

# GRU

GEORGIA REGENTS UNIVERSITY  
AUGUSTA

# December



# 2014



**Prof. Mohamed L. Salem's visit to  
Medical College of Georgia, Georgia  
Regents University, USA  
from December 2-3, 2014**



*Ayman Al-Hendy MD PhD FRCSC FACOG CCRP*  
GRU Director of Interdiscip. Translat. Research  
Assistant Dean for Global Translational Research  
Prof. & Director, Division of Translational  
Research, Department of Obstetrics and  
Gynecology, Medical College of Georgia, Georgia  
Regents University

Gynecologist/Obstetrician, Georgia Health  
<http://www.gru.edu/mcg/obgyn/faculty.php>

# About Prof. Mohamed Labib Salem

- Prof. of Immunology at Tanta University, Egypt and Visiting Prof. Medical University of South Carolina, USA. Director of Delta Development Research Center; Director of the Grant, Innovation & Technology Transfer Center; Director of Center of Excellence in Cancer research, Tanta University, Egypt.
- Obtained his PhD in 1995 through a channel system between Tanta University, Egypt and Kyushu University, Japan. From 1997 -2001, Postdoctoral Fellow at Kyushu University, Japan and from 2002-2010. Assistant Prof. at Medical University of South Carolina, USA.
- Member of the National Committee for Professorship Promotion, National Committee for the Biological Sciences. His h-index is 24 and published about 111 articles in peer-reviewed journals and attended more than 150 meetings. Supervised > 50 postgraduates. Published > 90 articles and 1 book chapter and 1 book. Funded with > 25 grants. 60 lectures as an invited speakers. Reviewer for 70 periodicals and member of 12 editorial board.

# About Prof. Ayman Al-Hendy

- His PhD in Molecular Medicine from the University of Turku, Turku, Finland. Postdoctoral training in gene therapy and clinical molecular genetics at McMaster University and McGill University in Canada.
- Clinical residency training in Obstetrics and Gynecology at the University of Saskatchewan and fellowship training in laparoscopic surgery at Toronto University, both in Canada.
- Is double board certified by the Royal College of Surgeons of Canada and The American Board of Obstetrics and Gynecology.
- Held various faculty positions at the University of Texas Medical Branch in Galveston, Texas, Meharry Medical College at Vanderbilt University in Nashville, Tennessee.
- To date, he has published > 107 publications in high tier peer reviewed journals, presented > 200 presentations in national and international meetings, and has edited 4 medical books.

# A brief summary on the visit

- On December 2<sup>nd</sup> , Prof. Mohamed L. Salem, currently a visiting Prof. at Department of Microbiology and Immunology, College of Medicine, Medical University of South Carolina, USA visited four core facilities:  
**1) Genome array. 2) proteomic. 3) DNA sequencing 4) Flow cytometry 5) Tumor Tissue Bank** at Georgia Medical College, Georgia Regents University, USA with instruction from the director of each facility.
- Dr Shahinaz, a PhD student at Georgia Medical College accompanied Dr Salem throughout the visit. She was the one who coordinated the tours.
- Prof. Salem also gave a brief presentation on Tanta University and Center of Excellence in Cancer Research and the proteomic array available at the center and expressed collaborative activities.
- All directors expressed their willingness to assess any efforts at Tanta to collaborate with similar facility as well as to run samples at a discounted rate for who is interested in mass spec analysis.
- Dr Salem gave a talk on anti-cancer chemotherapy and immunotherapy



# With Prof.. Ayman in his Office





# With Prof.. Ayman in his Office





GRU CANCER  
CENTER

## Upcoming Speakers

All presentations held in the Cancer Center, 1st Floor Conference Room, CN 1102 unless otherwise noted.

Tuesday, December 2, 1:30pm

Special Guest Speaker Presentation:

Chemotherapy and Cancer Immunotherapy:  
To Be or Not to Be

Presented by:

**Mohamed Labib Salem, Ph.D.**

Professor of Immunology

TABTA UNIVERSITY, Egypt

Visitor professor at Medical University of South Carolina



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GRU CANCER  
CENTER

GEORGIA REGENTS UNIVERSITY





GRU Cancer Center <cancer@gru.edu>  
 Monday, December 01, 2014 11:56 AM  
 Hensley, Karen  
 Upcoming Speakers: November 3rd - November 7th, 2014 (CORRECTION)



## Upcoming Speakers


Presentations held in the Cancer Center, 1st Floor Conference Room, CN 1102 unless otherwise noted.

