

HSE INFORMATION FORM FOR KU LEUVEN STUDENTS' **INTERNAL INTERNSHIPS**

In completion of the 21/09/2004 K.B. (Royal Decree) concerning the protection of interns and the 03/05/1999 K.B. concerning the protection of young workers

PART A (completed by the KU Leuven department's HSE-Antenna coordinator)

1) Employment data

Organisation: Engineering Technology Campus Group T
Organisation representative: Wim Dewulf
Internship supervisor: Bart Vanrumste & Chetanya Puri(daily supervisor)

Study programme: Engineering Technology
Academic year: 2020-2021

Work place: Campus Group T
Training required for safe performance of activity: **non-specific**
Description of duties: Early Sepsis Prediction from Clinical Data

Applicable prevention measures: Work on a standard computer without extra sensor or hardware. Make arrangements with your promotor and/or Lab responsible about using the lab (when, where, with what). Always work with two people in the lab. So never alone.

2) Risks

I. NO RISK

☐ no risk

II. GENERAL RISKS

- | | |
|--|--|
| <input type="checkbox"/> lifting loads | <input type="checkbox"/> work in teams |
| <input type="checkbox"/> safety function | <input type="checkbox"/> teenagers <18yo |
| <input type="checkbox"/> increased vigilance | <input type="checkbox"/> disabled |
| <input type="checkbox"/> elements falling and breaking loose | <input type="checkbox"/> monotonous or repetitive, rhythmical work |
| <input type="checkbox"/> contact with food | <input type="checkbox"/> psychosocial aspects |
| <input type="checkbox"/> night work | <input type="checkbox"/> travelling to high risk areas |

III. SPECIFIC WORK CONDITIONS

1 Technical safety conditions

- | | |
|---|--|
| <input type="checkbox"/> working at heights >2 m | <input type="checkbox"/> fire/explosion, burns |
| <input type="checkbox"/> sharp objects (cuts, stings) | <input type="checkbox"/> working with gas containers |
| <input type="checkbox"/> dangerous machines | <input type="checkbox"/> working in isolation |
| <input type="checkbox"/> electrical risks | <input type="checkbox"/> access to spaces with special risks |

2 Chemical agents, dust and soil

- | | |
|---|---|
| <input type="checkbox"/> working with poisonous agents | <input type="checkbox"/> contact with wood dust |
| <input type="checkbox"/> working with carcinogens | <input type="checkbox"/> contact with soil/ processing soil samples |
| <input type="checkbox"/> working with mutagens | <input type="checkbox"/> contact with dust/chemical powders |
| <input type="checkbox"/> working with teratogens | <input type="checkbox"/> contact with antibiotics |
| <input type="checkbox"/> working with other chemical agents | <input type="checkbox"/> working with cytostatic products |
| <input type="checkbox"/> contact with asbestos | <input type="checkbox"/> working with narcotic products |
| <input type="checkbox"/> contact with metal dust | <input type="checkbox"/> contact with other dusts or powders |

3 Ionising rays

- | | |
|--|---|
| <input type="checkbox"/> X-ray machines and particle accelerators (X-rays) | <input type="checkbox"/> open sources/soft β rays>200 keV |
| <input type="checkbox"/> open sources/soft β rays<200 keV | <input type="checkbox"/> open sources/other isotopes |
| <input type="checkbox"/> open sources/isotopes I + Tc99m | <input type="checkbox"/> closed sources (all nuclides) |

4 Other physical risks

- | | |
|---|--|
| <input type="checkbox"/> noise >87 dBa | <input type="checkbox"/> ultraviolet rays |
| <input type="checkbox"/> noise >85 dBa | <input type="checkbox"/> infrared rays |
| <input type="checkbox"/> noise >80 dBa | <input type="checkbox"/> laser rays (class 3B and 4) |
| <input type="checkbox"/> high temperatures (heat >30°C) | <input type="checkbox"/> working with cryogenes |
| <input type="checkbox"/> low temperatures (cold <10°C) | |
| <input type="checkbox"/> vibrations (electro)magnetic rays, microwaves, ultra- and infra-sounds | |

5 Biological agents

unconscious exposure

- ☐ working with healthy/mutated/manipulated test animals

- ☐ working with apes
☐ working with blood, tissue, body fluids or other biological material (human or ape)
☐ contact with blood, tissues, body fluids or other biological material (animal)
☐ contact with saliva, lung tissue possibly contaminated with mycobacterium tuberculosis
☐ contact with waste water
☐ patient contact
☐ conscious exposure
☐ working with infected test animals/contact with blood
☐ working with class 2 biological agents ☐ working with class 3 biological agents

3) Workwear and personal protective equipment

workwear	personal protective equipment		
<input type="checkbox"/> lab coat	<input type="checkbox"/> work gloves	<input type="checkbox"/> rain clothes	<input type="checkbox"/> other:
<input type="checkbox"/> work trousers	<input type="checkbox"/> disposable gloves	<input type="checkbox"/> winter clothes	
<input type="checkbox"/> coat	<input type="checkbox"/> safety glasses	<input type="checkbox"/> head protection	
<input type="checkbox"/> overalls	<input type="checkbox"/> respiratory protection	<input type="checkbox"/> hearing protection	
<input type="checkbox"/> safety shoes (anti-slip shoe soles)	<input type="checkbox"/> facial protection	<input type="checkbox"/> fall protection	

PART B (completed by the HSE service, in consultation with Idewe)

1) Health monitoring

Occupational Medicinal Service IDEWE:

- ☒ health monitoring unnecessary
☐ adequate health monitoring
☐ specific health monitoring
☐ required vaccinations: ☐ tetanus ☐ hepatitis B ☐ tuberculin test ☐ other:
☐ preventive measures concerning motherhood protection / breastfeeding

PART C (completed by the internship supervisor)

1) Reception and guidance

All parties declare to have read this information.

- the assignment of an internship supervisor
 - the risks of the worksite
 - the preventive measures (safety regulations)
 - the workwear and the personal protective equipment
 - the emergency measures

2) Personal information and signature

 Wim Vuytsteke on behalf of Wim Dewulf Name and signature Organisation representative Date:	 Bart Vanrumste Name and signature Internship supervisor Date: 13/11/2020	:  Rui Zhu rui.zhu@student.kuleuven.be Name, email and signature trainee Date: 10/11/2020
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