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Title: Towards therapeutic drug monitoring of everolimus in cancer? Results of an exploratory study of exposure-effect relationship

Authors: Marine Deppenweiler, Sabrina Falkowski, Franck Saint-Marcoux, Caroline Monchaud, Nicolas Picard, Marie-Laure Laroche, Nicole Tubiana-Mathieu, Laurence Venat-Bouvet, Pierre Marquet, Jean-Baptiste Woillard



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Towards therapeutic drug monitoring of everolimus in cancer? Results of an exploratory study of exposure-effect relationship.

Marine Deppenweiler^a, Sabrina Falkowski^b, Franck Saint-Marcoux^{a,c}, Caroline Monchaud^{a,c}, Nicolas Picard^{a,c}, Marie-Laure Laroche^a, Nicole Tubiana-Mathieu^b, Laurence Venat-Bouvet^b, Pierre Marquet^{a,c}, Jean-Baptiste Woillard^{a,c}

- Department of Pharmacology, Toxicology and Pharmacovigilance, University Hospital of Limoges, France
- Department of Oncology, University Hospital of Limoges, France
- UMR 850 INSERM, University Hospital of Limoges, France

Correspondence: Dr. JB Woillard, CBRS, Department of Pharmacology-Toxicology, Limoges University Hospital, 2 avenue Martin Luther King, 87042 Limoges Cedex, France.

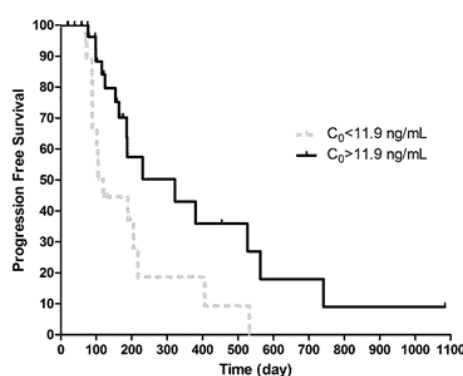
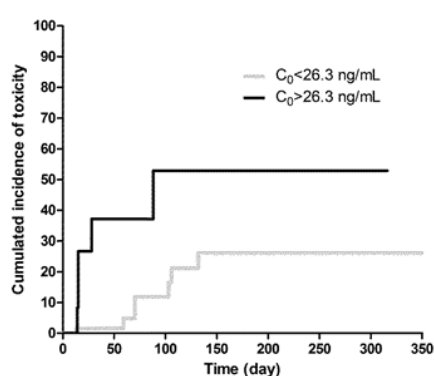
E-mail: jean-baptiste.woillard@unilim.fr

Tel: +33 5 55 05 61 40

Fax: +33 5 55 05 61 62

Graphical Abstract

- Associations between everolimus C_0 and Cumulated incidence of Toxicity or Progression Free Survival investigated in 54 patients treated for breast (n=42), renal (n=10) or neuroendocrine cancer (n=2).



- C_0 threshold >26.35 ng/mL associated to an increased risk of toxicity (HR= 4.12, IC95%=[1.48-11.5], $p=0.0067$).
- C_0 threshold <11.9 ng/mL associated to an increased risk of progression (HR=3.2, IC95%=[1.33-7.81], $p=0.001$).

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