Friday, December 2, 1:30pm  
 Guest Speaker Presentation:  
 Chemotherapy and Cancer Immunotherapy:  
 Effective or Not to Be



Mohamed Labib Salem, Ph.D.  
 Professor of Immunology  
 AIN HELWAN UNIVERSITY, Egypt  
 Professor at Medical University of South Carolina

cancer.gru.edu



Center for Biotechnology and Genomics  
 Georgia Research Alliance

"SELF-REACT"

# Quality Enhancement

Identifying areas for improvement in student learning as we




# Prof. Ayman introduces Prof. Salem's talk

## Chemotherapy and cancer immunotherapy: to be or not to be

Mohamed Lubis Salem, PhD

Prof. of Immunology

Director, Center of Excellence in Cancer Research  
Tanta University, Egypt

GRU, Augusta, Georgia  
December 2, 2014



EXIT





Types of Cancer Immunotherapy  
Adoptive Transfer

- originate from self (gen)
- specific T cells are absent.
- active immune cells do not attack the tumor.
- cells proliferate and persist in tumors.





# **My visits to Research Core Facilities**







A man with short grey hair, wearing a black sweater with grey horizontal stripes, blue jeans, and a pink shirt, stands on a concrete sidewalk. He is holding a light-colored jacket over his left arm. Behind him is a large, light-colored building with a grid of panels. The building has a sign that reads "William F. Hamilton Wing RESEARCH AND EDUCATION". To the left and right of the building are large trees with green and brown leaves. In front of the building is a row of green bushes. A red sign with "FDC" and a downward arrow is mounted on the building's wall.

