

16 α -[18F]-fluoro-17 β -oestradiol ([18F]FES): A biomarker for imaging oestrogen receptor expression with positron emission tomography (PET)

Submitted by Franck Lacoeyille on Fri, 03/20/2015 - 23:10

Titre	16 α -[18F]-fluoro-17 β -oestradiol ([18F]FES): A biomarker for imaging oestrogen receptor expression with positron emission tomography (PET)
Type de publication	Article de revue
Auteur	Lefebvre-Lacoeyille, C�line [1], Lacoeyille, Franck [2], Rousseau, C. [3], Courbon, F. [4], Benard, F. [5], Couturier, Olivier-Fran�ois [6]
Editeur	Elsevier Masson
Type	Article scientifique dans une revue � comit� de lecture
Ann�e	2015
Langue	Anglais
Date	Jan-02-2015
Num�ro	1
Pagination	64-70
Volume	39
Titre de la revue	M�decine Nucl�aire
ISSN	09281258
R�sum� en anglais	<p>Oestrogens play a major role in the development of gynaecological oestrogen-dependent diseases that overexpress oestrogen receptors (ER+). The ER status is assessed using immunohistochemistry analysis of tissues samples. It is believed that a non-invasive method such as positron emission tomography (PET) that would accurately evaluate and quantify in vivo the presence of ER could play an important role in managing such diseases. PET using fluorinated oestrogen analogues may be helpful in selecting patients who will benefit from endocrine therapy or could be used to identify high-grade cancer with poorer prognosis. Among more than 20 fluorinated oestrogens analogues that have been proposed as PET tracer candidates, 16α-[18F]fluoro-17β-oestradiol ([18F]FES) has been the most actively investigated in preclinical and clinical studies.</p>
URL de la notice	http://okina.univ-angers.fr/publications/ua9083 [7]
DOI	10.1016/j.mednuc.2015.02.005 [8]
Titre abr�g�	M�decine Nucl�aire

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=7739](http://okina.univ-angers.fr/publications?f[author]=7739)
- [2] <http://okina.univ-angers.fr/franck.lacoeyille/publications>
- [3] [http://okina.univ-angers.fr/publications?f\[author\]=10667](http://okina.univ-angers.fr/publications?f[author]=10667)
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=15981](http://okina.univ-angers.fr/publications?f[author]=15981)

- [5] [http://okina.univ-angers.fr/publications?f\[author\]=15982](http://okina.univ-angers.fr/publications?f[author]=15982)
- [6] <http://okina.univ-angers.fr/olivierfrancois.couturier/publications>
- [7] <http://okina.univ-angers.fr/publications/ua9083>
- [8] <http://dx.doi.org/10.1016/j.mednuc.2015.02.005>

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