

# Determinants of occupational diseases and work-related health problems

C3



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<b>Aim</b>	<p>The association between work-related exposure and the development of clinical symptoms and diseases is complex and sometimes only becomes apparent several decades after exposure. In this module, students learn to identify and describe the evidence and relevance of health. Upon completion of the course, students will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the main determinants of occupational and work-related diseases as well as the individual and organizational health resources</li> <li>• Conduct effective literature research and identify the relevant publications</li> <li>• Make the critical appraisal of publications</li> <li>• Assess the overall evidence of an occupational disease or exposure according to the most relevant guidelines</li> <li>• Evaluate specific work-associated health problems across population subgroups, sectors, industries, and countries</li> <li>• Assess organizational functioning in order to develop and integrate tailored occupational health activities</li> <li>• Write a simple review</li> </ul>
<b>Contents</b>	<ul style="list-style-type: none"> <li>• Overview of the major occupational health problems and their risk factors</li> <li>• Occupational health research and study designs</li> <li>• Concept of causality</li> <li>• Observational versus interventional studies in occupational health</li> <li>• Most common bias and errors in occupational health research</li> <li>• Literature search, systematic reviews and meta-analysis</li> <li>• Inequality of health and disadvantaged socio-economic and socio-cultural groups</li> <li>• Concepts of organizations and implications for organizational change processes</li> <li>• Role of management and leadership in organizations</li> </ul>
<b>Methods</b>	Lectures; Group work; Discussion round
<b>ECTS credits</b>	2 ECTS credits = approx. 60 hours of workload including 39 hours of on-campus lectures and 22 hours of pre-assignment and exam
<b>Target audience</b>	<ul style="list-style-type: none"> <li>• Students in the DAS Work+Health program</li> <li>• Occupational medics, occupational hygienists, psychologists</li> <li>• Healthcare providers and other persons interested in work and health</li> </ul>
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<b>Dates and location</b>	18–22 March 2024 in Lausanne
<b>Fee</b>	CHF 3 400.–
<b>Registration deadline</b>	16 February 2024