

The duality of art and science through neurotransmitters an applied study in the field of visual art

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Abstract:

Throughout the history of art there are many examples of the duality of art and science, but these few examples that have been highlighted illustrate how important art is in helping us understand many scientific issues, and the potential that art offers to science by applying an artistic lens to these scientific topics. Art and science together help us interpret, study and explore the world around us.

In this applied research study, the effect of hormones on the psychological state of human beings was addressed. Hormones have always manipulated human feelings, both men and women, and this manipulation reached its peak during the period of the spread of the Covid-19 virus. Some became more vulnerable to mental illness. During that period, we became closer to dolls moved by hormones, exposing them to the harshest fears and darkest perceptions. The hormones formed masks that made us see reality not throughout the eye of truth, but we saw it throughout the eye of fear.

Hence, the researcher produced a group of artworks regarding with how hormones manipulate our feelings and bodies and presented them in an art exhibition called neurotransmitters. Where the hexagonal shapes, which are hormones in their chemical form, were used in plastic solutions with the characters of the artwork. The human body is an arena in which hormones struggle to color our daily lives with different feelings: happiness, confusion, sadness, anxiety, nervous pressure, and others, transforming life into a human drama, few of us are aware of its meaning and understand it, but the majority wear the hormonal mask and are ignorant of the fact that this struggle exists daily after day, hour after hour, moment after moment. The colors used add another dimension to the artwork, as the color does not carry the conventional meaning, the white is a symbol of purity, another meaning is hidden behind it, and the black does not necessarily mean sadness, the symbolic intake is different, varied, and proportional to the effect of each hormone.

Key words:

Neurotransmitters – hormones – artwork