William F. Hamilton Wing  
RESEARCH AND EDUCATION

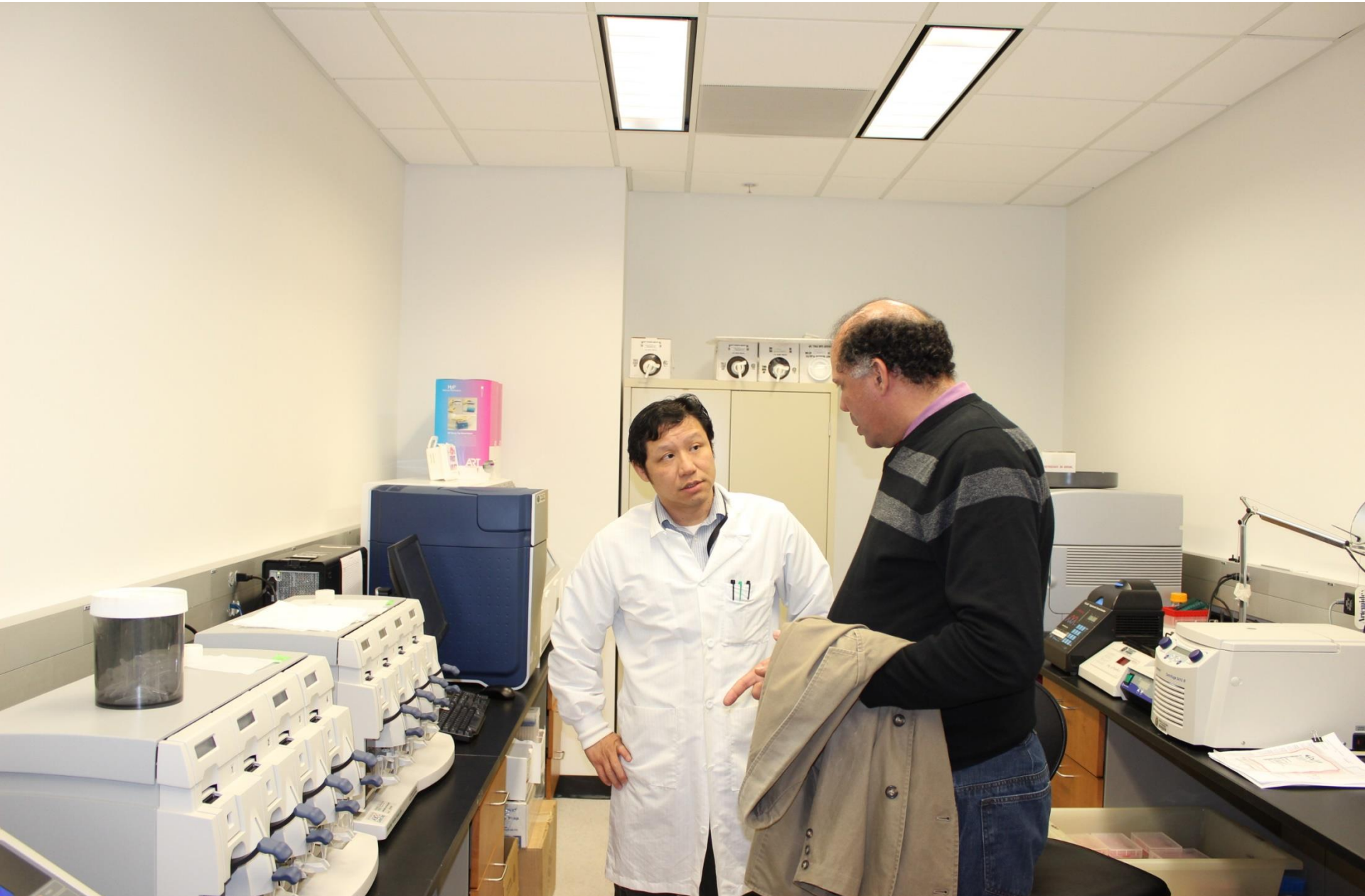
FDC  
↓



# At Protein array Core Facility

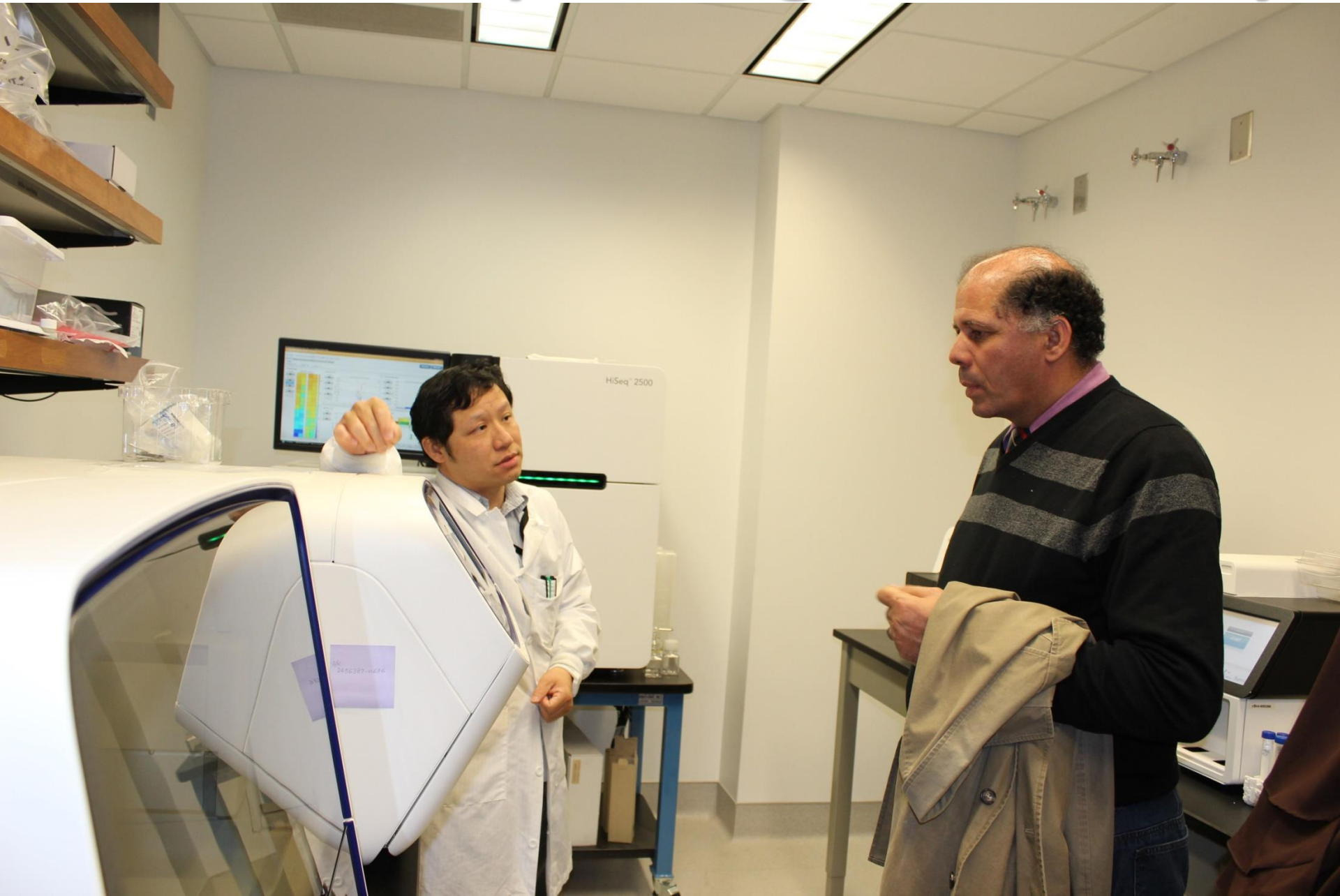


