Cancer, Ageing and Rejuvenation Graduate School - CARe

Master's Program

2023 - 2024

Title of the Teaching Unit (UE): Ageing 1, New challenges & specificities of clinical research in gerontology		
Semester: 9	**Number of ECTS: 3**	**Hourly volume: 26**
Teaching Team	Coordinator : Sophie Guyonnet (guyonnet.shu-toulouse.fr) Teaching team (in progress) : Sandrine Andrieu, Nicola Coley, Marie-Elise Llau, Nadège Costa	
Objective	- To remind the fundamental of clinical research - To present and to analyse the main gerontoly research projects locally, nationally and internationally conducted - To establish links with industrial partners and Silver Economy in the field of gerontology	
Content	- Research framework (organization, financial support, applicable laws, ethics (information & consent, personal safety, confidentiality) - Logistical aspects of clinical research (lead of research, scheduling, actors coordination) / Focus : Role of the pharmacist in the clinical research (coordination/ investigation) pharmacovigilance - Specificities of cohort studies & research conducted on elderly people (which place for health technologies?) - Biological collections & translational research - Which place for medico-economic evaluations in clinical research? Visit of the « Gérontôpole » and the Toulouse Cancer Research Center (CRCT) on half a day	
Pre-requisites		
Keywords	Clinical and translational research, ageing research and gerontology, cohort studies and biological collections	
Skills	- To conduct a reflexive and objective analysis which consider the stakes, problematics and the complexity of a demand or a situation in order to suggest a matching or innovative solution regarding the evolution of applicable laws - To identify, select and critically analyse several reference works in order to document a subject and resume these in data mining. - To communicate scientific results among a research team (integration in a professional team, cooperation, relational setting) in an international context (scientific English fluency) - To be aware of research implication in field of public health and ethics in science - To execute rules (clinical research, animal experimentation, health & safety, call for offers policies)	
Block of Skills	- Highly specialized knowledge development and incorporation - Specialized communication for knowledge transmission - Transformation of theorical knowledge in a professional context	