

Overcoming Lipid-Induced Quenching in RNA Quantification Using RiboGreen ® Assay

Bilel Laoulaou, Hussein H Genedy, Marion Fusellier, Catherine Le Visage,

Jérôme Guicheux, Johann Clouet, Elise Lepeltier

▶ To cite this version:

Bilel Laoulaou, Hussein H Genedy, Marion Fusellier, Catherine Le Visage, Jérôme Guicheux, et al.. Overcoming Lipid-Induced Quenching in RNA Quantification Using RiboGreen ® Assay. SFNano 2024, Dec 2024, Toulouse, France. hal-04840988

HAL Id: hal-04840988 https://hal.science/hal-04840988v1

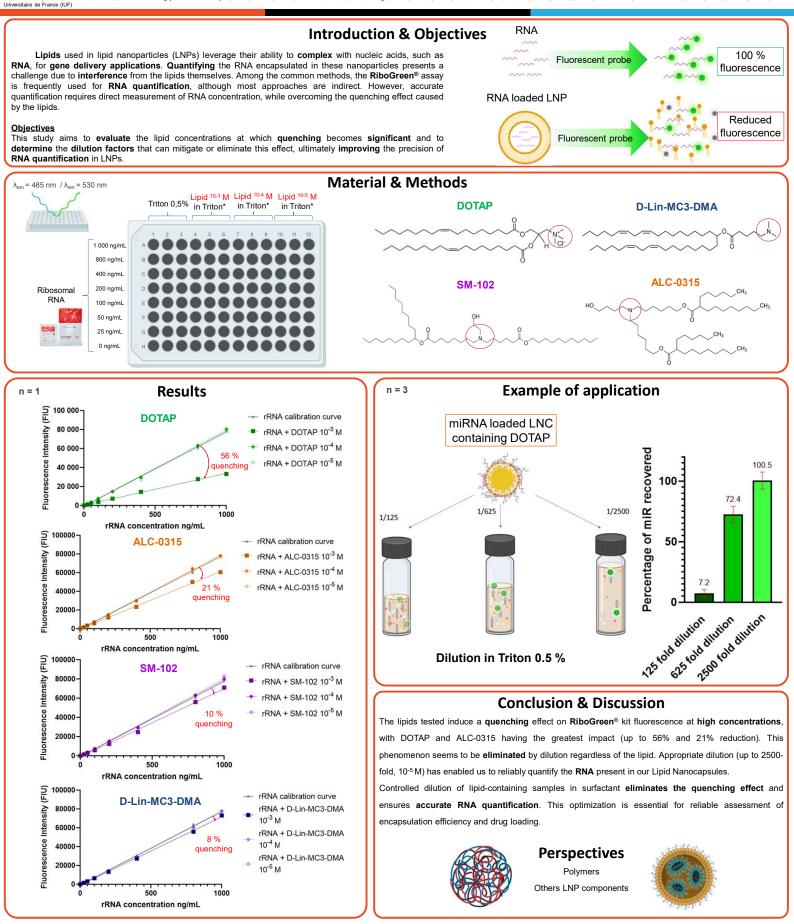
Submitted on 16 Dec 2024

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers. L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Overcoming Lipid-Induced Quenching in RNA Quantification Using RiboGreen[®] Assay Bilel Laoulaou^{1,2}, Hussein Genedy^{1,2}, Marion Fusellier^{1,3}, Catherine Le Visage^{2,4}, Jérôme Guicheux^{1,6,7}, Johann Clouet^{1,4,8}*, Élise Lepeltier^{2,9*}

Renter and Renter and

Bilel Laoulaou^{1,2}, Hussein Genedy^{1,2}, Marion Fusellier^{1,3}, Catherine Le Visage^{2,4}, Jérôme Guicheux^{1,6,7}, Johann Clouet^{1,4,8}', Élise Lepeltier^{2,9'} ¹ Nantes University, Oniris, CHU Nantes, INSERM, Regenerative Medicine and Skeleton, RMeS, UMR 1229, F-44000 Nantes, France; ² Univ Angers, INSERM, CNRS, MINT, SFR ICAT, F-49000 Angers, France; ³ Department of Diagnostic Imaging, CRIP, ONIRIS, College of Veterinary Medicine, Food Science and Engineeri Nantes F-44307, France; ⁴ Nantes Université, UFR Sciences Biologiques et Pharmaceutiques, Nantes, F-44035, France; ⁶ Nantes Université, UFR Odontologie, Nantes, F-44042, France; ⁷ CHU Nantes, PHU 4 OTONN, Nantes, F-44033, France; ⁸ CHU Nantes, PhU 11, Nantes, F-44033, France; ⁹ Inst



This study was supported by grants from the Agence de la Biomédecine, the Institut National de la Santé et de la Recherche Médicale (INSERM), the Région des Pays de la Loire, ANR PRC 2022 (NEMESIS project). The authors gratefully acknowledge the technical assistance they received from personnel of MINT and RMeS laboratories.

Acknowledament:

Linked in

MiNt