**Title**: The evolutionary history of primate intelligence.

**Subtitle**: From the earliest primates to human origins.

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**Abstract:**

Animals collect and process the information they need to survive and reproduce. I think of animals as scientists. Even an amoeba can tell “real” from “fake” (irrelevant, misleading) inputand react appropriately. In contrast, many living humans are poor scientists. It is curious that so many people have no filter for fake information and no concept of cause and effect. This irrationality may be the greatest threat to our species today. Looking into the past, rational behavior characterized our ancestors; we find many examples of selection for enhanced cognitive processing in primates. This survey of primate evolution focuses on the evolution of intelligence, primarily in lineages that inform us more directly about the evolutionary events leading to the origin of human intelligence.

**Keywords**: Primate evolution, Euprimates, Anthropoids, Hominoids, Cognition