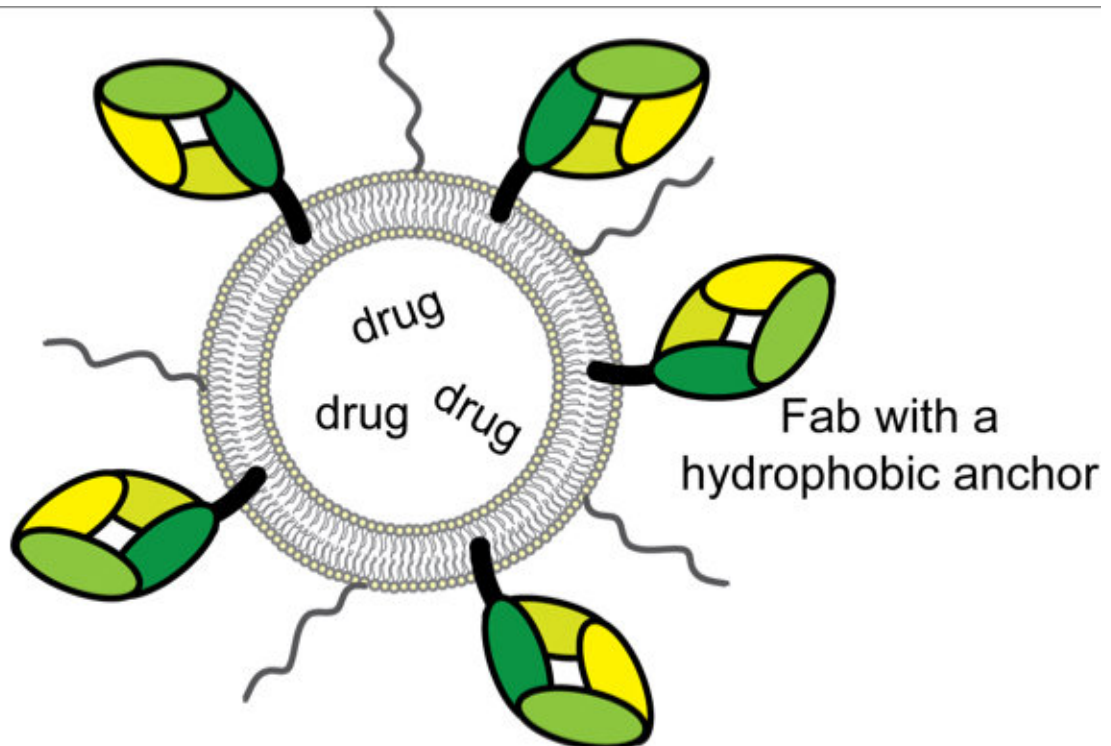


Researchers explore a new way of specific drug delivery using liposomes

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Fab-liposome

Illustration of the novel Fab-liposome functionalized with the hydrophobic anchor-equipped Fab fragment on the surface and harbouring a therapeutic drug in its core. Credit: Medical University of Vienna

Liposomes are successful drug delivery vehicles prescribed for several

types of cancer but also for treatment of fungal infections or pain management. Now researchers from the Medical University of Vienna show a straightforward method to functionalize liposomes for specific targeting, potentially paving the way to personalized medicine. The study has now been published in *Nanomedicine: Nanotechnology, Biology, and Medicine*.

The concept of liposomal [drug](#) delivery has revolutionised the pharmaceutical field and came into practice some 20 years ago when the first liposomal formulation of the anti-cancer drug doxorubicin was approved for clinical use. Liposomes,

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