 45- El Mahgubi A., Puel O., Bailly S., Tadrst S., Querin A., Ouadia A., Oswald IP., **Bailly JD.** A survey of distribution and toxigenicity of *Aspergillus* section *Flavi* in spices. 35<sup>th</sup> mycotoxin workshop, May 2013, Ghent, Belgique.
- 46- Adjovi YCS., Bailly S., Gnonlonfin BJG., Tadrst S., Querin A., Sanni A., Oswald IP., Puel O., **Bailly JD.** The ability of cassava to inhibit aflatoxin synthesis explains the absence of contamination despite the presence of *Aspergillus flavus*. 35<sup>th</sup> mycotoxin workshop, May 2013, Ghent, Belgique.
- 47- Bailly S., Roussel S., Lacroix M., Aleksic B., Oswald IP., **Bailly JD.** Potentiel toxigène de souches de *Stachybotrys* issues de fourrages. 5<sup>ème</sup> journées mycotoxines, 5-6 juin 2014, Montpellier.

- 48- Guibert E., Prieur B., Métayer JP., **Bailly JD.**, Travel A., Antignac JP., Courant F., Cariou R., Brillard JP., Froment P. Effects of two molecules with estrogenic activity (zearalenone and ethinyl-estradiol) on the male germ cells. *European Poultry Conference 2014, 23-27 juin 2014, Stavanger, Norvège.*
- 49- Aleksic B., Bailly S., Draghi M., Oswald I., **Bailly JD.**, Lacroix M. Développement d'une méthode analytique permettant l'analyse de la toxogénèse de *Stachybotrys chartarum* sur matériaux. *Journée AFSEP, 13 novembre 2014, Toulouse.*
- 50- Lacroix M., Aleksic B., Bailly S., Draghi M., Robine E., **Bailly JD.** Développement et validation d'une méthode de dosage de mycotoxines par UPLC/MS/MS dans les matériaux d'environnement intérieur. *11<sup>ème</sup> congrès francophone des sciences séparatives, avril 2015, Paris.*
- 51- El Khoury R., Caceres I., Atoui A., Puel O., Oswald IP., **Bailly JD.**, El Khoury A. Hyssop, *Hyssopus officinalis*, a natural plant extract limiting aflatoxin production by *Aspergillus flavus*. *21<sup>o</sup> congrès LAAS, avril 2015, Beyrouth, Liban.*
- 52- Makhoulouf J., Bailly S., Querin A., Oswald IP., Puel O., **Bailly JD.**, Hamze M. Biodiversité des *Aspergillus* de la section *Flavi* dans les épices commercialisées au Liban. *21<sup>o</sup> congrès LAAS, avril 2015, Beyrouth, Liban.*
- 53- Aleksic B., Bailly S., Draghi M., Lacroix M., Oswald IP., Robine E., **Bailly JD.** Mycotoxin production during the development of toxigenic fungal species on materials used in indoor furnishing. *37<sup>th</sup> mycotoxin workshop, 1-3 June 2015, Bratislava, Slovaquie.*
- 54- Aleksic B., Draghi M., Ritoux S., Bailly S., Lacroix M., Oswald IP., **Bailly JD.**, Robine E. Exposure to toxic aerosol related to mycotoxinogenesis on building materials used in indoor environments. *European Aerosol Conference, 6-11 September, 2015, Milan, Italie.*
- 55- **Bailly JD.** *Stachybotrys chartarum* : health hazards related to its presence in both agricultural and indoor environments. *11<sup>th</sup> international scientific conference on biotechnology and quality of raw materials and foodstuffs. 27-29 January 2016, Stara Lesna, Slovakia.*
- 56- Bailly S., Roussel S., Aleksic B., Lacroix MZ., **Bailly JD.** Potentiel toxogènes de souches de *Stachybotrys* issues de fourrage. *42<sup>ème</sup> Journées de la Recherche Equine, Paris, 17 avril 2016.*
- 57- Makhoulouf J., Bailly S., Querin A., Oswald IP., Puel O., Hamze M., **Bailly JD.** Potentiel toxogène des *Aspergillus* de la section *Flavi* isolés d'épices commercialisées au Liban. *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 58- Aleksic B., Bailly S., Draghi M., Lacroix M., Oswald IP., Robine E., **Bailly JD.** Production of mycotoxins on construction materials by three toxigenic fungal species that are common contaminants of indoor environments. *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 59- Caceres I., El Khoury R., Oswald IP., Puel O., **Bailly JD.** Inhibition de la synthèse de l'AFB1 par l'Eugénol : caractérisation du mécanisme d'action. *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 60- Peillod C., Laborde M., Travel A., Mika A., **Bailly JD.**, Cleva D., Boissieu C., Le Guennec J., Albaric O., Labrut S., Lepivert G., Marengue E., Tardieu D., Guerre P. Impact des principales fusariotoxines en mono et multicontamination chez le canard au cours du gavage. *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 61- Métayer JP., Travel A., Mika A., **Bailly JD.