

Events:

Events & conferences:

I. The National Bioinformatics Network BioNetMasr workshops in the Breast Gynecological International Cancer Conference 16th edition (16th BGICC 2024)

Participation:

- 1) Talk: **National Bioinformatics Network (BioNetMasr)**

Dr. Samar Kamal

- 2) Hands-on workshop: **“Shotgun Metagenomic data analysis: Deciphering gut microbiota and breast cancer”**

Designed by: Dr. Enas Ahmed Fouad ElHady, PhD

Bioinformatics Specialist - Deputy Director of Computational Biomedicine Unit, Faculty of Medicine Ain Shams Research Institute (MASRI). Secretary-General of the National Bioinformatics Network (BioNetMasr) Executive Committee.

Teaching assistant: Mohamed Said AboHoussien

Junior Bioinformatician, Bachelor of Genetics Al-Azhar University, Intern in Computational Biomedicine Unit Faculty of Medicine Ain Shams Research Institute (MASRI), Member of the National Egyptian Bioinformatics Network (BioNetMasr)

Title: “Shotgun Metagenomic data analysis: Deciphering gut microbiota and breast cancer.”

This workshop will provide an end-to-end pipeline to the profiling of microbial communities from shotgun metagenome data, through an intensive theoretical lecture and a hands-on session. Workshop participants will learn how to process raw sequencing reads through state-of-the-art bioinformatic methods to extract information about taxonomical, functional profiles and pathways.

Lecture: 1 hours

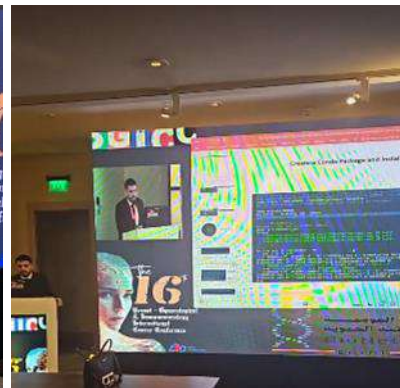
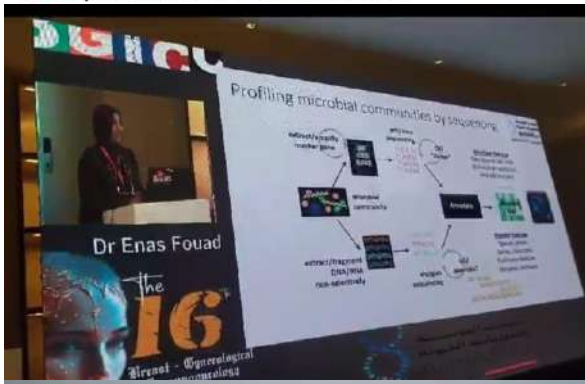
Practical: 2 hours

1. Introduction to Shotgun metagenomic data analysis using Galaxy, step-by-step instructions for each tool in the analysis pipeline.
2. Processing with quality control/trimming and human genomic reads filtered-out.
3. Taxonomic analyses using different classifiers: MetaPhlan and Kraken2.

4. Visualization (Pavian, KRONA).
5. Functional analyses with metabolic assignation and pathway reconstruction (HUMANn).
6. Interpretation of results.
7. Demo of local pipeline && wrapping.











16th
Breast - Gynecological
& Immunooncology
International
Cancer Conference

18th-19th
JAN 2024

WALDORF ASTORIA
HOTEL & RESIDENCES

Prof. Enas Ahmed Fouad-ElHady
Bioinformatics specialist, Faculty of Medicine
Ain Shams Research Institute-MASRI.
Egypt

For more information you can visit
www.bgicc.net

Creation & Illumination

The 16th
Breast - Gynecological
& Immunoncology
International
Cancer Conference

18th - 19th
JAN 2024

WALDORF ASTORIA
HOTEL & RESIDENCES

Mohamed S. Ahmed AboHussien
Bioinformatics Intern, Faculty of Medicine
Ain Shams Research Institute-MASRI.
Egypt

Creation & Illumination

For more information you can visit
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3) Tumor heterogeneity and development across human cancer with the ERA of single cell genomics. «From Data to Therapy». Mostafa Ismail





The 16th
Breast - Gynecological
& Immunoncology
International
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18th-19th
JAN 2024

WALDORF ASTORIA
HOTEL & RESIDENCES

MASRI
NATIONAL Egyptian
Network for Bioinformatics

الشبكة القومية
للمعلوماتية الحيوية
BioNetMasr
EGYPT

أكاديمية البحث العلمي والتكنولوجيا
Academy of Scientific
Research & Technology

Mostafa Ismail
Immunoinformatic and Computational Biologist,
Ohio State University

For more information you can visit:
www.bgicc.net

Waldorf Astoria

Creation & Illumination

II. The third Workshop the North African Consortium of Human Microbiome (NACHM) on 12-14 November 2023 in Egypt at Al Galala University. “Human Microbiota and Health: Bioinformatics Application and Modulatory Factors”. November 12 – 14, 2023.

