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Crystal structures of host-guest complexes of carboxylated pillar[5]arene with drugs

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Crystal structure of the complexes of carboxylated pillar[5]arene, a water-soluble macrocyclic host, with guanidine and amidine drugs (eg. alexidine and pentamidine) provide important information on the host-guest interactions and self-assembly in the solid state. Such complexes can potentially be used in the design of drug delivery systems.

Primary author: BUTKIEWICZ, Helena (Institute of Physical Chemistry Polish Academy of Sciences)

Co-authors: Dr DANYLYUK, Oksana (Institute of Physical Chemistry Polish Academy of Sciences); Dr SASHUK, Volodymyr (Institute of Physical Chemistry Polish Academy of Sciences); KOSIOREK, Sandra (Institute of Physical Chemistry Polish Academy of Sciences)

Presenter: BUTKIEWICZ, Helena (Institute of Physical Chemistry Polish Academy of Sciences)

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