Perbedaan Sensitivitas Indera Pengecap Rasa Manispada Perokok
dan Non Perokok

Abstrak:

Tongue as the taste sense is very important for the human life. Tongue function is presented by taste bud. Sensitivity on the tongue of one of them is influenced by smoking habits. When smoked cigarettes, nicotine that contain in the cigarettes are condensed will be stick to the teeth, tongue, palatum, gingiva, taste bud and sense of taste reseptor membrane around the taste pore and inhibit the food interaction substances into reseptor taste, especially in the sweet taste and salty. The aim of the research is to proof the hypothesis there is any sensitivity difference antara non smoke group and smoke group. This research menggunakan post test only control group design and give the same perlakuan for two groups. Subject will be tested their sweet taste thresholds by dropping sucrose at the anterior of the tongue from 0,01M until subject sense the sweet sensation. The result then being analyzed using Mann-Whitney Test to show any significant result. Both of groups shows a significant differences with $p = 0,0001$.

Keyword:

Tongue, taste bud, sweet, smoked, sensitivity differences