Participation

Talk “Lights on Bioinformatics Activities in Egypt”

Prof. Samar Kamal Kassim



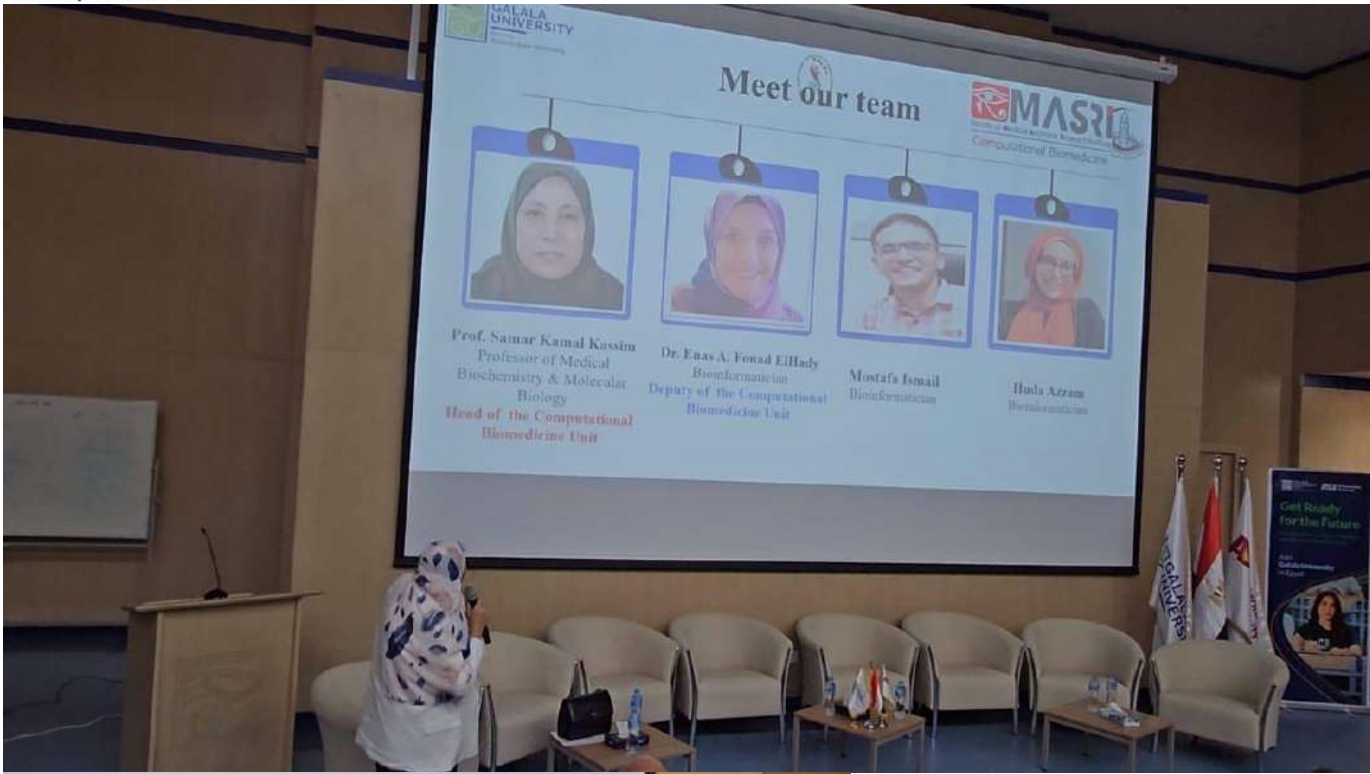


Three-Day Workshop:
Human Microbiota and Health :
Bioinformatics Application and Modulatory Factors

November 12 – 14, 2023
Venue:
Galala University
&
Ain shams University (MASRI)

Activate Windows
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MASRI visit 15/11/2023

