

Syndrome E: Pathological Process or Inheritance of Evolution?

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ABSTRACT

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In human decision making, many processes of different hierarchical levels are taken into account in order to produce a behaviour: Ethics and Social norms as much as lower level physiological processes such as stress level, aggressiveness and physiological needs (thirst, hungriness, libido etc.). In a given context, The chosen behaviour results from competition mechanisms that involve cortical and sub cortical structures. What are the conditions that allow Syndrome E to emerge? Why, in certain

context, individuals produce behaviour that are against they own original social belief and ethical values? In this talk, I will expose what insight a phylogenic approach of neuroscience can bring to us to answer these questions.

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