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## **Influence of p-nitroaniline on the structure of the liquid crystal of the sodium salt of di-(2-ethylhexyl) sulfosuccinic acid (AOT) /N-heptane-water system**

The effect of p-nitroaniline on a model of biological membranes consisting of the sodium salt of di-(2-ethylhexyl) sulfosuccinic acid-n-heptane and water was studied by X-ray analysis.

Structural changes, phase transformations, changes in the degree of compactness of the liquid crystal structure, thereby changing the conditions of transport phenomena through model membranes, have been established by the influence of p-nitroaniline.

**Author:** SARGSYAN, Anahit (IAPP)

**Co-authors:** BAGHDASARYAN, Davit (IAPP); GRIGORYAN, Syuzi

**Presenter:** GRIGORYAN, Syuzi

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