Invitation/Organization: by Prof. Samar kamal Kassim:

MICAfrica Project and NACHM Team:

Prof. Reem Sallam,

Galala University, Egypt

Prof. Leila Keskes,

SFAX University, Tunisia

Prof. Raja Gargouri,

SFAX University, Tunisia

Prof. Basma Mnif,

SFAX University, Tunisia

Ms. Wirath Ben Ncir,

SFAX University, Tunisia









III. Lunching of the National Bioinformatics Network – 7/2023

Participation:

1) Head of BioNetMasr Prof. Samar Kamal Kassim





2) Dr. Enas A. Fouad ElHady
Giving a talk entitled: “MASRI Experience in Bioinformatics”



MASRI EXPERIENCE IN BIOINFORMATICS

Presented by: Dr. **Enas Ahmed Fouad ElHady**

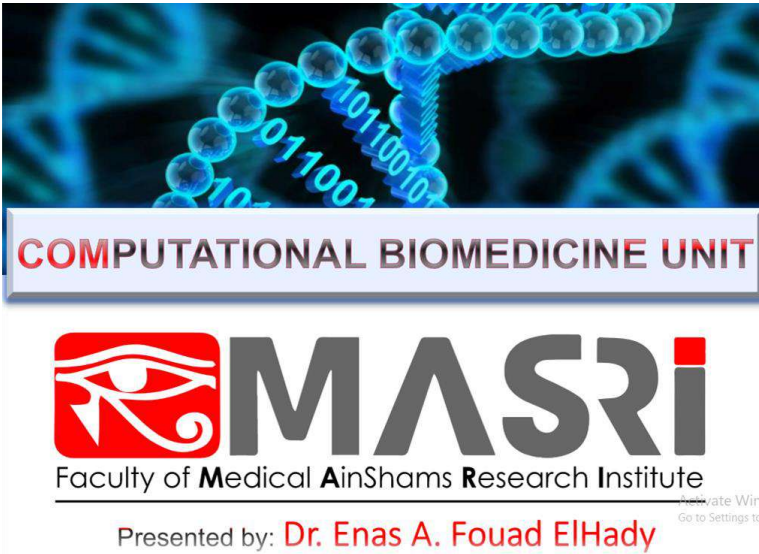


IV. ASU Medical Congress 2023

Participation:

Dr. Enas A. Fouad ElHady

Giving a talk entitled: “MASRI Computational Biomedicine Unit”



V. **Linux for Bioinformatics Workshop - Breast Gynecological International Cancer Conference 15th edition (2023) – at MASRI**

4 DAYS Hands-On WORKSHOP

MASRI
 Faculty of Medicine AinShams Research Institute

LINUX FOR BIOINFORMATICS WORKSHOP
Feb 2023

Four Days (11-12 & 18-19 Feb)
 9 AM – 4 PM (Total 24 Hours)

Training is offline and will be held in MASRI

	Day One	Day Two
Dr. Enas Fouad	Session 1: Introducing the Shell Session 2: Navigating Files & Directories Session 3: Working With Files & Directories Session 4: Pipes & Filters	Session 1: Pattern matching using Regular expressions & wild cards Session 2: Finding Things Session 3: Loops Session 4: Shell Scripts
	Day Three	Day Four
Dr. Abeer Shalaby	Session 1: File formats tutorial Session 2: Working with real data	Working with real data applying all the command to navigate the file & extract special pattern converting file format to another one, pipeline, loop & shell scripting

Instructor:
 Dr. Enas Fouad

Course Director:
 Prof. Samar Kamal

Design by:
 Prof. Abeer Shalaby

Course Coordinator:
 Dr. Amany Maher

Course Coordinator:
 Dr. Marwa Hussien

N.B. No prior Linux or research computing experience is necessary.
Fees: 700 LE.
 Bioinformatics workshop registration: <https://forms.gle/Wf32s2SRWsKGXsB9>
 For any inquires, please contact 012110103878

MASRI
 Faculty of Medicine AinShams Research Institute

Certificate

This is to certify that

Enas Fouad (Course Instructor)

Has Attended the **MASRI LINUX FOR BIOINFORMATICS Workshop**

Under the title

Creation & Innovation

3th - 4th and 10th - 11th February 2023

Dr. Amany Maher
 Assistant Professor of Biochemistry & Molecular Biology
 Coordinator of Computational Biomedicine Unit- MASRI
 Ain shams University
Amany Maher

