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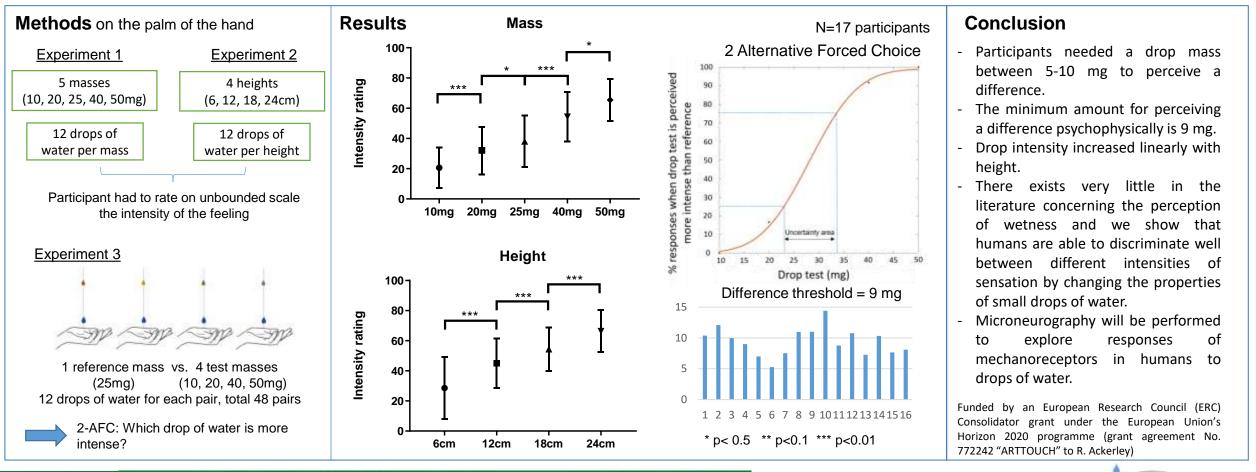


Ale Marselle Investigating how humans perceive differences between drops of water

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Introduction We have receptors in our skin that allow us to sense and interact with liquids in our environment, *e.g.* to determine if it's raining or to adapt our grip force on a wet object so that it does not slip. As humans do not have hygroreceptors, wetness perception relies on the integration of tactile information conveyed by low-threshold mechanoreceptors and/or temperature information conveyed by thermoreceptors (Filingeri & Ackerley, 2017). We aimed to investigate how participants perceive drops of water at room temperature, by modulating the height and the mass of a drop and we hypothesized that participants would readily be able to quantify these differences.





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