

**PNRR Missione 4, Componente 2, Investimento 1.4 “Potenziamento strutture di ricerca e creazione di "campioni nazionali di R&S" su alcune Key Enabling Technologies”**

*Iniziativa finanziata dall'Unione europea — NextGenerationEU.*

**National Center for Gene Therapy and Drugs based on RNA Technology**

**Sviluppo di terapia genica e farmaci con tecnologia a RNA**

Codice progetto MUR: **CN00000041** – CUP UNINA: **E63C22000940007**

**Doctorate of National Interest**

**RNA THERAPUETICS AND GENE THERAPY**

**SELECT ONE OF THE FOLLOWING RESEARCH AREA:**

- ☒ **Mechanisms of Diseases and Drug Target Identification**
- ☐ **Design and Delivery of New Gene Therapy and RNA-Based Medicines**
- ☐ **Validation and Safety In Preclinical and Clinical Studies**

**LOCATION OF THE RESEARCH ACTIVITY (INSTITUTION/DEPARTMENT):**

University of Bari Aldo Moro, DIMEPRE-J (Department of Precision and regenerative medicine and Ionian area), Nephrology Unit

**TUTOR:** Prof. Loreto Gesualdo

**PROPOSED RESEARCH ACTIVITIES (max 300 words):**

The PhD student will carry out scientific research activities in the field of Nephrology. In particular, the research activity will aim to evaluate the pathophysiological mechanisms underlying the pathogenesis of chronic kidney disease in diabetes through a personalized medicine approach. The PhD student will be particularly involved in the application of all the advanced technologies in the field of translational research, in order to promote the identification of possible therapeutic targets.