



Universitat de Lleida

DEGREE CURRICULUM  
**PHARMACEUTICAL  
BIOTECHNOLOGY**

Coordination: RIBAS FORTUNY, JUDIT

Academic year 2019-20

Subject's general information

<b>Subject name</b>	PHARMACEUTICAL BIOTECHNOLOGY			
<b>Code</b>	101625			
<b>Semester</b>	1st Q(SEMESTER) CONTINUED EVALUATION			
<b>Typology</b>	<b>Degree</b>	<b>Course</b>	<b>Character</b>	<b>Modality</b>
	Bachelor's Degree in Biotechnology	4	OPTIONAL	Attendance-based
<b>Course number of credits (ECTS)</b>	6			
<b>Type of activity, credits, and groups</b>	<b>Activity type</b>	PRALAB	PRAULA	TEORIA
	<b>Number of credits</b>	0.3	1.4	4.3
	<b>Number of groups</b>	1	1	1
<b>Coordination</b>	RIBAS FORTUNY, JUDIT			
<b>Department</b>	EXPERIMENTAL MEDICINE			
<b>Teaching load distribution between lectures and independent student work</b>	Lectures: 60 hours Independent Student Work: 90 hours			
<b>Important information on data processing</b>	Consult <a href="#">this link</a> for more information.			
<b>Language</b>	Catalan or Spanish			
<b>Office and hour of attention</b>	Centre: Facultat de medicina / Edifici de Biomedicina 1 Departament: Medicina Experimental Despatx: 2.15 Horari consulta: A concertar amb el prof. Telèfon: 973702404			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
BOIX TORRAS, JACINT	jacint.boix@udl.cat	,9	
RIBAS FORTUNY, JUDIT	judit.ribas@udl.cat	5,1	

## Subject's extra information

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## Learning objectives

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## Competences

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## Subject contents

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## Methodology

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## Development plan

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## Evaluation

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## Bibliography

### **Books:**

1. Farmacología. Rang, H.P. et al. (7ª ed.), Elsevier España S.A., 2008
2. Pharmaceutical Biotechnology. Fundamentals and applications. Crommelin D.J.A. et al. (3rd ed), Informa Healthcare USA, Inc., 2008

### **Journals:**

1. Annual Reviews of Pharmacology and Toxicology (<http://arjournals.annualreviews.org/loi/pharmtox>)
2. Trends in Pharmacological Sciences (TIPS), Elsevier
3. Current Opinion in Pharmacology, Elsevier
4. Trends in Biotechnology, Elsevier
5. Current Opinion in Biotechnology, Elsevier

### **Webs:**

1. Agencia Española del Medicamento, Ministerio de sanidad y consumo (<http://www.agemed.es/>)
2. Agencia Europea del Medicamento (<http://www.emea.europa.eu/>)
3. U.S. Food and Drug Administration, Center for Drug Evaluation and Research: (<http://www.fda.gov/cder>)
4. Rx List, the internet drug index (<http://www.rxlist.com/>)