**, Cleva D., Boissieu C., Le Guennec J., Froment P., Albaric O., Labrut S., Lepivert G., Marengue E., Tardieu D., Guerre P. Impact des principales fusariotoxines en mono et multicontamination chez le poulet de chair. *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 62- Bervis N., Bailly S., Herrera M., Gimenez I., Loran S., Carraminana JJ., Fregevu C., Anadon R., Herrera A., Arino A., **Bailly JD.** Fungal infection and aflatoxin contamination in Spanish and French maize samples. *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 63- Herrera M., Bervis N., Gimenez I., Loran S., Carraminana JJ., Anadon R., Herrera A., Arino A., **Bailly JD.** Deoxynivalenol mycotoxin in soft and durum wheat as affected by agronomic and climatic conditions. *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 64- El Khoury R., Caceres I., Atoui A., Oswald IP., El Khoury A., Puel O., **Bailly JD.** Inhibition of AFB1 synthesis by a Hyssop extract (*Hyssopus officinalis*). *6<sup>ème</sup> journées mycotoxines, 15-16 mars 2016, Toulouse.*
- 65- Makhoulouf J., Bailly S., Querin A., Carjaval A., Oswald I.P., Puel O., Hamze M., **Bailly JD.** Potentiel toxogène des *Aspergillus* de la section *Flavi* isolés d'épices commercialisées au Liban. *22<sup>ème</sup> congrès LAAS, Beyrouth, avril 2016.*
- 66- Aleksic B., Draghi M., Ritoux S., Bailly S., Lacroix M., Oswald IP., Robine E., **Bailly JD.** Transfer of mycotoxins from moldy wallpaper to indoor air. *38<sup>th</sup> mycotoxin workshop, 02-05 may 2016, Berlin, Germany.*
- 67- Caceres I., El Khoury R., Oswald IP., Puel O., **Bailly JD.** Use of a large-scale qPCR approach to understand the anti-aflatoxigenic effect of eugenol. *38<sup>th</sup> mycotoxin workshop, 02-05 may 2016, Berlin, Germany.*
- 68- Caceres I., El Khoury R., Naylis C., Lippi Y., Oswald I., Puel O., **Bailly JD.** Elucidation of the molecular mechanism of action induced by the natural compound piperine on aflatoxin B1 production. *ICFM 2016 Workshop, 13-17 June 2016, Freising, Germany.*

- 69- El Khoury R., Caceres I., Medina A., Lippi Y., Nayliss C., Atoui A., El Khoury A., Oswald IP., Puel O., **Bailly JD.** Use of a large-scale qPCR approach to understand the anti-aflatoxinogenic effect of Eugenol. *ICFM 2016 Workshop, 13-17 June 2016, Freising, Germany.*
- 70- Aleksic B., Draghi M., Ritoux S., Bailly S., Lacroix M., Oswald IP., **Bailly JD.**, Robine E. Evaluation of the exposure to the mycotoxins aerosolized after development of toxigenic moulds on wallpaper. *Indoor Air 2016, 3-8 July, Ghent, Belgium.*
- 71- Oswald IP., **Bailly JD.** Promising detoxification strategies to mitigate mycotoxins. *WMF meets IUPAC, 6-9 June 2016, Winnipeg, Canada.*
- 72- Bervis N., Herrera M., Bailly S., Loran S., Fregevu S., **Bailly JD.**, Arino A. Mycobiota and aflatoxin contamination in maize samples from Spain and France. *5th symposium on veterinary Sciences, Zaragoza, 3-4 November 2016.*
- 73- Draghi M., Aleksic B., Bailly S., Lacroix M., Ritoux S., **Bailly JD.**, Robine E. Study of mycotoxins aerosolized during the shaking of hays contaminated with *Stachybotrys chartarum*. *European Aerosol Conference, 4-9 September 2016, Tours, France.*
- 74- Aleksic B., Draghi M., Ritoux S., Bailly S., Lacroix M., Oswald I., **Bailly JD.**, Robine E. Aérosolisation des mycotoxines à partir de papier peint contaminé par des moisissures toxigènes. *Journées Interdisciplinaires de la Qualité de l’Air, Lille, 3-4 février 2017.*
- 75- **Bailly JD.** Impact of natural compounds on aflatoxigenic fungi. Control of microbial flows for the prevention of mycotoxins along food production chains. *Séminaire UMR Qualisud, Cirad, 11-12 octobre 2017, Montpellier.*
- 76- **Bailly JD.** Impact de l’eau de javel sur l’élimination des moisissures et des mycotoxines. *Colloque Moisissure, Santé, Habitat. Ministère de la Santé, 16 octobre 2017, Paris.*
- 77- Costes L., Querin A., Naylis C., Genthon C., Bailly S., Puel O., Oswald I., **Bailly JD.**, Lippi Y. Caractérisation de l’effet Anti-aflatoxinogène du diméthylsulfoxyde sur *Aspergillus flavus* par approche transcriptomique. *7<sup>ème</sup> journées mycotoxines, 18-19 janvier 2018, Bordeaux.*