# At Protein array Core Facility





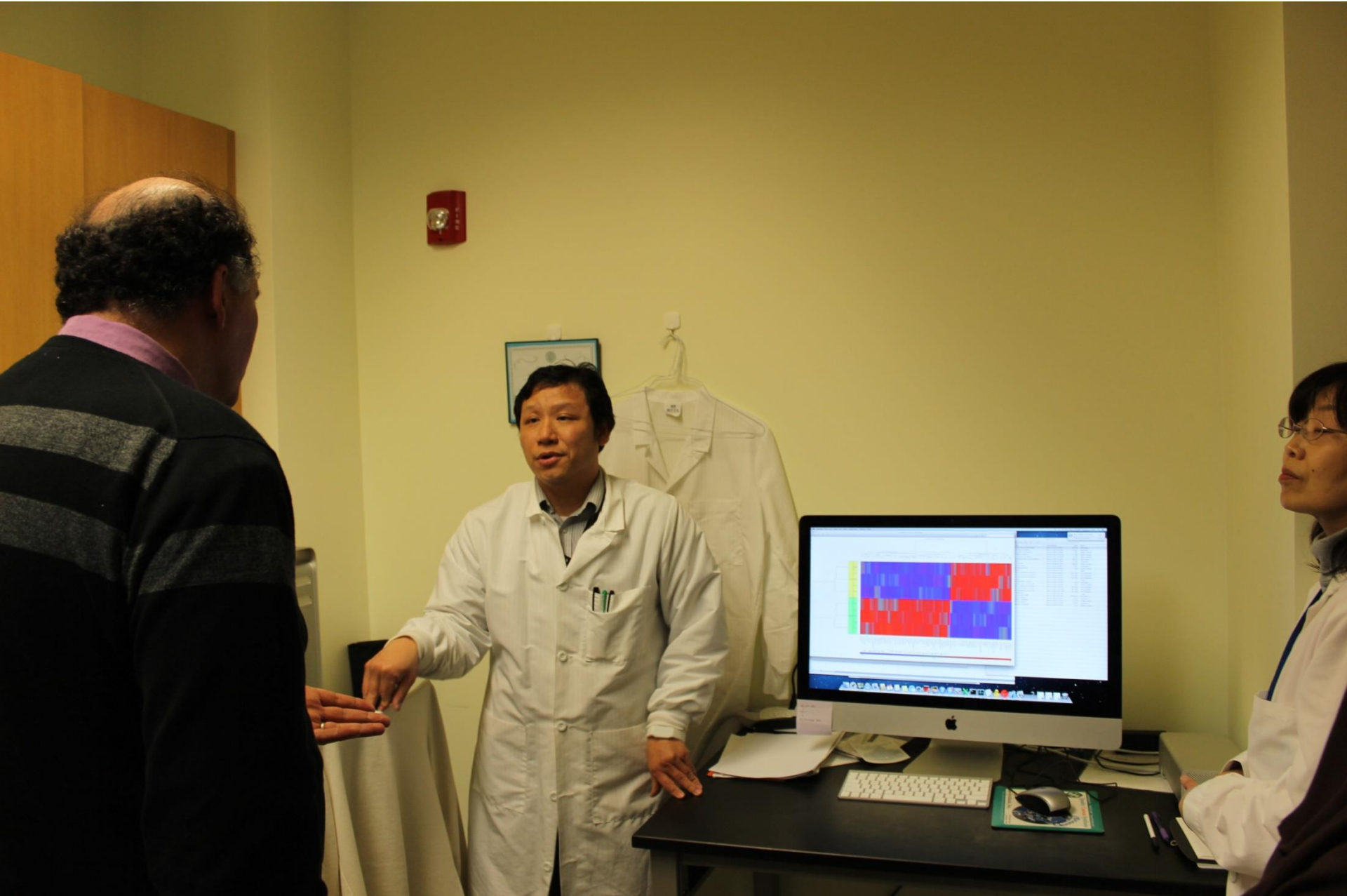
# At DNA sequencing Core Facility



# At DNA sequencing Core Facility



# At Bioinformatics Core