

### **Demonstrator**

Mansoura University
Faculty of Medicine
Human Anatomy & Embryology Department



# **Personal Data**

Name:
Date of Birth:/
Home Address:
Telephone Number:
Mobile number:
e- mail Address:
M.B., B. Ch.:  Date:/  Degree:
Present Job:  Work address:  Date of appointment: ////////////////////////////////////
Master Degree:  Date of registration://  Date of graduation (1 <sup>st</sup> part)://  Date of discussion of thesis://  Date of graduation (2 <sup>nd</sup> part)://  Final degree:

**Head of the Department** 

Vice Dean for research and postgraduate study

#### **Contents**

#### **Demonstrator:**

- A. Master Degree Course:
  - Scientific Lectures (1<sup>st</sup> part)
  - Practical Training Courses (1<sup>st</sup> part)
  - Scientific Lectures (2<sup>nd</sup> part)
  - Practical Training Courses (2<sup>nd</sup> part)
- **B.** Master Degree Thesis
- C. Scientific Activities:
  - Seminars
  - Conferences
  - Thesis Discussion
  - Training Courses and Workshops
- **D.** Other Activities at the Department:
- I. Student Sections
- II. Sharing in daily activities of the museum including dissection and preparation of jars.
- III. Helping the staff members in editing the department books.
- VI . Others:

# **Demonstrator**

# **A. Master Degree Course:** Scientific Lectures (1<sup>st</sup> part):

Date	Title	Supervisor
z postantinos transformation transfo	1. GENETIC COURSE:	
	DNA structure and replication	
	DNA structure and replication	
	DNA structure and replication	
	RNA and protein, structure and synthesis	
	RNA and protein, structure and synthesis	
	RNA and protein, structure and synthesis	
	Cytogenetic analysis	
	Interphase and DNA repair	
4	Cell division	
4	Chromosomal aberrations	
4	ISH & FISH	
4	The human genome	
4	Mitochondrial DNA	
<i>s</i>	Patterns of inheritance	
	The genetic basis of cancer	
No. of the Control of	2. MOLECULAR BIOLOGY:	
	Molecular Biology	
May compare the co	-Nucleic Acid Structure	
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	- DNA	
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DNA replication (DNA	
-synthesis)	
-Mutation	
-DNA repair	
-Transcription	
Post transcriptional Modification	
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Genetic code and protein	
synthesis	
-Protein synthesis	
Post transcription modification	
of proteins-	
-Regulation of gene expression	
Recombinant DNA technology	
-(genetic engineering)	
3. RADIOLOGICAL ANATOMY:	
Cross sectional Anatomy Different modalities used in diagnostic imaging:	
X- RAY, C.T AND M.R.I of:  1. Head and neck 2. Vertebral column. 3. Chest 4. Abdomen and pelvis. 5. Upper and lower limbs.	

4. GENERAL EMBRYOLOGY:	
Gametogenesis ,Spermatogenesis	
,Spermiogenesis and Oogenesis	
Ovarian cycle	
Menstrual cycle	
Fertilization	
Cleavage	
Implantation	
Decidua	
Formation of germ layers	
Differentiation of germ layers	
Folding of the embryo	
Amnion	
Yolk sac	
Chorion Placenta	
Umbilical cord	
Multiple pregnancies	
Prenatal growth of the developing fetus	
5. HISTOLOGY:	
Introduction, micro-techniques	
Microscopy	
Cell membrane	
Membranous organelles	
Non membranous organelles	
Cell inclusions	
Nucleus	
Epithelium	
C.T proper	
Cartilage	
Bone	
Muscle tissue	
Nervous tissue	

## Practical Training Courses (1st part):

Date	Training Subject	Supervisor
	Karyotyping techniques	
	FISH technique	
	PCR	
	Blotting techniques	
	How to prepare a paraffin section	
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	CT interpretation	
	MRI interpretation	
	US interpretation	

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How to prepare a paraffin section			2					
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	Observation	Assistance	Independence	Poor	Fair	Poog		
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### Scientific Lectures (2<sup>nd</sup> part):

Date	Title	Supervisor
<u> </u>	Upper limb	
	Lower limb	
	Abdomen	
	Pelvis	
	Thorax	
	Head and Neck	
	Neuroanatomy	
2	Clinical and surgical Anatomy	4
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### **Practical Training Courses (2<sup>nd</sup> part):**

Date	Training Subject	Supervisor
	Separate bones of the hand and	T tool mile mile mile mile mile mile mile mil
	articulation.	
	Separate bones of the foot and articulation.	
	Separate bones of the skull.	
	Dissection of specimens.	
	Training for making museum jars.	
	Elective practical course	

Skill	Level	of perfor	mance	Traine	er's asses	sment	Date	Trainer's signature
	Observation	Assistance	Independence	Poor	Fair	Poog		
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Separate bones of hand and articulations			2					
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Separate bones of skull		1						
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	Observation	Assistance	Independence	Poor	Fair	Poog		
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Dissection of specimens		1						
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	Observation	Assistance	Independence	Poor	Fair	Poog		
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Training for making museum jars		1						
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Jing			1					
rai			2					
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			4					
			5					

Skill	Leve	l of perfo	rmance	Traine	er's asses	sment	Date	Trainer's signature
	1 Observation	Assistance	Independence	Poor	Fair	Poo9		
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e e	5							
Elective practical course		1						
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# **B.** Master Degree Thesis:

Title:			
Supervis	sors:		 
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Supervis	ors:		
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Signature:			

#### **C. Scientific Activities:**

Seminars and journal club (attendance, speaker):

Date	Subject	Supervisor
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#### Conferences (attendance, speaker and posters):

Date	Conference(site and title)	Supervisor
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#### **Thesis Discussion (attendance)**

<b>Date</b>	Thesis title	Supervisor
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### **Training Courses and Workshops**

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#### **D. Other Activities at the Department:**

#### I. Student Sections:

<b>Date</b>	Section Subject (weekly)	Supervisor

Date	Section Subject (weekly)	Supervisor
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# II. Sharing in the activities of the museum including dissection and preparation of jars:

Date	a anno anno antico antico Activity antico antico	Supervisor
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# III. Sharing the staff members in editing the departmental books, scientific papers and posters:

Date	Activity	Supervisor