

**Annex 3.**  
**PhD Student Position**

Candidates must fulfill the following requirements in the moment of applying:

<b>- Ref. PR2017/021</b>	
<b>Job Title</b>	“PhD student in Molecular Biology of Nutrition, Metabolic Syndrome and Aging”
<b>Principal Investigator</b>	Pablo J. Fernandez-Marcos, PhD ( <a href="mailto:pablojose.fernandez@imdea.org">pablojose.fernandez@imdea.org</a> )
<b>Location</b>	Madrid, SPAIN
<b>Job Category</b>	Predoctoral researcher
<b>Job Description</b>	<p>Predoctoral Research Project: “Molecular mechanisms governing nutritional interventions against obesity, diabetes and other pathologies associated to aging”.</p> <p>The PhD student will gain expertise in molecular biology techniques to analyze nucleic acids (qPCR, RNAseq, ChIP), proteins (Western blot), cellular function (cellular culture, flow cytometry, confocal microscopy), and management and handling of mouse colonies for in vivo physiological experiments, for which he/she will acquire the license for experimental animal handling. The student will benefit from intense, fulfilling and exciting scientific work in a young laboratory, and will be exposed to different research centers and groups with which our group constantly collaborates.</p>
<b>Qualifications</b>	<p>The applicant should have had at least 3 months of prior experience in a research laboratory, preferably on molecular biology techniques as those described in the Job Description. In particular, experience in flow cytometry, cell culture and/or animal handling will be specially appreciated. Reference letters from prior teachers, laboratory group leaders or people relevant in her/his career will also be welcome.</p> <p>Fluent use of English is desirable and ability to work independently on routine assignments, positive attitude and good communication skills are desired</p>
<b>Education requirements</b>	BS Degree in Nutritional or Biomedical Sciences (Biology, Biochemistry, Pharmacy, Nutrition, Food Science, Chemistry, Medicine...) and the admission in a Spanish official to PhD Program* are required.

\* Exceptionally, if you do not have it yet, please remember that it will be necessary at the moment of your incorporation to IMDEA.