

Les conséquences audiolologiques **INSOUPSONNÉES** d'une exposition sonore

surdités liées au bruit
fatigabilité neurale – surdit  cach e

Fabrice GIRAUDET



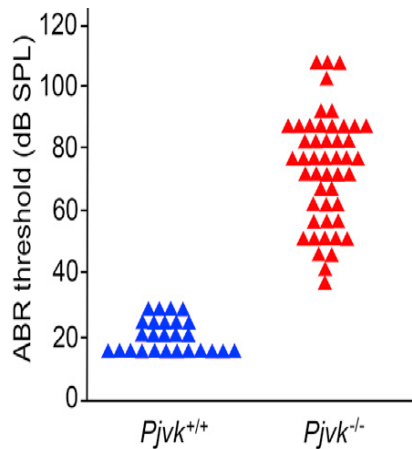
Fatigabilité neurale auditive

Hypervulnerability to Sound Exposure through Impaired Adaptive Proliferation of Peroxisomes Cell 2015

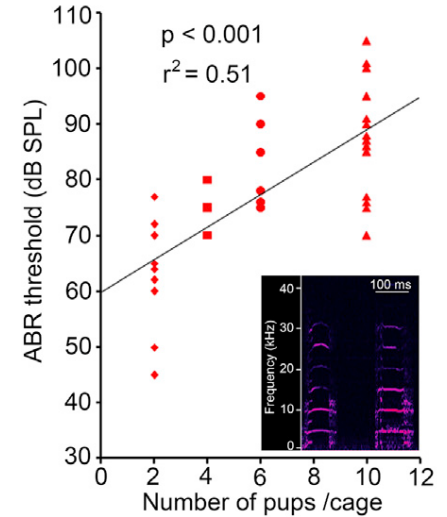
Pejvakine - DFNB59 surdité neurosensorielle

non-syndromique autosomale récessive

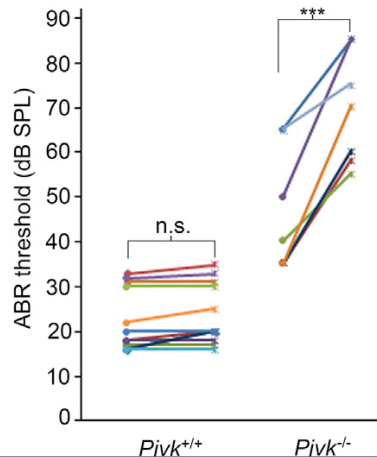
seuil auditif @10kHz



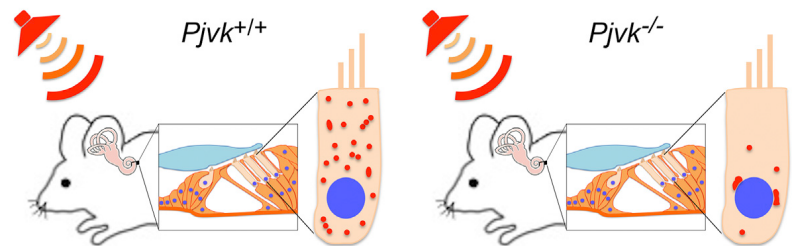
portée= entre 5 et 12 petits, maximum 18
..... mais que 10 mamelles!!!!.



