Title: Sn- and Ge- triorganometallics exert different cytotoxicity and modulation of migration in triple-negative breast cancer cell line MDA-MB-231

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Sn- and Ge- triorganometallics **exert different cytotoxicity and modulation of migration in triple-negative breast cancer cell line MDA-MB-231**

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Highlights

- Tributyltin derivatives are more cytotoxic than the triphenyltin ones.
- TBGe and TPGe, non RXR ligands, do not inhibit growth of MDA-MB-231 cells.
- Seven of tested triorganotins cause caspase-3/7 dependent apoptosis.
- Less effective derivatives (TBGe, TPGe, and TPT-Ac) reduce migration of tested cancer cells.