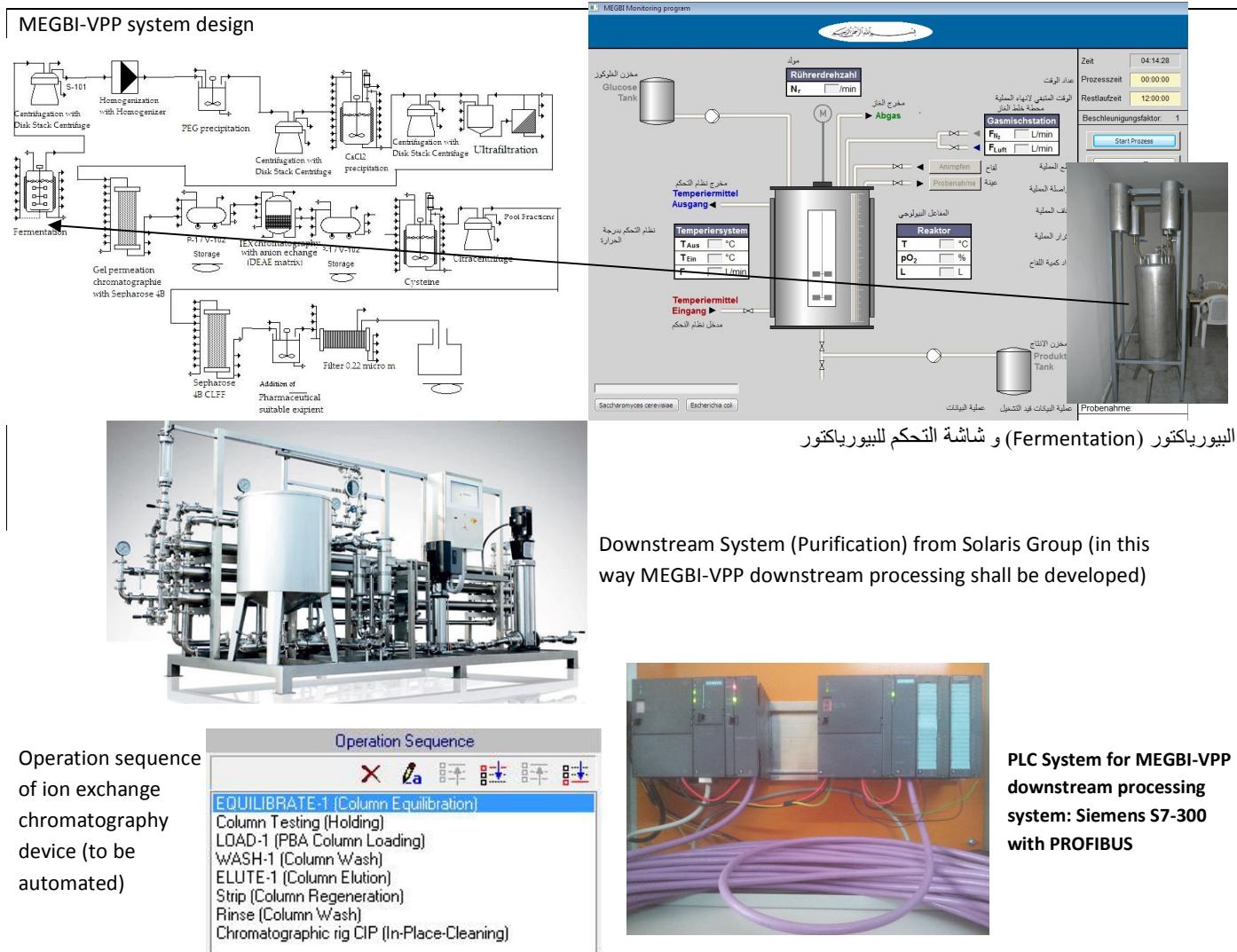


Ras Nhache/Batroun - Tripoli, 13th Jan 2015



Automation for the downstream processing system of the DNA vaccine production plant MEGBI-VPP

- Design of Software (State machines) for Homogenizer, Disc Stack Centrifuge in including CIP/SIP functional elements, Process Scale Gel Permeation and ion exchange chromatographic devices, Process Scale Ultrafiltration Device (6 weeks)
- Graphical User Interface for the automation of MEGBI-VPP downstream processing (DSP) unit (4 weeks)
- Adaptation of a Graphical User Interface to a Siemens S7 PLC system (6 weeks)
- Documentation (3 weeks)

Keywords: Automation, PLC, Siemens S7, Programming, User Interface, C++/Java, Biotechnology