exposition acoustique
105dB SPL 1min



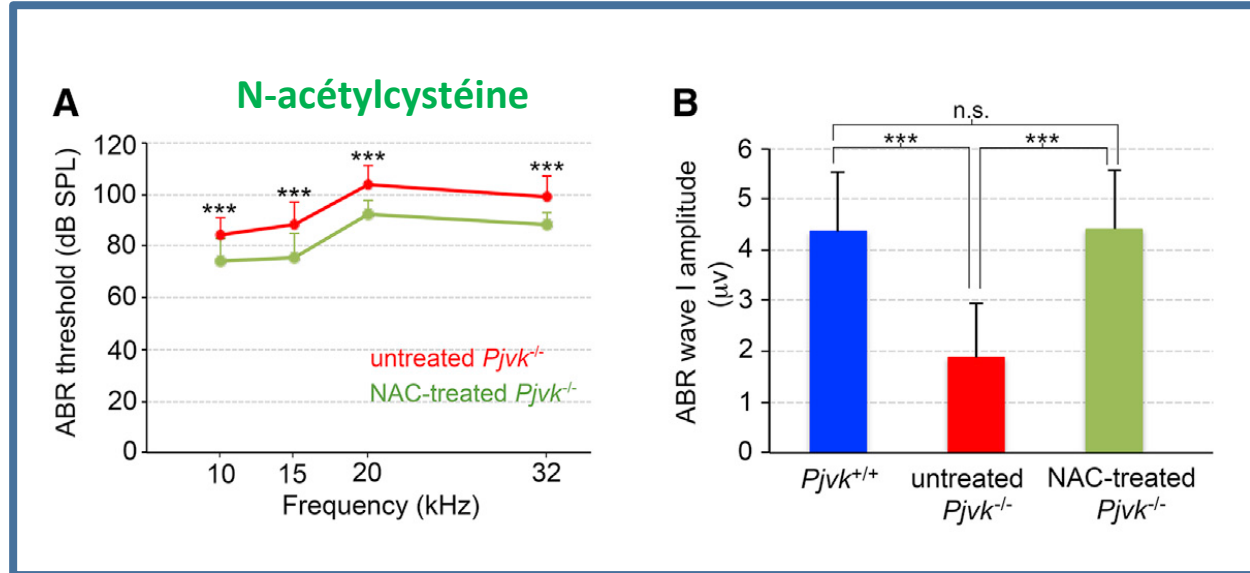
After sound-exposure



stress oxydatif

Fatigabilité neurale auditive

Hypervulnerability to Sound Exposure through Impaired Adaptive Proliferation of Peroxisomes *Cell* 2015

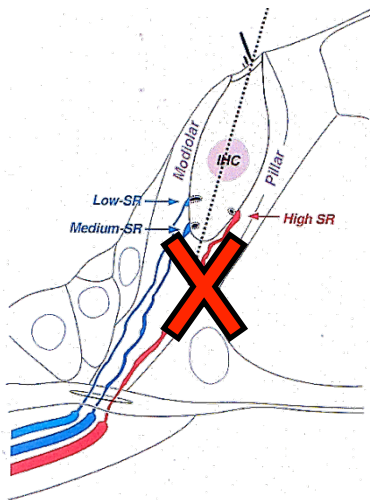
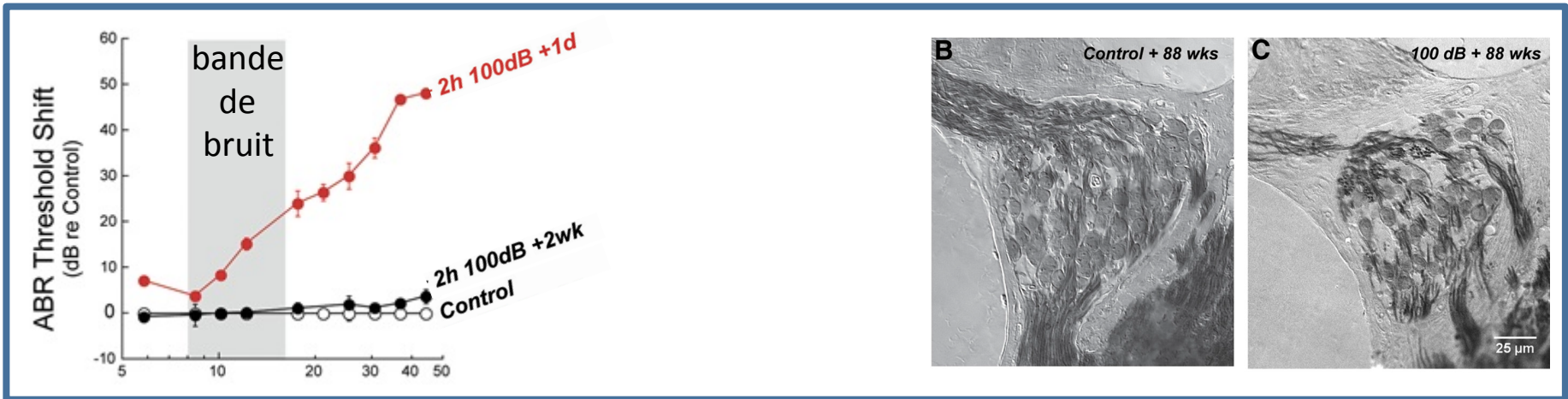


Fatigabilité neurale auditive

Aging after Noise Exposure: Acceleration of Cochlear Synaptopathy in "Recovered" Ears

J of Neuroscience 2015

conséquences tardives d'une exposition acoustique chez le jeune!



« *surdité cachée* »

hypersensibilité auditive

