



**UNIVERSITÀ
DI PARMA**

DIPARTIMENTO DI SCIENZE
DEGLI ALIMENTI E DEL FARMACO

PhD COURSE ON SCIENCES OF DRUGS, BIOMOLECULES AND HEALTH PRODUCTS
MASTER IN PHARMACEUTICAL AND REGULATORY STRATEGIES IN MEDICINAL PRODUCTS DEVELOPMENT

TWO DAY SEMINAR ON

QUALITY BY DESIGN IN PHARMACEUTICAL DEVELOPMENT: THEORY AND CASE STUDIES

*Parma, April 12-13, 2018
Pharmacy Building, Room C
Campus, University of Parma*

Lecturers:

Dr. S.N.Politis and Professor D.M.Rekkas, University of Athens

Organized by:

Emeritus Prof. Paolo Colombo, PlumeStars srl, with the acknowledged support of



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DAY 1: APRIL 12TH, 2018

09.30 - 10.00	Welcoming, introduction of participants
10.00 - 11.00	The Quality Guidelines <i>D.M.Rekkas</i>
11.00 - 11.30	Coffee Break
11.30 - 13.00	Quality by Design, Knowledge Management and Statistical Thinking <i>D.M.Rekkas</i>
13.00 - 14.30	Lunch
14.30 - 15.30	Design of Experiments <i>D.M.Rekkas</i>
15.30 - 16.30	Mixture and Factorial designs theory and practice-Case studies I <i>D.M.Rekkas, S.N.Politis</i>
16.30 – 17.00	Discussion- Question and Answers

DAY 2: APRIL 13TH, 2018

09.30 - 11.00	Mixture and Factorial designs theory and practice-Case studies II <i>D.M.Rekkas, S.N.Politis</i>
11.00 - 11.30	Coffee Break
11.30 - 13.00	Quality Risk Management in pharmaceutical product and process development <i>S.N.Politis</i>
13.00 - 14.30	Lunch
14.30 - 16.00	Statistical Process Control and Capability Analysis – Theory and applications <i>S.N.Politis</i>
16.00 - 17.00	Case studies proposed by the participants