

Supplementary data S1

Reference	Formulations			Drugs		Overview of Products	
	Liposomes	Lipid-based	Other nanoparticles or assimilated	AmB	Others	Products on the market	under clinical trials
Original points							
Hafner et al., 2014.	x		x	x	x	x	x
Discussion on nanosimilars, problems about the regulatory issues and the translation from bench to market							
Bekersky et al., 1999.	x		x		x		
Focus on the clinical data of AmB formulations							
Allen and Cullis, 2013.	x			x	x	x	x
Discussion on PEGylated liposomes, triggered release liposomes, targeted liposomes							
Bobo et al., 2016.	x		x	x	x	x	x
Chronologic overview of the market							

Anselmo and Mitragotri, 2016.

X X X X X X

Anselmo and Mitragotri, 2019.

Discussion on translation challenges (difference between human and animal models, biodistribution, scale-up, nanoparticle optimization)

Weissig et al., 2014.

X X X X X X

Discussion on pharmaco-economy and clinical data on AmB formulations

Voltan et al., 2016.

X X X X X

Only focus on antifungals, on targeted microorganisms and related indications and products under pre-clinical development

Sosnik and Carcaboso, 2014.

X X X X X X

Only focus on pediatric diseases, and mainly on cancer

Fernandez-Garcia et al., 2017.

X X X X X X

Emphasize on the type of drug delivery system and the effect of particle size on efficacy, toxicity and biodistribution

References

Hafner A., Lovrić J., Lakoš G.P., Pepić I. Nanotherapeutics in the EU: an overview on current state and future directions. *Int J Nanomedicine* 2014;9:1005–23. <https://doi.org/10.2147/IJN.S55359>.

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Weissig V., Pettinger T.K., Murdock N. Nanopharmaceuticals (part 1): products on the market. *Int J Nanomedicine* 2014;9:4357–73. <https://doi.org/10.2147/IJN.S46900>.

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Sosnik A., Carcaboso A.M. Nanomedicines in the future of pediatric therapy. *Adv Drug Deliv Rev* 2014;73:140–61. <https://doi.org/10.1016/j.addr.2014.05.004>.

Fernandez-Garcia R., de Pablo E., Ballesteros M.P., Serrano D.R. Unmet clinical needs in the treatment of systemic fungal infections: The role of amphotericin B and drug targeting. *Int J Pharm* 2017;525:139–48. <https://doi.org/10.1016/j.ijpharm.2017.04.013>.