

Articles originaux dans des journaux à comité de lecture (IF et Q de l'année de publication) :

- 1) **Couvé-Privat S.**, Bouadjar B., Avril M.-F., Sarasin A. and Daya-Grosjean L. (2002). Significantly high levels of ultraviolet-specific mutations in the smoothened gene in basal cell carcinomas from DNA repair-deficient xeroderma pigmentosum patients. **Cancer Res** (IF 8,318 Q1), 62: 7186-7189.
- 2) **Couvé-Privat S.**, Le Bret M., Traiffort E., Queille S., Coulombe J., Bouadjar B., Avril M.-F., Ruat M., Sarasin A. and Daya-Grosjean L. (2004). Functional analysis of novel sonic hedgehog gene mutations identified in basal cell carcinomas from xeroderma pigmentosum patients. **Cancer Res** (IF 7,690 Q1), 64: 3559-65.
- 3) Daviet S., **Couvé-Privat S.**, Gros L., Shinozuka K., Ide H., Saparbaev M. and Ishchenko A.A. (2007). Major oxidative products of cytosine are substrates for the nucleotide incision repair pathway. **DNA repair** (IF: 4,018 Q1), 6: 8-18.
- 4) **Couvé-Privat S.**, Mace G., Rosselli F. and Saparbaev M. (2007). Psoralen-induced DNA adducts are substrates for the base excision repair pathway in human cells. **Nucleic Acids Res** (IF 6.954 Q1), 35(17): 5672-82.
- 5) Petta T.B., Nakajima S., Zlatanou A., Despras E., **Couvé-Privat S.**, Ishchenko A., Sarasin A., Yasui A., Kannouche P. (2008). Human DNA polymerase iota protects cells against oxidative stress. **EMBO J.** (IF 8.295 Q1), 27(21): 2883-95.
- 6) **Couvé S.***, Macé-Aimé G.*, Rosselli F. and Saparbaev M. (2009). Human oxidative DNA glycosylase NEIL1 excises psoralen-induced interstrand DNA cross-links in the three-stranded DNA structure. **J Biol Chem** (IF 5.328 Q1), 284(18): 11963-70. *Equal contribution.
- 7) Macé-Aimé G.*, **Couvé S.*** Khassenov B., Rosselli F., and Saparbaev M. (2010). The Fanconi anemia pathway promotes DNA glycosylase-dependent excision of interstrand DNA cross-links. **Environ Mol Mutagen** (IF 3.493 Q1), 51(6): 508-19. *Equal contribution.
- 8) Redrejo-Rodríguez M., Saint-Pierre C., **Couvé S.**, Mazouzi A., Ishchenko A.A., Gasparutto D., Saparbaev M. (2011). New insights in the removal of the hydantoin, oxidation product of pyrimidines, via the base excision and nucleotide incision repair pathways. **PLoS One** (IF 4.092 Q1), 6(7): e21039.
- 9) Moréra S., Grin I., Vigouroux A., **Couvé S.**, Henriot V., Saparbaev and Ishchenko A. (2012) Biochemical and structural characterization of the glycosylase domain of MBD4 bound to thymine and 5-hydroxymethyluracil-containing DNA. **Nucleic Acids Res** (IF₂₀₁₂ 8,278 Q1), 40(19): 9917-26.
- 10) Talhaoui I. *, **Couvé S. ***, Ishchenko A., Schar P. and Saparbaev M. (2013) 7,8-dihydro-8-oxoadenine, a highly mutagenic adduct, is a substrate for human mono-functional DNA glycosylase and E. coli uracil-specific DNA glycosylase. **Nucleic Acids Res** (IF 8. 808 Q1), 41(2): 912-923. *Equal contribution.
- 11) Talhaoui I., **Couvé S.**, Gros L., Matkarimov B., Ishchenko A., Saparbaev M. (2014) Aberrant Repair Initiated by Mismatch-Specific Thymine-DNA Glycosylases Provides a Mechanism for the Mutational Bias Observed in CpG Islands. **Nucleic Acids Res** (IF₂₀₁₃ 8. 808 Q1), 42(10):6300-13.

