

# **Annual Course Report**

**University:** Zagazig

**Faculty:** Pharmacy

**Department:** Biochemistry

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## **A – Basic Information:**

**1- Title and Code:** Biotransformation      **BSp5**

**2- Program(s) on which this course is given:** PhD

**3- Year / Level of programs:** PhD

**4- Credit hours:** -----

Lectures	4hrs / week
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**5- Names of lecturers contributing to the delivery of the course:**

- Prof. Dr / Sousou Ibrahim Ali
- Ass. Prof. / Nahla Nabil Younis

**6- Course coordinator:**

- Prof. Dr / Sousou Ibrahim

**7- External evaluator:**

- Prof. Dr. Maha Hussin (Damanhour University)

## **B- Statistical Information:**

<b>No. of students attending the course</b>	4	100 %			
<b>No. of students completing the course</b>	4	100 %			
<b>Results:</b>					
Passed	4	100%	Failed	-	-

<b>Grading of successful students:</b>					
Excellent	4	100%	Very Good	-	-
Good	-	-	Pass	-	-

## **C- Professional Information:**

### **1- Course Teaching:**

<b>Topic</b>	<b>No of hours</b>	<b>Lecturers</b>
<ul style="list-style-type: none"><li>• Introduction to biotransformation , Biotransformation reactions: phase 1, Phase 11 reactions</li><li>• Biotransformation processes of endogenous &amp; exogenous molecules.</li><li>• Plant biotransformation processes: phase 1, phase 11.</li></ul>	30	- Ass. Prof. / Nahla Nabil Younis
<ul style="list-style-type: none"><li>• Primary &amp; Secondary metabolites.</li><li>• Cytochrome p450, Flavin containing monooxygenase.</li><li>• Consequences of drug tolerance, Cross tolerance.</li></ul>	30	- Prof. Dr/Sousou Ibrahim

### **Topics taught as a percentage of the content specified:**

>90 %	√	70 – 90 %		<70%	
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- Reasons in detail for not teaching any topics: -----
- If any topics were taught are not specified , give reasons in detail: -----  
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### **2- Teaching and learning Methods:**

<b>Lectures:</b>	√
<b>Seminar / Workshop:</b>	√
<b>Case study:</b>	-
<b>Other assignment / homework:</b>	√

### **3- Student assessment:**

<b>Method of Assessment</b>	<b>Percentage of total %</b>
<b>Written examination</b>	75
<b>Oral examination</b>	15
<b>Activity</b>	10

### **Members of examination committee:**

- **Prof. Dr / Sousou Ibrahim**
- **Ass. Prof. / Nahla Nabil Younis**

#### 4- Facilities and Teaching Materials:

Totally adequate	√
Adequate to some extent	
Inadequate	

#### 5- Administrative Constraints: -----

#### 6- Students Evaluation of the Course:

Students evaluation of the course	Response of course team
Lecturers don't use e-mail to communicate with students.	There will be a high level of interaction between lecturers and students in the next year

#### 7- Comments from external evaluator(s):

Comments from external evaluator	Response of course team
Clear course aims and measurable learning outcomes	

#### 8- Course Enhancement:

Action required	State whether or not complete and give reasons for any non completion
Review evaluation methods in the current bylaw.	Completed.

Training examination committee for developing written exams to cover ILOs	Completed and continuous
Measurement of the course ILOS	Completed and continuous

### 9- Action Plan for Academic Year 2020- 2021:

Action required	Completion date	Person responsible
Inclusion of new topics to course contents.	2020- 2021	Course coordinator & head of department
Updating course references	2020- 2021	Course coordinator and course team
Enhancement of the level of interaction between lecturers and students	2020- 2021	Course coordinator and course team
Measurement of the course ILOS	2020- 2021	Course coordinator

**Course Coordinator:** Prof. Dr / Sousou Ibrahim Ali

**Signature:**

**Date:** Course report is approved in department council on