

1 (one) PhD studentship (Marie Skłodowska-Curie Early Stage Researcher) for the program “Healthage”: Lifespan Regulation Mechanisms in Health and Disease”

One (1) PhD position is available for highly motivated Early Stage Researchers (ESR) as part of the new H2020, EU-funded, Marie Skłodowska-Curie Joint Training and Research Programme on Lifespan Regulation Mechanisms in Health and Disease “Healthage”.

Location: George Garinis Group, IMBB, FORTH

Objective of research: To dissect the functional relevance of impaired genome maintenance in chronic inflammation with advancing age.

To counteract DNA damage, mammalian cells employ genome maintenance pathways that are directed inwards to relentlessly scan and repair the genome. Instead, adaptive and innate immune mechanisms are often directed outwards to protect the self against pathogens. Recent work in our lab reveals that immune DNA-sensing mechanisms provide a direct link between innate immune signaling and the DNA damage response. At present, it remains unknown how cells sense damaged and foreign DNA, what is the functional role of DNA damage signaling in immune activation or what is the impact of the impact of persistent DNA lesions on chronic inflammatory diseases that gradually manifest with advancing age.

Eligibility criteria

- The applicants can be of any nationality.
- They should be within four years of the diploma granting them access to doctorate studies at the time of recruitment.
- The applicant must not have resided for more than 12 months prior to the signing her/his contract in Greece.
- Applicants should be proficient in written and spoken English.

How to apply

Applications should be sent to manager@itn-healthage.gr

Applications should include:

1. an up-to-date CV (max. 4 pages),
2. a cover letter that describes the applicants' motivation to apply (max. 1 page) and,
3. the contact details of at least two referees.

Deadline of application: January 15, 2020