Prof. Samar Kamal
 Professor of Medical Biochemistry
 Head of Computational Biomedicine Unit- MASRI
 Ain shams University
Samar Kamal


Prof. Hesham El Ghazaly
 Professor of Clinical Oncology
 Ain Shams University
 Head of MASRI
 Secretary General
Hesham El Ghazaly

www.bgicc.net



VI. Linux for Bioinformatics Workshop - Breast Gynecological International Cancer Conference 14th edition (2022) – at MASRI



4 DAYS Hands-On WORKSHOP

LINUX FOR BIOINFORMATICS WORKSHOP

Four Days (11-12 & 18-19 Feb) Feb 2022

9 AM – 4 PM (Total 24 Hours)

Training is offline and will be held in MASRI



Course Director:
Prof. Samar Kamal



Design by:
Prof. Abeer Shalaby



Course Coordinator
Dr. Amany Maher



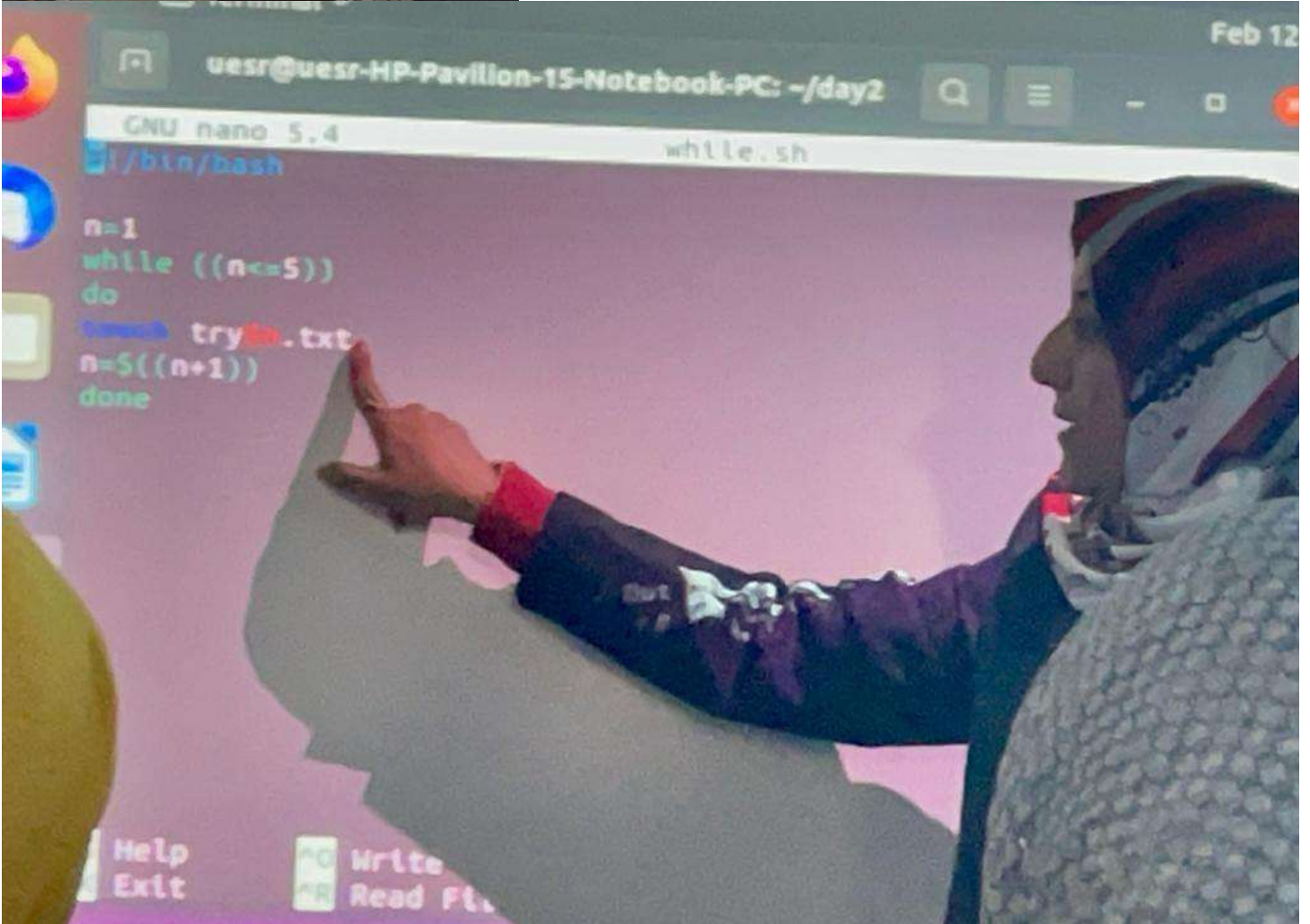
Course Coordinator
Dr. Marwa Hussien

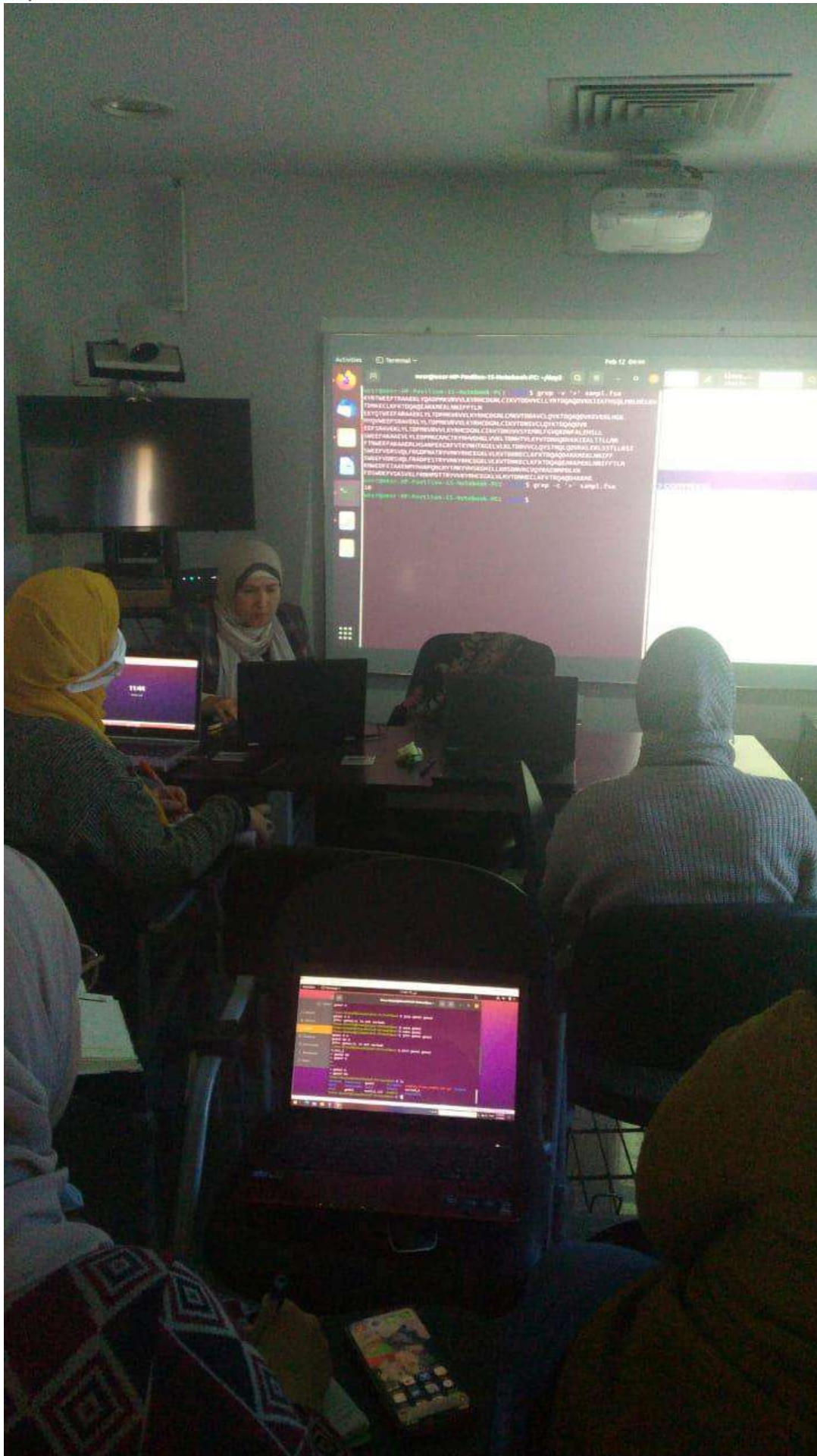
Instructor:
Dr. Enas Fouad

Day One	Day Two
<p style="margin: 0; font-size: small;">Dr. Enas Fouad</p> <p style="margin: 0; font-size: small;">Session 1: Introducing the Shell</p> <p style="margin: 0; font-size: small;">Session 2: Navigating Files & Directories</p> <p style="margin: 0; font-size: small;">Session 3: Working With Files & Directories</p> <p style="margin: 0; font-size: small;">Session 4: Pipes & Filters</p>	<p style="margin: 0; font-size: small;">Session 1: Pattern matching using Regular expressions & wild cards</p> <p style="margin: 0; font-size: small;">Session 2: Finding Things</p> <p style="margin: 0; font-size: small;">Session 3: Loops</p> <p style="margin: 0; font-size: small;">Session 4: Shell Scripts</p>
