

LIST OF PUBLICATIONS ABOUT FLASHRNA® / LENTIFLASH®

Note that our RNA technology has changed name from LentiFlash to FlashRNA in 2023.

- (1) Creff J, Lamaa A, Benuzzi E, Balzan E, Pujol F, Draia-Nicolau T, Nougé M, Verdu L, Morfoisse F, Lacazette E, Valet P, Chaput B, Gross F, Gayon R, Bouillé P, Malloizel-Delaunay J, Bura-Rivière A, Prats AC, Garmy-Susini B. **Apelin-VEGF-C mRNA delivery as therapeutic for the treatment of secondary lymphedema.** EMBO Mol Med. 2024 Feb;16(2):386-415. doi: 10.1038/s44321-023-00017-7. Epub 2024 Jan 2. PMID: 38177539; PMCID: PMC10898257.
- (2) Totain, E., Lindner, L., Martin, N., Misseri Y., Iché A., Birling MC., Sorg T., Herault Y., Bousquet-Melou A., Bouillé P., Duthoit C., Pavlovic G., Boullier S. **Development of HPV16 mouse and dog models for more accurate prediction of human vaccine efficacy.** Lab Anim Res 39, 14 2023. <https://doi.org/10.1186/s42826-023-00166-3>
- (3) Mianné J, Nasri A, Nguyen Van C, Bourguignon C, Fieldès M, Ahmed E, Duthoit C, Martin N, Parrinello H, Louis A, Iché A, Gayon R, Samain F, Lamouroux L, Bouillé P, Bourdin A, Assou S, De Vos J. **Efficient CRISPR/Cas9-mediated gene knockout and interallelic gene conversion in human induced pluripotent stem cells using non-integrative bacteriophage-chimeric retrovirus-like particles.** BMC Biol 20, 8. 2022. <https://doi.org/10.1186/s12915-021-01214-x>
- (4) Lyu, P, Lu B. **New Advances in Using Virus-like Particles and Related Technologies for Eukaryotic Genome Editing Delivery.** International Journal of Molecular Sciences (2022). 23, no. 15: 8750. <https://doi.org/10.3390/ijms23158750>
- (5) Whisenant, D., Lim, K., Revêchon, G., Yao, H., Bergo, M. O., Machtel, P., ... & Eriksson, M. **Transient expression of an adenine base editor corrects the Hutchinson-Gilford progeria syndrome mutation and improves the skin phenotype in mice.** Nat Commun 13, 3068 (2022). <https://doi.org/10.1038/s41467-022-30800-y>

(6) **Gene therapy at the crossroads.** Nat Biotechnol 40, 621 (2022).
<https://doi.org/10.1038/s41587-022-01346-7>

(7) Prel A, Caval V, Gayon R, Ravassard P, Duthoit C, Payen E, Maouche-Chretien L, Creneguy A, Nguyen TH, Martin N, Piver E, Sevrain R, Lamouroux L, Leboulch P, Deschaseaux F, Bouillé P, Sensébé L, Pagès JC. **Highly efficient in vitro and in vivo delivery of functional RNAs using new versatile MS2-chimeric retrovirus-like particles.** Mol Ther Methods Clin Dev. 2015 Oct 21;2:15039. doi: 10.1038/mtm.2015.39. eCollection 2015.