Facility

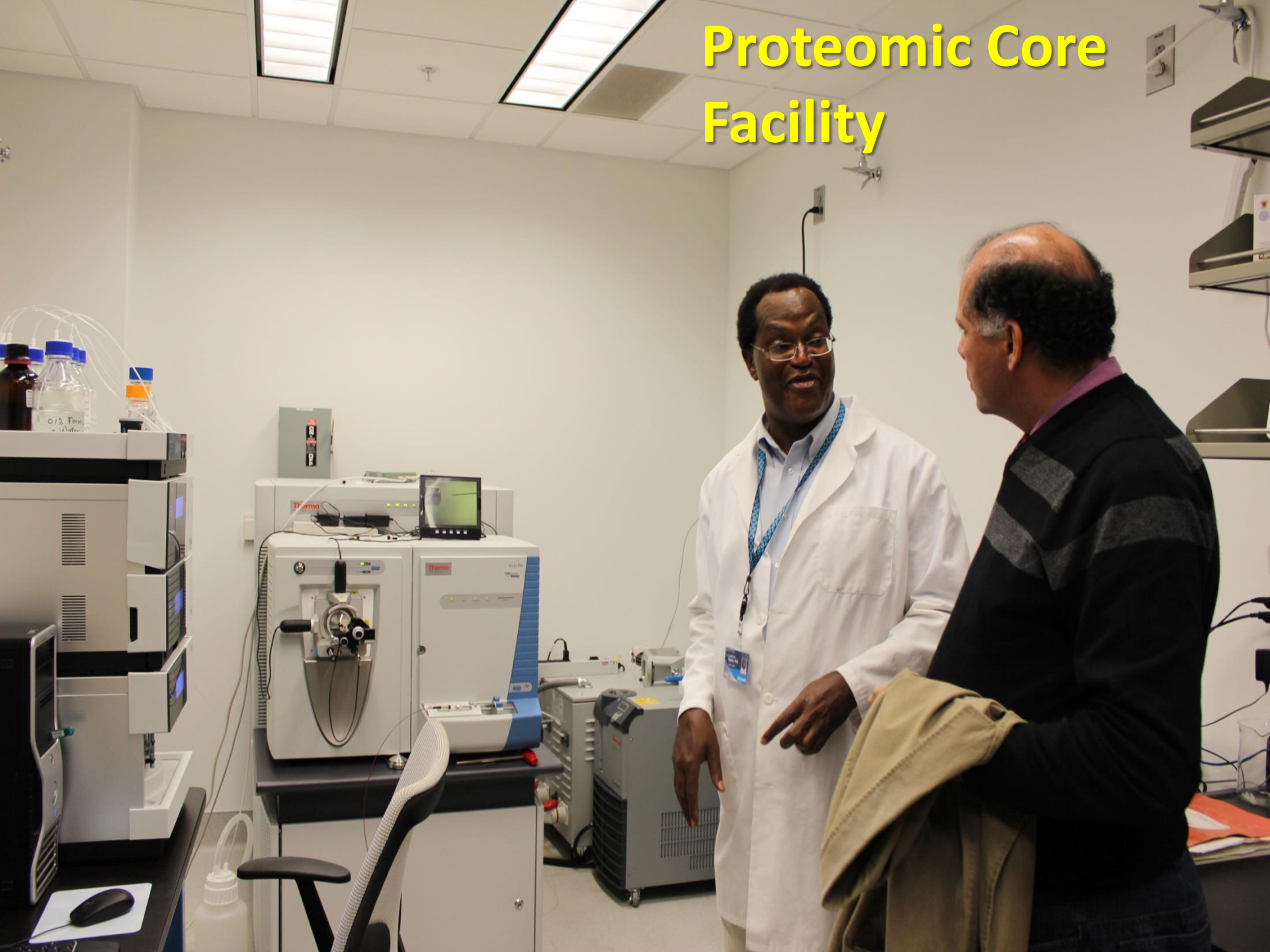




# At Proteomic Core Facility



# Proteomic Core Facility

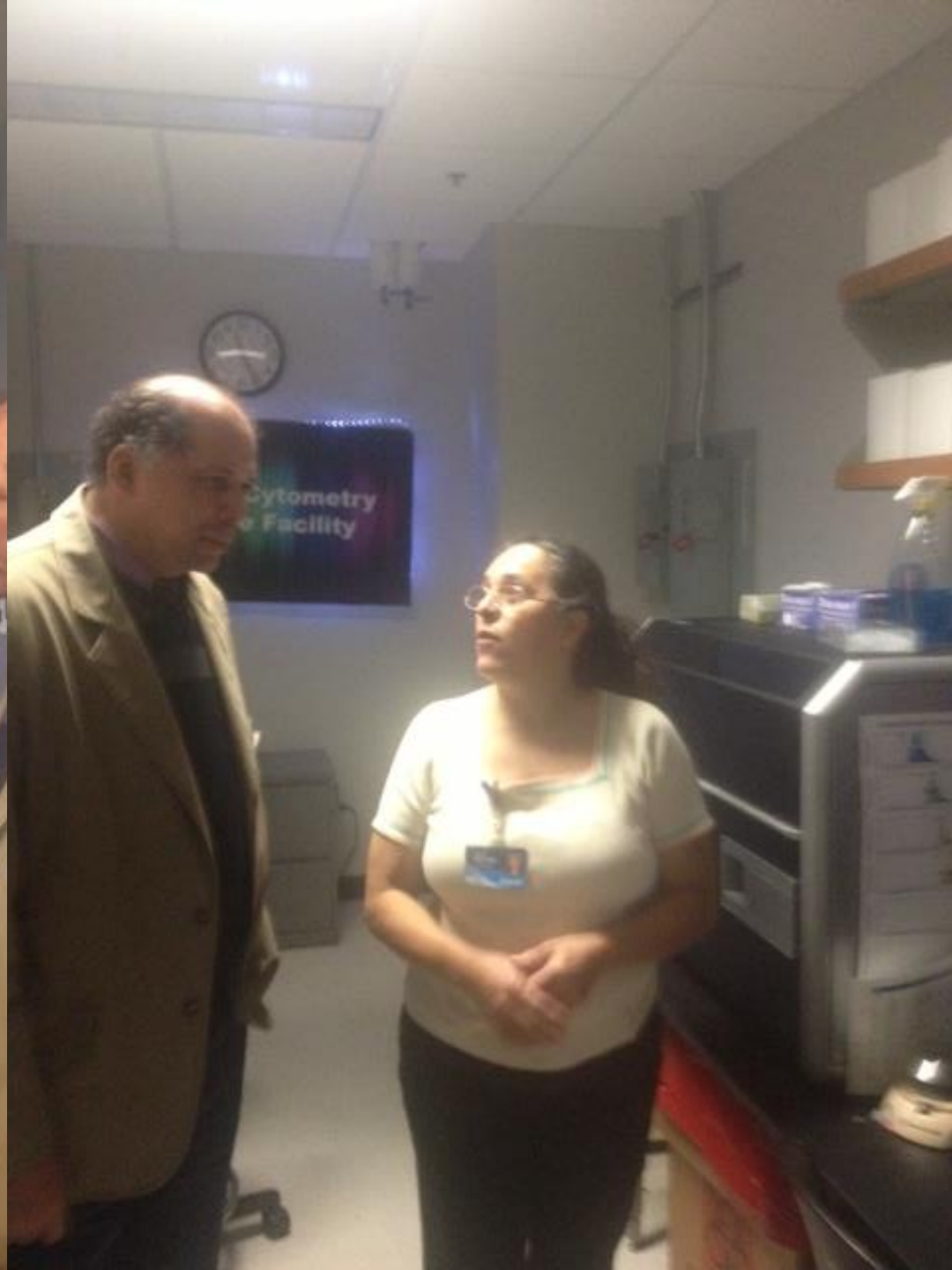
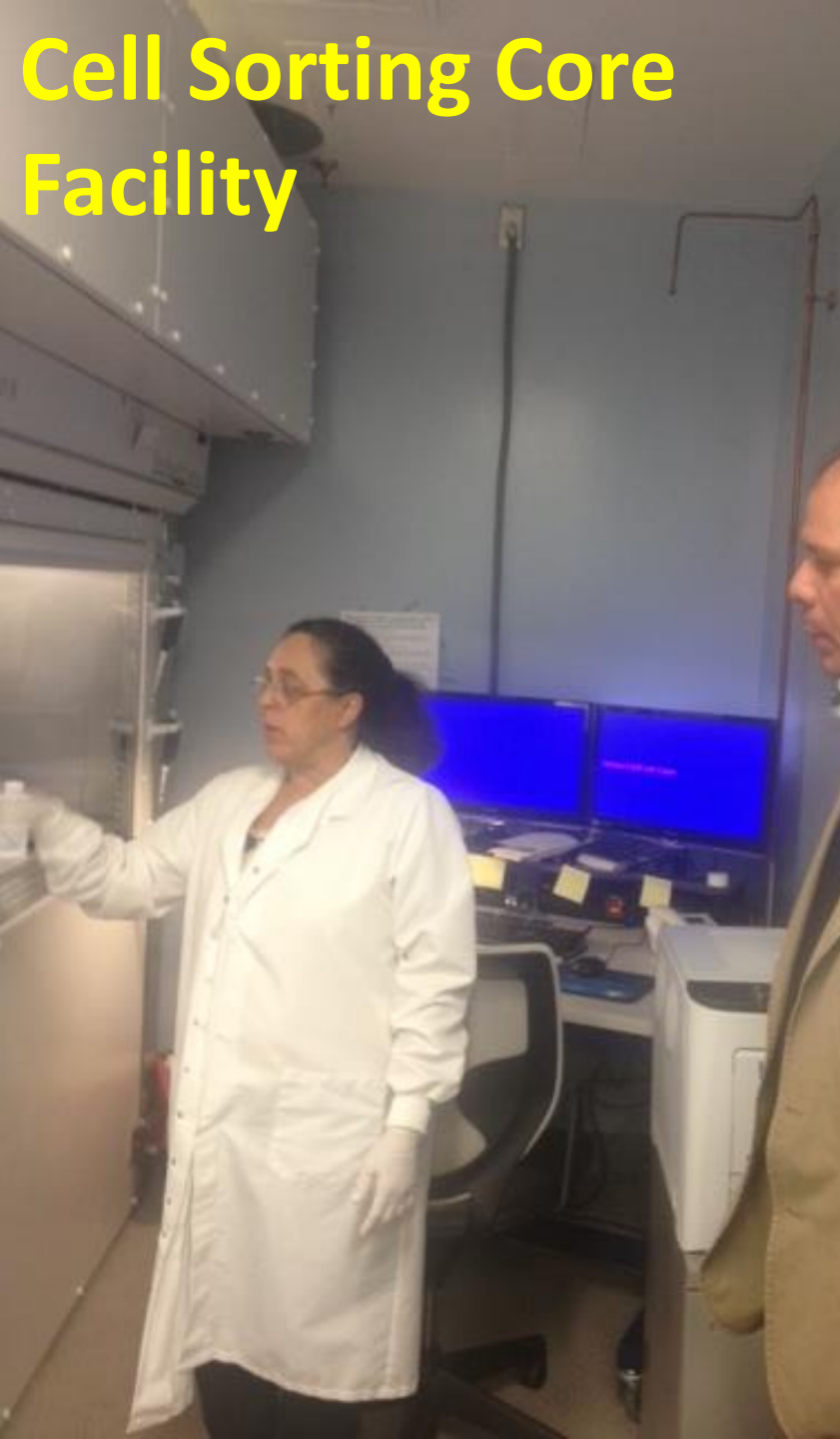


# Cell Sorting Core Facility





# Cell Sorting Core Facility



# Tumor Tissue Bank Core Facility



# Tumor Tissue Bank Core Facility





If someone interested to get more information or reach ***Dr. Ayman Al-Hendy*** , please contact me at:  
[cecr@unv.tanta.edu.eg](mailto:cecr@unv.tanta.edu.eg)

**Thank you**  
**Prof. Mohamed L. Salem**