

**Progetti PRIN 2022**

<b>Titolo Progetto</b>	<b>Cognome Responsabile</b>	<b>Nome Responsabile</b>	<b>Ruolo</b>
Finding NEMO: ImmuNE-MODulation mechanisms in myelofibrosis	BOCCHIA	Monica	RU
Basal cell carcinoma: integration of clinical and molecular data to better classify and manage "difficult to treat" tumors	CINOTTI	Elisa	PI
Clinical, imaging and serological biomarkers to distinguish inflammatory demyelinating diseases: multidimensional diagnostic algorithm and long-term management	CORTESE	Rosa	PI
The role of MRI and artificial intelligence for improving disease classification and prediction of clinical worsening in multiple sclerosis	DE STEFANO	Nicola	RU
Deviant behaviors and violence in young people after COVID-19: sign of the times or consequence of the pandemic?"	FERRETTI	Fabio	PI
Cortisol secretion, sensitivity and activity in patients with hypertension, type 2 diabetes and osteoporosis	GENNARI	Luigi	RU
Algorithm-based prediction of imminent risk of falls and fragility fractures for osteoporosis and sarcopenia	CAFFARELLI [in sostituzione di Gonnelli Stefano]	CARLA	RU
Preclinical tumor organoid models in gastric cancer: the missing link for targeted therapy and personalized cancer treatment	ROVIELLO (sostituisce MARANO Luigi ex PI)	Franco	RU
The extended hand: psychophysical and neural foundations of a robotic supernumerary finger's use for grasping augmentation or recovery (Acronym: e-HAND)	ROSSI	Simone	PI
Searching for early warning signs in islet function and fate: a top down approach from clinical prediction of $\beta$ -cell dysfunction and diabetes to specific molecular targets for prevention strategies in humans	SEBASTIANI	Guido	RU
In-depth genetic study and clinical followup in fetuses with I and II trimester unspecific signs of increased risk to predict fetal prognosis and inform parental decision-making – PREN-EX	MARI	Francesca	PI
Immunotherapy of melanoma brain metastases: tumor monitoring and biomarker discovery by liquid biopsy	MAIO	MICHELE	PI



**Progetti PRIN 2022 PNRR**

<b>Titolo Progetto</b>	<b>Cognome Responsabile</b>	<b>Nome Responsabile</b>	<b>Ruolo</b>
Pharmacogenetics of Lenvatinib in advanced thyroid cancer patients: correlation with adverse events and clinical outcome	CASTAGNA	Maria Grazia	<b>PI</b>
IsomiRNAs as novel mediators of beta-cell dysfunction in the natural history of type 2 diabetes	SEBASTIANI	Guido	<b>PI</b>
Translating multi-omics profiles of metastatic melanoma into the clinic: understanding epigenetically-regulated response/resistance to immunotherapy	DI GIACOMO	Anna Maria	<b>PI</b>
Circulating miRNAs and isomiRs as response to treatment biomarkers in obese patients undergoing bariatric surgery (INSPIRER)	FORMICHI	Caterina	RU
Combined nano-based hyperthermia with targeted chemotherapy: a novel challenge for gastrointestinal malignancies (CHANCE)	MARRELLI	Daniele	RU

