

STUDY GUIDE

Onco-Aging

Course/training name	Onco-Aging: Smart Health Community for Older Cancer Patients and Interdisciplinary Interactions with Medical Education for Future Geriatricians
Host Institution(s)	University of Cologne
Co-organising Institution(s) (if applicable)	University of Florence, University of Birmingham, Linnaeus University, Leiden University
Course level (if applicable)	/
Name and faculty of the lecturer(s)/trainer(s)	Dr. Yue Zhao: Department of General, Visceral, Cancer and Transplantation Surgery, University Hospital of Cologne, University of Cologne Prof. Dr. M. Cristina Polidori: MD PhD FRCP, Professor of Ageing Medicine and Geriatrics, Cologne, Germany/Italy, Unit for Ageing Clinical Research Dpt. Medicine II, University Hospital of Cologne
Mode of delivery	Online self-study
Location (if applicable)	/
Dates of the <u>online</u> component (if applicable)	Asynchronous, self-paced: https://www.euniwell.eu/what-we-offer/seed-funding-programme/projects-of-the-first-seed-funding-call/onco-aging

Dates of the <u>on-site</u> component (if applicable – travel dates excluded)	Not applicable	
Cost	None	
Application procedure	No application process	
Target audience(s)	☒ Bachelor's ☒ Master's ☐ PhD ☐ Educators ☐ Researchers ☐ Administrative staff	
Selection criteria	/	
Prerequisites	/	
Language(s) of instruction and recommended CEFR level	English	
Main Thematic Arena(s)	☒ Arena 1 - Health and Well-Being ☐ Arena 2 - Social Equality and Well-Being ☐ Arena 3 - Environmental change and Well-Being ☐ Arena 4 - Culture, Multilingualism and Well-Being ☐ Arena 5 - Teacher Education and Well-Being ☐ Transversal ☐ Well-Being Centre for Advanced Studies	
Field(s) of research / study	Medicine	
Related Sustainable Development Goals (SDG) 	☐ 1 - No poverty	☐ 10 - Reduced inequalities
	☐ 2 - Zero hunger	☐ 11 - Sustainable cities and communities
	☒ 3 - Good health & well-being	☐ 12 - Responsible consumption & production
	☐ 4 - Quality education	☐ 13 - Climate action
	☐ 5 - Gender equality	☐ 14 - Life below water
	☐ 6 - Clean water & sanitation	☐ 15 - Life on land
	☐ 7 - Affordable & clean energy	☐ 16 - Peace, justice & strong institutions

	☐ 8 - Decent work & economic growth	☐ 17 - Partnerships for the goals			
	☐ 9 - Industry, innovation & infrastructure				
Number of ECTS	Not applicable				
Workload in hours	/				
Key words	Cancer Patients	Geriatrics	Oncology	Training Videos	Community Health System
Catch Phrase	Study the outcomes of an innovative research and teaching project on onco-aging and learn how to improve the follow-up for elderly patients and medical and social care after surgical or chemo/radio treatment for older patients.				
Total number of places for EUniWell participants	/				
Abstract	The incidence of cancer increases proportionally with age, especially in the regions of the European Union. Furthermore, many of the most common types of cancer are particularly prevalent among older people. The project investigated a missing link between older cancer patients, medical staff and society. Not only in the EU, but worldwide, there are still very few specialised professionals addressing the concept of geriatrics. The coverage of follow-up for elderly patients and better medical and social care after surgical or chemo/radio treatment for older patients is a major challenge. The project's goal was to initiate a programme that brings together elderly cancer patients and young medical students under the supervision of excellent geriatricians, oncologists, oncologic surgeons, translational scientists, computer scientists and economists from the EUniWell University Consortium. The outcome is a variety of digital learning formats, a mini-movie and e-class lectures, to explore.				
Programme / session(s)' schedule	Self-paced: https://www.euniwell.eu/what-we-offer/seed-funding-programme/projects-of-the-first-seed-funding-call/onco-aging				
Developed skills and competences	The programme supports the development and improvement of skills along the ESCO framework: Geriatrics (K0912)				

	Therapy and Rehabilitation (K0915)
Objectives and learning outcomes	See above <i>Further references</i> Zickermann R, Ferati M, Fan N, Plamper E, Datta R, Lyu Z, Horstmann N, Lohmann J, Pickert L, Loh KP, Battisti NML, Shen H, Göde V, Iyú D, Bruns C, Polidori MC, Zhao Y. An international survey of undergraduate trainees' interests and expected teaching strategies in geriatric oncology. BMC Med Educ. 2026 May 13;26(1):755. doi: 10.1186/s12909-026-09426-x. PMID: 42129757 Zhao Y, Herrera-Caceres JO, Nobes J, Lyu Z, Vetter M, Falandry C, Goede V, Neuendorff NR, Loh KP, Canin B, Wildiers H, Battisti NML. Liquid biopsies in precision oncology for older adults with cancer. NPJ Precis Oncol. 2026 Feb 5;10(1):123. doi: 10.1038/s41698-026-01285-5. PMID: 41644673; Li D, Ju F, Wang H, Fan C, Jacob JC, Gul S, Zaliani A, Wartmann T, Polidori MC, Bruns CJ, Zhao Y. Combination of the biomarkers for aging and cancer? - Challenges and current status. Transl Oncol. 2023 Dec;38:101783. doi: 10.1016/j.tranon.2023.101783. PMID: 37716258 (EUniWell seed funding) Duquenne P, Liposits G, Vannes CO, Navarrete E, Serrano AG, Canoui-Poitaine F, Marinho J, Akagündüz B, Haase KR, Verduzco-Aguirre HC, Li J, Eochagáin CM, Soto-Perez-de-Celis E, Ayala AP, Baltussen JC, Kantilal K, Kantilal K, Wing-Lok C, de Acha AP, Meckstroth S, Perez ACT, Güven DC, Zhao Y, Puts M, Beauplet B, Lund JL, Pilleron S; Young International Society of Geriatric Oncology and Nursing, Allied Health and Scientists interest groups. Prediction models for overall survival and all-cause mortality risk in older adults with cancer: a systematic review. Lancet Healthy Longev. 2026 Mar;7(3):100829. doi: 10.1016/j.lanhl.2026.100829. PMID: 41875911. Leung B, Pilleron S, Bastiaannet E, Coombs LA, Jin R, Kantilal K, Kantilal K, Kenis C, Kobekyaa F, Kosmari L, Krok-Schoen JL, Li J, Mac Eochagain C, Newton L, Ruegg T, Stolz-Baskett P, Zhao Y, Bradley C, Puts M, Haase KR. Cancer treatment-related decision-making among culturally and linguistically diverse older adults with cancer: A scoping review by the International Society of Geriatric Oncology Nursing and Allied Health Interest Group. J Geriatr Oncol. 2023 Nov;14(8):101607. doi: 10.1016/j.jgo.2023.101607.
Assessment methods and criteria, including grading scale (if applicable)	Not applicable
Type of certification issued upon attendance or completion	/

Contact	List of local EUniWell catalogue's coordinators available here. <i>For questions related to the content of the course, please contact the offer's Institution's local catalogue coordinator. For questions related to administration, mobility or recognition the course in your curricula, please contact home Institution's local coordinator.</i>
---------	--