

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

Department of Pharmacy

Rif. FARM/AR/11/2023

Research fellowships pursuant to Italian Law 240/2010 – Article 22 (Italian denomination: “Assegni per attività di ricerca”)

Contract duration (months): 15

Salary (gross amount per year): €32.400,00

Scientific Area: Tecnologia Farmaceutica

Scientific sector: CHIM/09

Title of the research program: Progetto di Ricerca PNRR-POC-2022-12375713 “TARgeting drug resistant melanoma with miCroRNAs delivered by Lipid NanoparTICLES (TACTIC)” finanziato dal Ministero della Salute a valere sul PNRR SALUTE – “M6C2” – Innovazione, ricerca e digitalizzazione del servizio sanitario - I2.1: Valorizzazione e potenziamento della ricerca biomedica del SSN - CUP E63C22003200007.

Iniziativa finanziata dall’Unione Europea – NextGenerationEU.

Brief description of research program: Il Lipid nanoparticles (LNPs) encapsulating various combination of three oncosuppressor miRNAs, i.e. miR-204-5p, miR-199b-5p and miR-579-5p, will be prepared and fully characterized. Preparation and purification of the LNP will be carried out by different techniques, e.g. ethanol injection and extrusion, microfluidics, ultracentrifugation and tangential flow filtration. The activity will establish the optimal formulation parameters for LNP-miRs and will pave the way for further clinical translation and industrial scale-up of the formulation.

Research supervisor: Prof. Giuseppe De Rosa

Department hosting the research: Department of Pharmacy

RESULTS OF QUALIFICATION ASSESSMENT

| Candidate | Points | Oral interview |
|----------------------------|----------|----------------|
| 1) ROMANO EUGENIA | 16/30 | ADMITTED |
| 2) SUMAIRA IRUM KHAN | 15,75/30 | ADMITTED |
| 3) LAKSHMANAN ESWARAN | 15,5/30 | ADMITTED |
| 4) VARSHNEY GOPAL | 14,5/30 | ADMITTED |
| 5) FARHOUDI LEILA | 13,75/30 | ADMITTED |
| 6) OKAFOR NNAMDI IKENEFUNA | 10,25/30 | NOT ADMITTED |
| 7) RIAZ SANA | 3,5/30 | NOT ADMITTED |

| | | |
|--------------------------------|----|---------------------|
| HABIB RUKHSHANDA | -- | NOT ADMITTED |
| KHAN MUHAMMAD | -- | NOT ADMITTED |
| HOUSHMAND SARA | -- | NOT ADMITTED |
| SHAH DORDIZADEH SOMAYEH | -- | NOT ADMITTED |

To take part to the interview test, candidates must be present, equipped with a valid identification document, on 12th of January at 10:00 am, at the Department of Pharmacy

The interview will be held online by Microsoft Teams platform for candidates who requested by email at ricerca.dip.farmacia@unina.it before the 10th of January 2024.

Napoli, 10.01.2024

Prof. Giuseppe De Rosa