The Multidisciplinary Research Centre of Excellence (MRCE) Organizes the 6th Workshop on: Novel approaches for the diagnosis of hepatitis E viruses

Registration fees:
- 800 L.E for Faculty members and their assistants from Assiut University.
- 1000 L.E for Faculty members and their assistants from other Universities.
- 300 L.E for students.
- 1500 L.E for Non-Academic Participant.

Accommodation:
Is available upon prior request (at least two weeks before the workshop start date):
- 200 LE for Single room/day.
- 300 LE for Double room/day.

payable to the MRCE at the 5th floor, Main Building of The Faculty of Science.

Centre Manager:
Prof. Dr. Nagwa Abo El Maali
MRCE Centre, 5th floor, Faculty of Science Main Building, Assiut University.

For contact:
www.aumrce.org
Tel: 0882412016– 0882412014
Fax: 0882080799
Mob: 01099239311
Email: mrce@aun.edu.eg

8-9 May 2016
MRCE Centre, 5th floor, Faculty of Science Main Building, Assiut University.
**MRCE Vision:**

The MRCE aims to be a “National centre of Excellence” in innovative applied research, commercialization of scientific knowledge, and credible advisory services in order to contribute to the transformation into a knowledge-based society.

**MRCE Mission:**

The MRCE targets the implementation of research activities and programs that contribute to the development and mobilization of Egyptian resources and expertise for national development.

**MRCE Strategy:**

To implement and carry out: Applied research activities in priority areas; R&D, innovation, value-addition, commercialization of scientific knowledge, product development, human and institutional capacity building, teaching and advisory services.

**MRCE Group:**

نخبة متميزة من أعضاء هيئة التدريس من كلية:
- العلوم و الطب و الصيادة و معهد جنوب مصر للأورام بجامعة أسيوط .
- الأزهر و صيدلة الأزهر فرع أسيوط.

**Workshop Topics:**

The workshop is a combination of lectures and hands-on gene experiments on:
- Viral Genome Detection in serum and faces.
- Nucleic acid extraction.
- Real-time PCR (RT-PCR).
- HEV genotyping and phylogenetic analysis.
- Transmission electron microscope.
- Serological analysis (ELISA test).

**Workshop Program:**

- **Oral presentations about:**
  - Overview: Viruses.
  - Hepatitis Viruses & HEV.
  - Diagnostic approaches.
  - Production of antihepatitis vaccines.
  - Phylogenetic Tree Design.

- **Practical section:**
  - RNA Extraction
  - Detection of viral RNA as HEV by real time PCR.
  - PCR reaction & Gel electrophoresis.
  - Transmission electron microscope technique (TEM).

**Who should attend?**

Academics, medics and researchers who are interested in real time PCR, Transmission Electron Microscope and its application.