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**FrameIntell**

**Linguistic framing of artificial and biological intelligence:  
uncovering implicit concepts of cognition and their ethical consequences**

**Summary**

Neurosciences and artificial intelligence share the central topic of 'intelligence'. The leading hypothesis of our interdisciplinary proposal is that this commonality, together with the growing impact of artificial intelligence, has fundamental consequences for our self-understanding as human beings and, hence, for the foundations of ethics. We will test this hypothesis in a combined linguistic, hermeneutic and scientific approach, based on the analysis of large, representative text corpora from neurosciences, artificial intelligence, and related ethical-legal discussions. Our aims are (1) to uncover explicit and hidden concepts of intelligence, cognition and personhood from the three text corpora; (2) to reveal similarities and differences between the respective concepts; (3) to reflect the ethical significance of conceptual interferences between artificial intelligence and neurobiology; (4) to support public discourse and future research by providing an open source platform with a methodological blueprint for conceptual and ethical analyses of large text corpora. With this, we hope to give important impulses to the ongoing discussion about anthropological and ethical challenges in the age of artificial intelligence.