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## **Gangliosides and anti-ganglioside antibodies in neuromuscular synaptic function**

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# Gangliosides and anti-ganglioside antibodies in neuromuscular synaptic function



**Femke Zitman**

## Cover image

Gangliosides form one group of the sphingolipids, which physiologist and biochemist JLW Thudichum (1829 - 1901) discovered in 1884 as a new class of membrane lipids. Because of the riddle of their function, he named these membrane lipids after the sphinx of Thebe, which is also known for its riddles in Greek mythology (Dobrowski and Carter, 1998; Breathnach, 2001; Futerman and Hannun, 2004). The cover image shows Oedipus sitting with the Sphinx while thinking over the riddle he has to solve: "Which creature in the morning goes on four feet, at noon on two, and in the evening upon three?" Oedipus did solve the riddle.

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