

# C4

## IP law & legal regulations



<b>Goal</b>	The aim of the course is to acquaint PhD students with the basics of IP law and legal regulations. The course will be divided into four parts: IP law, Regulations at institutional levels, Patenting of medical and biotech inventions and Realization of joint and contract research (with focus on IP).
<b>Format</b>	Seminars/webinars
<b>Recommended duration</b>	5 hours (can be split into several sessions)
<b>Content of the training activity</b>	<p><b>IP law (30 %)</b></p> <ul style="list-style-type: none"><li>● IP, IP protection forms</li><li>● Processes of obtaining IP protection (with focus on processes of obtaining patent protection: national route, combination of national and regional route (PCT), regional route)</li></ul> <p><b>Regulations at institutional levels (15 %)</b></p> <ul style="list-style-type: none"><li>● Directive(s) on protection and commercialization of IP at the respective institution</li></ul> <p><b>Patenting of medical and biotech inventions (40 %) (can be optionally organized in cooperation with experts from the relevant patent office)</b></p> <ul style="list-style-type: none"><li>● Novel medicaments</li><li>● First or further medical use of known products</li><li>● Supplementary protection certificates</li><li>● Antibodies</li><li>● Sequences and partial sequences of genes</li><li>● Reach-through claims</li><li>● Surgery, therapy and diagnostic methods</li><li>● Microorganisms</li></ul> <p><b>Realization of joint and contract research (with focus on IP) (15 %)</b></p> <ul style="list-style-type: none"><li>● Realization of joint research (with focus on IP)</li><li>● Realization of contract research (with focus on IP)</li></ul>
<b>Expected learning outcomes</b>	<p>The PhD students will:</p> <ul style="list-style-type: none"><li>● gain basic knowledge of IP law and legal regulations,</li><li>● learn how IP protection is obtained,</li><li>● learn about regulations regarding IP protection and commercialization at their institution (what are their rights and responsibilities, what to do when they develop e.g. a new invention, ...),</li><li>● learn about the specifics of patent protection of medical and biotech inventions,</li><li>● learn what to pay attention to when engaging in joint and contract research.</li></ul>
<b>Recommended training prerequisites</b>	As the course is an introduction into IP law and legal regulations, no previous competences are necessary to successfully engage in and complete the training activity.
<b>Recommended further steps</b>	<p>Implementation of further seminars/webinars with focus on:</p> <ul style="list-style-type: none"><li>● IP Strategy (within the CARLIS training programme)</li><li>● Essentials of various contracts typical for the field of technology transfer</li><li>● How to draft a patent/utility model application</li></ul>

<b>Trainer/facilitator qualification</b>	The trainer should have practical experience in the field of technology transfer/IP law, preferably the trainer should be an experienced technology transfer manager/IP manager or similar.
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## Recommendations and suggestions for course/activity setup and methods used:

	<b>Duration</b>	<b>Activity description</b>
<b>Course/activity set-up and methods used</b>	1,5 hours	Lecture/presentation on the focus and scope of the IP law.
	45 min	Lecture/presentation on IP regulations at institutional level.
	2 hours	Lecture/presentation on patenting of medical and biotech inventions.
	45 min	Lecture/presentation on the topic of joint and contract research.
<b>Recommended number of participants</b>	Min: 5 Max: 20	
<b>Forms of active engagement</b>	Discussion with students about their experiences with the topics covered in the course/time for questions.	
<b>Recommended pretraining activities</b>	Participation in the course "Basics of IP protection".	
<b>Follow-up activities/ Take home messages</b>	<p>Participation in the course "IP Strategy".</p> <p>Other recommended follow-up activity can be e.g. the "Intellectual Property Course" (accredited by the Ministry of Education of the Slovak Republic) offered by the Industrial Property Office of the Slovak Republic. The course is in the form of a 4-module study:</p> <ul style="list-style-type: none"> <li>● Module A — Intellectual Property and Copyright Basics</li> <li>● Module B — Creativity — its Management, Marketing and Economics</li> <li>● Module C — Information in the Field of Intellectual Property</li> <li>● Module D — Industrial Property Law</li> </ul> <p>Education is conducted in the Slovak language.</p>	
<b>Training handouts</b>	Presentation (printed or electronic document (PDF)).	
<b>Recommended study resources for participants</b>	Directive(s) on protection and commercialization of IP at the relevant institution. Selected parts of the Patent act.	
<b>Reflection questions</b>	None	
<b>Engagement of external experts</b>	The topic "Patenting of medical and biotech inventions" can be optionally organized in cooperation with experts from the relevant patent office.	
<b>Venue requirements</b>	N/A	
<b>Technical and material requirements</b>	Computer and data projector.	