



Endocrine side-effects of anti-cancer drugs: thyroid effects of tyrosine kinase inhibitors

Submitted by Emmanuel Lemoine on Tue, 02/24/2015 - 15:28

Titre	Endocrine side-effects of anti-cancer drugs: thyroid effects of tyrosine kinase inhibitors
Type de publication	Article de revue
Auteur	Illouz, Frédéric [1], Braun, D. [2], Briet, C. [3], Schweizer, U. [4], Rodien, Patrice [5]
Editeur	BioScientifica
Type	Article scientifique dans une revue à comité de lecture
Année	2014
Langue	Anglais
Date	2014
Numéro	3
Pagination	R91 - 9
Volume	171
Titre de la revue	European Journal of Endocrinology
ISSN	1479-683X
Mots-clés	Animals [6], Antineoplastic Agents/adverse effects [7], Endocrine System/drug effects/metabolism [8], Humans [9], Protein Kinase Inhibitors/adverse effects [10], Thyroid Diseases/chemically induced/metabolism [11], Thyroid Function Tests/methods [12], Thyroid Gland/drug effects/metabolism [13], Thyroid Hormones/metabolism [14]
Résumé en anglais	Tyrosine kinase inhibitors (TKIs) are currently used by most oncologists. Among their side effects, thyroid dysfunctions are nowadays clearly observed. Whereas changes in thyroid function tests have been originally described with sunitinib, we now know that many TKIs can induce hypothyroidism and hyperthyroidism. In this study, the various molecules implicated in thyroid dysfunctions are analysed and the latest data on physiopathological mechanisms are approached in order to propose a strategy of thyroid monitoring of patients on TKI therapy.
URL de la notice	http://okina.univ-angers.fr/publications/ua8235 [15]
DOI	10.1530/EJE-14-0198 [16]
Lien vers le document	http://dx.doi.org/10.1530/EJE-14-0198 [16]
Titre abrégé	Eur J Endocrinol

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=18788](http://okina.univ-angers.fr/publications?f[author]=18788)
[2] [http://okina.univ-angers.fr/publications?f\[author\]=13872](http://okina.univ-angers.fr/publications?f[author]=13872)
[3] [http://okina.univ-angers.fr/publications?f\[author\]=13873](http://okina.univ-angers.fr/publications?f[author]=13873)

- [4] [http://okina.univ-angers.fr/publications?f\[author\]=13874](http://okina.univ-angers.fr/publications?f[author]=13874)
- [5] <http://okina.univ-angers.fr/p.rod/publications>
- [6] [http://okina.univ-angers.fr/publications?f\[keyword\]=964](http://okina.univ-angers.fr/publications?f[keyword]=964)
- [7] [http://okina.univ-angers.fr/publications?f\[keyword\]=13163](http://okina.univ-angers.fr/publications?f[keyword]=13163)
- [8] [http://okina.univ-angers.fr/publications?f\[keyword\]=13164](http://okina.univ-angers.fr/publications?f[keyword]=13164)
- [9] [http://okina.univ-angers.fr/publications?f\[keyword\]=991](http://okina.univ-angers.fr/publications?f[keyword]=991)
- [10] [http://okina.univ-angers.fr/publications?f\[keyword\]=13165](http://okina.univ-angers.fr/publications?f[keyword]=13165)
- [11] [http://okina.univ-angers.fr/publications?f\[keyword\]=13166](http://okina.univ-angers.fr/publications?f[keyword]=13166)
- [12] [http://okina.univ-angers.fr/publications?f\[keyword\]=13167](http://okina.univ-angers.fr/publications?f[keyword]=13167)
- [13] [http://okina.univ-angers.fr/publications?f\[keyword\]=13168](http://okina.univ-angers.fr/publications?f[keyword]=13168)
- [14] [http://okina.univ-angers.fr/publications?f\[keyword\]=13169](http://okina.univ-angers.fr/publications?f[keyword]=13169)
- [15] <http://okina.univ-angers.fr/publications/ua8235>
- [16] <http://dx.doi.org/10.1530/EJE-14-0198>

Publié sur *Okina* (<http://okina.univ-angers.fr>)