



## OFFERTA DI EXPERTISE - Programma Horizon 2020

Nuovi approcci per migliorare i test predittivi per la salute umana	
<b>Codice bando</b>	H2020-PHC-2015-single-stage_RTD (PHC33)
<b>Link bando</b>	<a href="http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-phc-2015-single-stage_rtd.html#tab1">http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-phc-2015-single-stage_rtd.html#tab1</a>
<b>Richiedente</b>	<p><u>Isabelle Franceschini</u>, specializzata :</p> <ul style="list-style-type: none"><li>• nello sviluppo e nella plasticità di circuiti neurali sensibili all'estrogeno che regolano la funzione riproduttiva nei topi, nei ratti, nelle pecore e nei maiali con approcci cellulari e molecolari, neuroatomici e fisiologici;</li><li>• nelle colture neuroendocrinali derivate da modelli di tessuti neurali di feti e neonati di roditori e animali domestici;</li><li>• negli effetti di disturbi endocrinali sulla fisiologia riproduttiva, sui comportamenti e i relativi circuiti neurali.</li></ul> <p><b>Pubblicazioni relative all'argomento del bando:</b></p> <p>- Naule L., Picot M., Martini M., Parmentier C., Hardin-Pouzet H., Keller M., Franceschini I., Mhaouty- Kodja S. 2014. Neuroendocrine and behavioral effects of maternal exposure to oral bisphenol A in female mice. <i>Journal of Endocrinology</i> 220 (3), 375-388</p> <p>- Picot M., Naule L., Marie-Luce C., Martini M., Raskin K., Grange-Messent V., Franceschini I., Keller M., Mhaouty-Kodja S. 2014. Vulnerability of the neural circuitry underlying sexual behavior to chronic adult exposure to oral bisphenol A in male mice. <i>Endocrinology</i> 155 (2), 502-512</p> <p>- Batailler M., Droguerre M., Baroncini M., Fontaine C., Prevot V., Migaud M. 2013. DCX expressing cells in the vicinity of the hypothalamic neurogenic niche: A comparative study between mouse, sheep and human tissues. <i>Journal of Comparative Neurology</i> , In Press</p> <p>- Franceschini I., Desroziers E. 2013. Development and aging of the kisspeptin-GPR54 system in the mammalian brain: what are the impacts on female reproductive function? <i>Frontiers in Endocrinology</i> 4, Article 22 p: 1-20</p> <p>- Geller S., Kolasa E., Tillet Y., Duittoz A., Vaudin P. 2013. Olfactory ensheathing cells form the microenvironment of migrating GnRH-1 neurons during mouse development. <i>Glia</i> 61 (4), 550-566</p> <p>- Pillon D., Cadiou V., Angulo L., Duittoz A.H. 2012. Maternal exposure to 17-alpha-ethinylestradiol alters embryonic development of GnRH-1 neurons in mouse. <i>Brain Research</i> 1433, 29-37</p> <p>- Desroziers E., Droguerre M., Bentsen A.H., Robert V., Mikkelsen J.D., Caraty A., Tillet Y., Duittoz A., Franceschini I. 2012. Embryonic development of kisspeptin neurones in rat. <i>Journal of Neuroendocrinology</i> 24 (10), 1284-1295</p>

	<ul style="list-style-type: none"> <li>- Desroziers E., Mikkelsen J.D., Duittoz A., Franceschini I. 2012. Kisspeptin-immunoreactivity changes in a sex- and hypothalamic-region specific manner across rat postnatal development. <i>Journal of Neuroendocrinology</i> 24 (8), 1154-1165</li> <li>- Tillet Y., Tourlet S., Picard S., Sizaret P.Y., Caraty A. 2012. Morphofunctional interactions between galanin and GnRH-containing neurones in the diencephalon of the ewe. The effect of oestradiol. <i>Journal of Chemical Neuroanatomy</i> 43 (1), 14-19</li> <li>- Migaud M., Batailler M., Pillon D., Franceschini I., Malpoux B. 2011. Seasonal changes in cell proliferation in the adult sheep brain and pars tuberalis. <i>Journal of Biological Rhythms</i> 26 (6), 486-496</li> <li>- Migaud M., Batailler M., Segura S., Duittoz A., Franceschini I., Pillon D. 2010. Emerging new sites for adult neurogenesis in the mammalian brain: a comparative study between the hypothalamus and the classical neurogenic zones. <i>European Journal of Neuroscience</i> 32 (12), 2042-2052</li> <li>- Constantin S., Caraty A., Wray S., Duittoz A.H. 2009. Development of gonadotropin-releasing hormone-1 secretion in mouse nasal explants. <i>Endocrinology</i> 150 (7), 3221-3227</li> <li>- Raskin K., De Gendt K., Duittoz A., Liere P., Verhoeven G., Tronche F., Mhaouty-Kodja S. 2009. Conditional inactivation of androgen receptor gene in the nervous system: effects on male behavioral and neuroendocrine responses. <i>Journal of Neuroscience</i> 29 (14), 4461-4470</li> <li>- Tillet Y., Picard S., Franceschini I. 2009 Hypothalamic neuropeptides and control of GnRH neurones. <i>Neuroanatomical study in the ewe. J Soc Biol.</i>;203(1):19-28</li> <li>- Agca E., Batailler M., Tillet Y., Chemineau P., Duittoz A.H. 2008. Modulation of estrogen receptors during development inhibits neurogenesis of precursors to GnRH-1 neurones: In vitro studies with explants of ovine olfactory placode. <i>Brain Research</i> 1223, 34-41</li> </ul>
<b>Scadenza del bando</b>	24-02-2015 Ore 17.00
<b>Contributo al progetto</b>	Sviluppo di colture cellulari neuroendocrinali per uno screening su larga scala di sostanze chimiche che hanno effetto sul controllo centrale della funzione riproduttiva (pubertà, comportamenti riproduttivi, etc) e per l'elaborazione di modelli predittivi dei pericoli delle sostanze inquinanti sulla salute riproduttiva.
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