- 78- Orlando B., Bailly S., El Mahgubi A., Carvajal-Campos A., Puel O., Oswald I., **Bailly JD.** Occurrence and identification of *Aspergillus* of the Flavi section in the context of Aflatoxin emergence in French maize. *10<sup>th</sup> World Mycotoxin Conference, 12-14 March 2018, Amsterdam, The Netherlands.*
- 79- Costes L., Querin A., Naylis C., Genthon C., Bailly S., Puel O., Oswald I., **Bailly JD.**, Lippi Y. Transcriptomic analysis of the anti-aflatoxinogenic property of dimethyl-sulfoxide in *Aspergillus flavus*. *10<sup>th</sup> World Mycotoxin Conference, 12-14 March 2018, Amsterdam, The Netherlands.*
- 80- **Bailly JD.** Contrôle de la production d’aflatoxine B1 par des extraits naturels. *Colloque SQUAD 2, 12-14 avril 2018, Tripoli, Liban.*
- 81- Aleksic B., Gehhin E., Draghi M., **Bailly JD.**, Crepon K., Robin E. An innovating device for early detection of fungal infestation in grains during the storage by measuring specific VOCs emissions. *Agriculture and Food International Conference, 20-24 June 2018, Elenite Holiday Village, Bulgaria.*
- 82- Aleksic B., Bailly S., Draghi M., Robine E., **Bailly JD.** Mycotoxin production, aerosolisation and resistance to remediation process on different indoor materials. *RILEM Conference – Microorganisms in cementious materials interaction, 25-26 juin 2018, Toulouse.*
- 83- Hernandez Hernandez C., Caceres I., Puel O., Durrieu V., **Bailly JD.**, Mathieu C. Intérêt du *Mimosa tenuiflora* pour son activité antimycotoxine. *Rencontre Francophones Légumineuses 2, 17-18 octobre 2018, Toulouse.*
- 84- Bailly S., Aleksic B., Draghi M., Roussel S., Grenouillet F., Robine E., **Bailly JD.** Danger lié à l’inhalation de mycotoxines produites par *Stachybotrys chartarum* lors de son développement dans les fourrages. *Rencontres scientifiques de l’ANSES : la recherche en santé travail, 24 octobre 2018, Paris.*
- 85- Bailly S., Orlando B., El Mahgubi A., **Bailly JD.** Aflatoxin emergence in French maize in relation with climate changes. *Journées mycotoxines 2020, 30-31 janvier 2020, Brest.*
- 86- Hernandez C., Cadenillas L., Caceres I., **Bailly JD.**, Mathieu C., Durrieu C. Characterization of the antiaflatoxin effect of an aqueous extract of *Mimosa tenuiflora* and relation of its anti-oxidant potential. *X congress latino americano de micologia, visioconference, December 2020.*
- 87- Bailly S., El Mahgubi A., Rocher O., Puel O., Orlando B., **Bailly JD.** Implanting of *Aspergillus* section *Flavi* in French maize fields in relation with climate changes. *42<sup>nd</sup> mycotoxin workshop, visioconference, June 2021.*
- 88- Hernandez C., Cadenillas L., El Mahgubi A., Caceres I., Durrieu V., Mathieu C., **Bailly JD.** Effect of *Mimosa tenuiflora* aqueous extract on aflatoxin B1 production in *Aspergillus flavus*: role of condensed tannins. *42<sup>nd</sup> mycotoxin workshop, visioconference, June 2021.*
- 89- Al Khoury A., Atoui A., Maroun R., **Bailly JD.**, El Khoury A. Antifungal and antiaflatoxinogenic properties of different organs of *Cannabis sativa* L: relation to phenolic content and antioxidant capacities. *42<sup>nd</sup> mycotoxin workshop, visioconference, June 2021.*

- 90- Hernandez C., Cadenillas L., Mathieu C., **Bailly JD.**, Durrieu V. use of microencapsulation by spray drying to preserve biological properties of a *Mimosa tenuiflora* aqueous extract. *Renewable resources and Biorefineries 2022, Bruges, June 2022.*
- 91- Cadenillas L., Durrieu V., **Bailly JD.** Screening for anti-aflatoxin B1 activity of Peruvian plants. *43<sup>rd</sup> mycotoxin workshop, Toulouse, June 2022.*
- 92- Orlando B., Bailly S., **Bailly JD.**, Callens J., Roucou A., Joly T., Deudon O. Implantation d'*Aspergillus* section *Flavi* dans le maïs français et risque aflatoxique associé en relation avec les changements climatiques. *Phloème 2002, Paris, Novembre 2022.*
- 93- Orlando B., Bailly S., Bailly JD. Implantation d'*Aspergillus* section *Falvi* dans le maïs français et déterminants agronomiques associés dans un contexte de changement climatique. *Végéphyll, 13<sup>ème</sup> conférence internationale sur les maladies des plantes, Orleans, Décembre 2022.*