

Indo-German Lab of LVPEI

Sensitive periods for the functional specialization of the neural system for human face processing

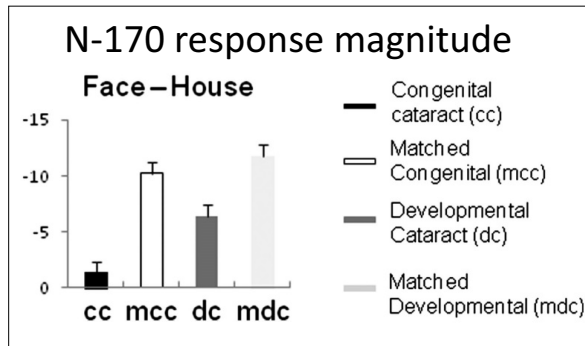
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Source: <https://thispersondoesnotexist.com/>



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Parts of the human visual cortex generate a characteristic “N-170” EEG response to human faces, as opposed to other visual stimuli like houses or places, indicating a specialized neural system for face processing. In individuals with a history of delayed surgery for bilateral congenital cataracts, no specialized response to faces was observed. By contrast, the N-170 was normal in developmental cataract reversal individuals suggesting that high level visual areas need early visual input to fully differentiate.

Full text here:
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