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| SCIENTIFIC DISCIPLINARY AREA: MEDICINE |
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**RESEARCH PROGRAM NO. 12**

**The assessment criteria for the qualifications and the interview will be affixed on 3.8.2018 at 9.30** in Amministrazione DIMI, primo piano Retrocorpo, Dipartimento di Medicina interna e Specialità mediche (DIMI), Viale Benedetto XV, 10, 16132 Genova GE.

**The results of the qualification assessment as well as the names of the candidates admitted to the interview will be affixed on 3.8.2018 at 12.30** in Amministrazione DIMI, primo piano Retrocorpo, Dipartimento di Medicina interna e Specialità mediche (DIMI), Viale Benedetto XV, 10, 16132 Genova GE.

**The interview will be held on 3.8.2018 at 14.30** in Amministrazione DIMI, primo piano Retrocorpo, Dipartimento di Medicina interna e Specialità mediche (DIMI), Viale Benedetto XV, 10, 16132 Genova GE.

**Such a notice is equivalent to notification to all intents and purposes. All the candidates, who have not received notification of their exclusion, must sit for the exam, without prior notice, at the examination centre.**

**Scientific coordinator:** Prof. Maurizio CUTOLO

**NO.1 research fellowship - Duration 1 year – Annual pre-tax amount: € 19.367,00**

**Title:** Phenotype and functional characterization of the monocyte/macrophage population in systemic sclerosis and rheumatoid arthritis patients. Immunopathogenic aspects and correlations with different pharmacological treatments.

**Description:** Aim of the study will be the *in vitro* characterization of innate immunity cells and in particular of the role of monocyte/macrophage lineage in systemic sclerosis and rheumatoid arthritis pathogenesis. Molecular biology, flow cytometry and cell sorting will be used on samples from patients affected by both diseases, to characterize monocyte/macrophage phenotype. Moreover, the effect of several pharmacological treatments will be evaluated.

**Scientific disciplinary sector:** MED/16 REUMATOLOGIA

**Place:** Dipartimento di Medicina interna e Specialità mediche (DIMI)

**Required degree:**

Dottorato di ricerca in Immunologia

**Subjects of the interview:**

Role of innate immunity in systemic sclerosis and rheumatoid arthritis.

Innate immunity cell and in particular monocyte/macrophage phenotype and function characterization in systemic sclerosis and rheumatoid arthritis pathogenesis.

Molecular biology and flow cytometry study for the characterization of monocyte/macrophage lineage.

The candidate will need to prove his/her knowledge of the English language.