- 12) Albiges L., Guegan J., Le Formal A., Verkarre V., Rioux-Leclercq N., Sibony M., Bernhard J.-C., Camparro P., Merabet Z., Molinie V., Allory Y., Orear C., **Couvé S.**, Gad S., Patard J.-J., Escudier B. (2014) MET is a potential target across all Papillary Renal Cell Carcinomas. Result from a large molecular study of pRCC with CGHa and matching Gene Expression array. **Clin Cancer Res** (IF₂₀₁₃ 8,193 Q1), 20(13):3411-21.
- 13) **Couvé S.**, Ladroue C., Laine E., Mathouk K., Guégan J., Gad S., Lejeune H., Lecomte B., Pagès J.-C., Collin C., Bressac de Paillerets B., Feunteun J., Dessen P., Lazar V., Tchertanov L., Mole D., Kaelin W., Ratcliff P., Richard S. Gardie B. (2014) Von Hippel-Lindau disease resulting from additional mutation in a family with Chuvash polycythemia allèle. **Cancer Res** (IF₂₀₁₃ 9,284 Q1), Nov 15;74(22):6554-64.
- 14) Messai Y, Noman MZ, Hasmim M, Janji B, Tittarelli A, Boutet M, Baud V, Viry E, Billot K, Nanbakhsh A, Ben Saffa T, Richon C, Ferlicot S, Donnadiou E, **Couvé S.**, Gardie B, Orlanducci F, Albiges L, Thierry J, Olive D, Escudier B, Chouaib S. (2014) ITPR1 Protects Renal Cancer Cells against Natural Killer Cells by Inducing Autophagy. **Cancer Res** (IF₂₀₁₃ 9,284 Q1), Dec 1;74(23):6820-32.
- 15) Benusiglio P*, Couvé S*, Gilbert-Dussardier B, Deveaux S, Le Jeune H, Da Costa M, Fromont G, Memeteau F, Yacoub M, Coupier I, Leroux D, Méjean A, Escudier B, Giraud S, Gimenez-Roqueplo A-P, Blondel C, Frouin E, Teh B.T., Ferlicot S, Bressac-de Paillerets B, Richard S, Sophie Gad. (2015) A germline mutation in PBRM1 predisposes to renal cell carcinoma. **Journal of Medical Genetics** (IF₂₀₁₃ 5,636 Q1), sous press. *Equal contribution.

Articles de revues

- 16) Daya-Grosjean L. and **Couvé-Privat S.** (2005). Sonic hedgehog signalling in basal cell carcinomas. **Cancer Lett** (IF 3,049 Q2), 225: 181-92.
- 17) Chouaib S., Messai Y., **Couvé S.**, Escudier B., Hasmim M. and Noman M.Z. (2012). Hypoxia promotes tumor growth in linking angiogenesis to immune escape. **Front Immunol** (Q3), 3: 21.
- 18) Richard S., Gardie B., **Couvé S.** and Gad S. (2013). von Hippel-Lindau: how a rare disease illuminates cancer biology. **Semin Cancer Biol** (IF 9.143 Q1), 23(1):26-37.

Chapitres d'ouvrage :

- 19) **Couvé-Privat S.**, Ishchenko A.A., Laval J. and Saparbaev M. (2006). Chapter on "Nucleotide Incision Repair: An alternative and ubiquitous pathway to handle oxidative DNA damage", in 'Oxidative Damage to Nucleic Acids' **Ed. Landes Bioscience**.
- 20) **Couvé S.**, Ishchenko A.A., Fedorova O., Ramanculov E. Laval J. and Saparbaev M. (2012). Chapter on « DNA Damage Reversal and Excision Repair » in « *Escherichia coli* and *Salmonella*: Cellular and Molecular Biology ». **ASM Press**, Washington, DC.