

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

جمعية الشرق الأوسط للتنمية والتعاون في الميدان التكنولوجي AECENAR Middle East



مركز الابحاث التطبيقية في ميادين البيوتكنولوجيا و الطاقة البديلة

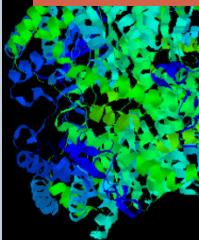
Applied Research Institutes

Biotechnology

<http://aecenar.com/institutes/megbi>

Development of a synthetic peptid vaccine against H5N1 based on MHC-I epitopes

Molecular Modeling / Computational Biology



The avian influenza virus: H5N1

Avian Influenza is caused by the Influenza-A-Virus H5N1 which is found in birds.

vRNA Segments Core Proteins

HA

NP

NA

M

NS

NS1

NS2/NEP

HA

NP

NA

M

NS

NS1

NS2/NEP

HA

NP

NA

M

NS

NS1

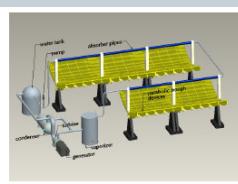
NS2/NEP

Genetic Engineering

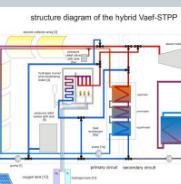
Alternative Energy Technology

<http://aecenar.com/institutes/meae>

Investigations for a Solarthermal Power Plant



ProE Model of the Direct Heating Teststand



Test rig (Data Measurement)



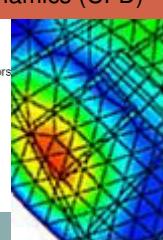
Process Control
Technology with
PLC

Architecture of process control system (sensors and actuators)



Computer Aided Design (CAD)

Computational Fluid
Dynamics (CFD)



للاتصال:

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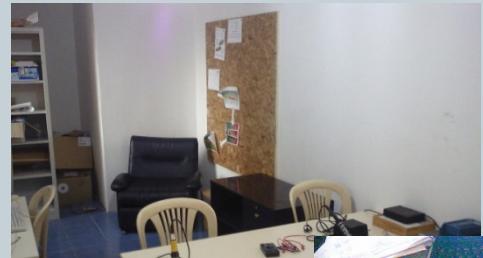
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Laboratories

ايلكترونیک



الهندسة الجينية



حاسوبية

