



Mr. Juan José Solano Jaurrieta is a specialist doctor in geriatrics, having made their specialist training in Hospital Central de la Cruz Roja and Hospital Universitario de Getafe from Madrid. At present, he is the director of Área de Gestión Clínica de Geriátría corresponding to the Área Sanitaria IV (Hospital Monte Naranco).

He is part of Red Española de Fragilidad y Envejecimiento (RETICEF) since its creation in 2006. Since that moment, began the collaboration between his group and the group directed by Dr. Coto-Montes, and this work culminated in the creation of the group for Investigación en Envejecimiento y Salud del Principado de Asturias (INVESPA). Through this collaboration we began work on aspects derived from the special physiology associated with aging, as the relationship between function, oxidative stress and inflammation, the character of acceleration of the aging process that suppose determined pathological situations, such as hypoxia or metabolic syndrome, having established the hypothesis that metabolic syndrome can be considered an interesting model study of accelerated aging. At this moment, we are carrying out a project financed by FISS which aims to establish the possible role of autophagy muscular level in the development of sarcopenia and functional loss in elderly who have suffered falls resulting in fracture.

At present, he continues to lead the Clinical Research Group Área de Gestión Clínica de Geriátría, through which are carrying out studies related to cardiovascular risk factors in elderly, nutrition, functional prognosis of acute stroke, conditions of emergency care in elderly and patient classification systems. In this last aspect, we are currently participating in two European projects, the first of them as collaborating center (MIDFRAIL) concerning the treatment of diabetes mellitus in elderly and the second one as a partner (FRAILCLINIC) concerning the possible impact of the interdisciplinary care of frail elders hospitalized in non-specialized services in aging.

During his research career, Mr. Juan José Solano Jaurrieta, has led or participated in more than ten research projects developed with financing from public and competitive calls (European Funds, National Plan of R+D, FISS, FICYT of Principado de Asturias), which allowed to publish the results in more than one hundred scientific publications, most of them in high-impact international journals.