

Name	Noura ELKHOURY
Educational Background	<ul style="list-style-type: none"> - PhD in Neurobiology, Université Laval, Québec, Canada - M Sc. in Cellular, Molecular and Functional Neurosciences, Université Paul Cézanne, Marseille, France - Maitrise ES Sciences, Biology, Lebanese University
Summary of career to date (150 -250 words)	<ul style="list-style-type: none"> - 2017- Present: Assistant Professor, Lebanese University , department of speech therapy, department of laboratory sciences - Assistant Professor, University of Balamand, School of Arts and Sciences. 2014- Present: Assistant Professor, Lebanese International University, School of Arts and Sciences - 2014-2018: Lecturer, American University of Beirut - Teaching neurosciences and psychology courses for both undergraduate and master students - Topics: Anatomy, physiology and pathologies of the nervous system - Neuroscience of behavior
Research interests and specialty (List up to 5)	<ul style="list-style-type: none"> - Alzheimer's disease - Tau pathology - Types 1 and Type 2 Diabetes Mellitus - Brain insulin dysfunction
List of publications (Preferable)	<ul style="list-style-type: none"> - Tau hyperphosphorylation in the brain of ob/ob mice is due to hypothermia: importance of thermoregulation in linking diabetes and Alzheimer's disease - Gratuze M, El Khoury NB, Turgeon A, Julien C, Marcouiller F, Morin F, Whittington RA, Marette A, Calon F, Planel E (2016) <i>Neurobiology Of Disease</i>, (98):1-8, DOI: 10.1016/J.NBD.2016.10.004 - Hypothermia mediates age-dependent increase of tau phosphorylation in db/db mice - El Khoury NB, Gratuze M, Petry FR, Papon Ma, Carl Julien C, Marcouiller F, Morin F, Nicholls SB, Calon F, Hébert SS, Marette A, Planel E (2016) <i>Neurobiology of Disease</i>, (88):55-65; DOI: 10.1016/J.NBD.2016.01.005 - Dexmedetomidine increases tau phosphorylation under normothermic conditions <i>in vivo</i> and <i>in vitro</i> Whittington RA, Virág L, Gratuze M, Petry FR, Noël A, Poitras I, Truchetti G, Marcouiller M, Papon MA, El Khoury NB, Wong K, Bretteville A, Morin F, Planel P (2015) <i>Neurobiol Aging</i>, (36): 2414-18; DOI: 10.1016/J.NEUROBIOLAGING.2015.05.002 - Insulin dysfunction and Tau pathology - El Khoury NB, Gratuze M, Papon MA, Alexis Bretteville A, Planel E (2014) <i>Front. Cell. Neurosci.</i> 8 :22. DOI: 10.3389/fncel.2014.00022 - Anesthesia-induced hypothermia mediates decreased ARC gene and protein expression through ERK/MAPK inactivation - Whittington RA, Bretteville A, Virág L, Emala CW, Maurin TO, Marcouiller F, Julien C, Petry FR, El Khoury NB, Morin F, Charon J, Planel E (2013). <i>Sci. Rep.</i> 3, 1388 ; DOI : 10.1038/srep01388

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| | <ul style="list-style-type: none">- Deregulation of PP2A and hyperphosphorylation of tau protein following onset of diabetes in NOD mice Papon MA*, El Khoury NB*, Marcouiller F, Julien C, Morin F, Gaudreau S, Amrani A, Mathews PM, Hébert SS, Planel E(2013) <i>Diabetes</i> (61): 1-9; DOI: 10.2337/db12-0187. *equal contributions- Dimethyl sulfoxide induces both direct and indirect tau hyperphosphorylation- Julien C, Marcouiller F, Bretteville A, El Khoury NB, Baillargeon J, Hébert SS, Planel E (2012) <i>PLoS ONE</i> 7(6): e40020- Hypothermia-induced hyperphosphorylation: a new model to study tau kinase inhibitors- Bretteville A, Marcouiller F, Julien C, El Khoury NB, Petry FR, Poitras I, Mougnot D, Lévesque G, Hébert SS, Planel E (2012) <i>Sci. Rep.</i> 2, 480; DOI: 10.1038/srep00480- Propofol directly increases tau hyperphosphorylation- Whittington RA, Virág L, Marcouiller F, Papon MA, El Khoury NB, Julien C, Morin F, Emala CW, Planel E (2011) <i>PloS ONE</i> 6(1): e16648- Alzheimer's disease and anesthesia- Papon MA, Whittington RA, El Khoury NB, Planel E (2011) <i>Frontiers in Neuroscience</i> (4): 1-7 (invited review article) |
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