

## Publications

**2019** Références trouvées : 1

Nadiras C., Delaleau M., Schwartz A., Margeat E. and Boudvillain M (2019)

### [A Fluorogenic Assay To Monitor Rho-Dependent Termination of Transcription.](#)

Biochemistry (2019) [Epub ahead of print]

[Abstract](#)

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**2018** Références trouvées : 2

Nadiras C., Eveno E., Schwartz A., Figueroa-Bossi N. and Boudvillain M. (2018)

### [A multivariate prediction model for Rho-dependent termination of transcription.](#)

Nucleic Acids Research (2018) 46 (16) 8245-8260.

[Abstract](#)

Nadiras C., Schwartz A., Delaleau M. and Boudvillain M. (2018)

### [Evaluating the Effect of Small RNAs and Associated Chaperones on Rho-Dependent Termination of Transcription In Vitro.](#)

Methods in molecular biology (Clifton, N.J.), (2018) 1737, 99-118.

[Abstract](#)

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**2016** Références trouvées : 1

Porrúa O., Boudvillain M. and Libri D. (2016)

### [Transcription Termination : Variations on Common Themes](#)

Trends in genetics : TIG (2016) 32 (8) 508-522 - doi : 10.1016/j.tig.2016.05.007

[Abstract](#)

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**2015** Références trouvées : 4

Kondakova T., D'Heygere F., Feuilloley M. J., Orange N., Heipieper H. J. and Poc C. D. (2015)

## [Glycerophospholipid synthesis and functions in Pseudomonas](#)

Chemistry and Physics of Lipids (2015) 190, 27-42 - doi : 10.1016/j.chemphyslip.2015.06.006

[Abstract](#)

D'Heygère F., Schwartz A., Coste F., Castaing B., Boudvillain M. (2015)

## [ATP-dependent motor activity of the transcription termination factor Rho from Mycobacterium tuberculosis](#)

Nucleic Acids Research (2015) First published online : May 20, 2015 - doi : 10.1093/nar/gkv505

[Abstract](#)

D'Heygère F., Schwartz A., Coste F., Castaing B., Boudvillain M. (2015)

## [Monitoring RNA Unwinding by the Transcription Termination Factor Rho from Mycobacterium tuberculosis](#)

In "RNA Remodeling Proteins" (2015) vol. 1259, chap 18, 293-311 - doi : 10.1007/978-1-4939-2214-7\_18

[Abstract](#)

Gocheva V., Le Gall A., Boudvillain, M., Margeat, E., Nollmann M. (2015)

## [Direct observation of the translocation mechanism of transcription termination factor Rho](#)

Nucleic Acids Research (2015) 43 (4) 2367-2377 - doi : 10.1093/nar/gkv085

[Abstract](#)

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**2014** Références trouvées : 2

Soares, E., Schwartz, A., Nollmann, M., Margeat, M., Boudvillain, M. (2014)

## [The RNA-mediated, asymmetric ring regulatory mechanism of the transcription termination Rho helicase decrypted by time-resolved Nucleotide Analog Interference Probing \(trNAIP\)](#)

Nucleic Acids Research (2014) 42 (14) 9270-9284 - doi : 10.1093/nar/gku595

[Abstract](#)

Figueroa-Bossi, N., Schwartz, A., Guillemardet, B., D'Heygère, F., Bossi, L. and Boudvillain, M. (2014)

## [RNA remodeling by bacterial global regulator CsrA promotes Rho-dependent transcription termination](#)

Genes & Development (2014) 28 (11) 1239-1251 - doi : 10.1101/gad.240192.114

[Abstract](#)

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**2013** Références trouvées : 4

Menouni, R., Champ, S., Espinosa, L., Boudvillain, M., Ansaldi, M. (2013)

**[Transcription termination controls prophage maintenance in Escherichia coli genomes](#)**

Proceedings of the National Academy of Sciences 110 (35) 14414-14419

[Abstract](#)

Fiorini F., Boudvillain M., Le Hir H. (2013)

**[Tight intramolecular regulation of the human Upf1 helicase by its N- and C-terminal domains](#)**

Nucleic Acids Research 41 (4) 2404-2415

[Abstract](#)

D'Heygère F., Rabhi M., Boudvillain M. (2013)

**[Phyletic distribution and conservation of the bacterial transcription termination factor Rho.](#)**

Microbiology 159 (pt 7) 1423-1436

[Abstract](#)

Boudvillain M, Figueroa-Bossi N. and Bossi L. (2013)

**[Terminator still moving forward : expanding roles for Rho factor](#)**

Curr Opin Microbiol. 16 (2)118-124

[Abstract](#)

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**2012** Références trouvées : 2

Bossi, L., Schwartz, A., Guillemardet, B., Boudvillain, M. and Figueroa-Bossi, N. (2012)

**[A role for Rho-dependent polarity in gene regulation by a noncoding small RNA](#)**

Genes & Development 26 (16) 1864-1873

[Abstract](#)

Schwartz, A., Rabhi, M., Margeat, E. and Boudvillain, M. (2012)

## [Analysis of Helicase–RNA Interactions Using Nucleotide Analog Interference Mapping](#)

Methods in Enzymology 511 - 7 - 149-169

[Abstract](#)

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**2011** Références trouvées : 2

Rabhi, M., Espeli, O., Schwartz, A., Cayrol, B., Rahmouni, A. R., Arluison, V. & Boudvillain, M. (2011)

## [The Sm-like RNA chaperone Hfq mediates transcription antitermination at Rho-dependent terminators.](#)

Embo Journal 30 (14) 2805-2816

[Abstract](#)

Rabhi, M., Gocheva, V., Jacquinet, F., Lee, A., Margeat, E. & Boudvillain, M. (2011)

## [Mutagenesis-based evidence for an asymmetric configuration of the ring-shaped transcription termination Rho factor](#)

J. Mol. Biol. (2011) 405 (2) 497-518

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**2010** Références trouvées : 3

Rabhi, M., Tuma, R. & Boudvillain, M. (2010)

## [RNA remodeling by hexameric RNA helicases](#)

RNA Biology (2010) 7 (6) 655-666

Boudvillain, M, Nollmann, M. & Margeat, E. (2010)

## [Keeping up to speed with the transcription termination factor Rho motor](#)

Transcription 1 (2) 70-75

Rabhi, M., Rahmouni, A. R. & M. Boudvillain, M. (2010)

## [Transcription termination factor Rho : a ring-shaped RNA helicase from bacteria](#)

In "RNA helicases" Eckhard Jankowsky (Ed.) RSC Publishing, Londres, 243-271

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**2009** Références trouvées : 1

Schwartz, A., Rabhi, M., Jacquinet, F., Margeat, E., Rahmouni, A.R. & Boudvillain, M. (2009)

**[A stepwise 2'-hydroxyl activation mechanism for the bacterial transcription termination factor Rho helicase.](#)**

Nat. Struct. Mol. Biol. 16, 1309-1316.

**Abstract**

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**2005** Références trouvées : 1

Fedorova, O., Boudvillain, M., Kawaoka, J. and Pyle, A. M. (2005)

**[Nucleotide Analog Interference Mapping and Suppression : Specific Applications in Studies of RNA Tertiary Structure, Dynamic Helicase Mechanism and RNA-Protein Interactions](#)**

In "Handbook of RNA Biochemistry" (2005) p. 259-293 - doi : 10.1002/9783527619504.ch17