Day Three	Day Four
<p style="margin: 0; font-size: small;">Dr. Abeer Shalaby</p> <p style="margin: 0; font-size: small;">Session 1: File formats tutorial</p> <p style="margin: 0; font-size: small;">Session 2: Working with real data</p>	<p style="margin: 0; font-size: small;">Working with real data applying all the command to navigate the file & extract special pattern converting file format to another one, pipeline, loop & shell scripting</p>

N.B. No prior Linux or research computing experience is necessary.
Fees: 400 LE.
Bioinformatics workshop registration: <https://forms.gle/Wf32s2SRWsKGXsB9>
For any inquires, please contact 01210103878











3G i CC
The 7th Breast - Gynecological & Immunooncology
International Summer Conference

 **MASRI Bioinformatics Workshop**
From Gene To Disease
Prof. Abeir Shalaby

Register Now

organized By:

ARAB ORGANIZERS

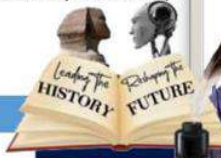
20-21 JANUARY
2022
JW Marriot Hotel
Cairo Egypt

VII. IGILUC-International GastroIntestinal Liver and Uro-Oncology Conference



**Dr.
Fouzia Radouani**

Senior Researcher and Head of Microbiology department at Institut Pasteur du Maroc.
Representing Bioinformatics unit at Institut Pasteur International Network, Casablanca, Morocco.



IN PERSON

MENA HOUSE MARRIOT GIZA-EGYPT 21-22 July 2022



**Dr.
Mohamed Farahat**

