

Association of olfactory impairment and short telomere length

the smell of biological aging?

Olfactory dysfunction



?

Short telomere length (TL)
= Biological aging

Frailty



Prospective observational study



138 patients aged 65+



From a preoperative anesthesia clinic



Sniffin' Sticks extended test



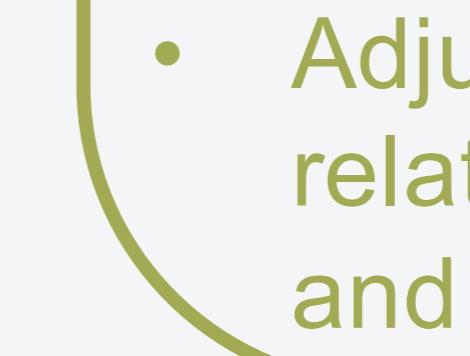
Measure of TL in leukocytes using the Flow-FISH technique



- Significant association between short TL (<10th percentile) and lower olfactory scores (TDI, identification)



23.2% with short TL



46.2% with short TL

- Adjusting for frailty hindered the relationship between short TL and olfactory dysfunction

x 2

ISSN 0300-0729