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Authors: Marianne Wondrak, Elin Conzelmann, Ariane Veit, Ludwig Huber



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## **Pigs (*Sus scrofa domesticus*) categorize pictures of human heads**

*Running Head:* CATEGORIZATION IN PIGS

Marianne Wondrak, Elin Conzelmann, Ariane Veit & Ludwig Huber

Comparative Cognition, Messerli Research Institute, University of Veterinary Medicine Vienna,  
Medical University of Vienna, University of Vienna, Vienna, Austria

Author note

*\*Corresponding author:* Ludwig Huber

Messerli Research Institute, University of Veterinary Medicine Vienna, Veterinärplatz 1, 1210

Vienna, Austria

Phone: +43 1 25077-2680

Email: ludwig.huber@vetmeduni.ac.at

Web site: [www.vetmeduni.ac.at/messerli](http://www.vetmeduni.ac.at/messerli)

### **Highlights**

- pigs learned to visually discriminate between the frontal and the posterior view of human heads
- they successfully generalised to 16 novel humans, thereby proving open-ended categorization
- they used face-specific or orientation-dependent rather than simple cues like color or brightness

### **Abstract**

Scientists as well as farmers are increasingly interested in the mental capacities of pigs. Recent research has revealed surprising cognitive abilities, such as episodic memory, intentional deception and even theory of mind. Still, our knowledge about perceptuo-cognitive abilities, especially in the

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