Assistant Professor, Computer Science Department, Higher Future Institute.
Member of H3ABioNet Node in Egypt (ECBAG) and Accredited RNA-Seq Analyst from H3ABioNet



IN PERSON

MENA HOUSE MARRIOT GIZA-EGYPT 21-22 July 2022



**Dr.
Mohamed Hamed**

Head of the Integrative OMICs Analysis group and a group leader at IBIMA, Rostock University Medical Center, Rostock, Germany.
CO-PI in the German-Egyptian capacity building project Eg-CompBio: "Empowering computational biology and Bioinformatics research".



IN PERSON

MENA HOUSE MARRIOT GIZA-EGYPT 21-22 July 2022

July 2022



**1- الاجتماع التأسيسي الأول للشبكة القومية للمعلوماتية الحيوية الإثنين ٣١ أكتوبر ٢٠٢٢ المنعقد في
كلية الطب و مركز مصري:**













I. الاجتماع التأسيسي الثاني للشبكة القومية للمعلوماتية الحيوية 22 يناير 2023 المنعقد بفندق جى دبليو ماريوت (JW Marriott Hotel) القاهرة - التجمع الخامس



II. الاجتماع الأول بعد توقيع العقد للجنة التنفيذية لمشروع الشبكة القومية للمعلوماتية الحيوية في تمام الساعة العاشرة صباح يوم 2 مايو 2023 بقاعة مجلس الإدارة بمركز البحوث الطبية والطب التجديدي - وزارة الدفاع برئاسة الأستاذة الدكتورة/ سمر كمال قاسم رئيس اللجنة والباحث الرئيسي للمشروع.



III. الاجتماع الثاني (التأسيسي) للجنة التنفيذية لمشروع الشبكة القومية للمعلوماتية الحيوية في تمام الساعة العاشرة صباح يوم الأحد 4 يونيو 2023 بقاعة الأستاذ الدكتور محمود المتيني بكلية الطب جامعة عين شمس

برئاسة الأستاذة الدكتورة/ سمر كمال قاسم رئيس اللجنة والباحث الرئيسي للمشروع.



