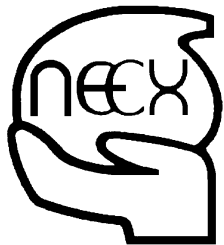


# Accreditation of Analytical, Microbiological and Medical Laboratories

**ISO/IEC 17025:2017 and ISO 15189:2012**



*Despina Charalambous-Kyriacos Tsimillis*

**PANCYPRIAN UNION OF CHEMISTS (PUC)  
DIVISION OF QUALITY ASSURANCE**

Nicosia, Cyprus, 20-21 February 2020

# *60 years of PUC*

The Pancyprian Union of Chemists (PUC) was established in 1960. PUC happens to have the same age as the Republic of Cyprus!

As from 1997, PUC became an Associate Member of Eurachem; soon after (2000) it became a Full Member.

The Division of Quality Assurance was established in 2014.

# *Areas of Interest*

- Analytical, microbiological and medical laboratories
- Forensic laboratories
- Metrology in Chemistry
- Quality Management /Quality Systems in Industry (Food, Pharmaceuticals, etc.)
- Environmental Management

# *Participation in Eurachem...*

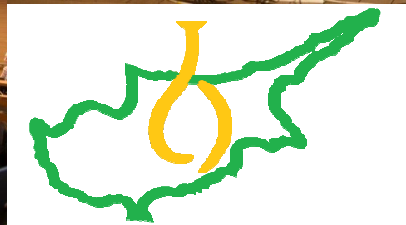
- General Assembly
- Executive Committee
- Working Group “Education and Training”
- Working Group “Reference Materials”
- Working Group “Proficiency Testing”
- Training activities

# *Hosting Eurachem Week*

in 2002 and 2017 – General Assembly,  
meeting of the Working Groups and two-day  
Workshops on

- Quality Assurance in Testing Laboratories –  
A need and a challenge (2002)
- Uncertainty in Qualitative and Quantitative  
Analysis (2017)





<https://www.ucy.ac.cy/eurachem2017>



# 22-23 February 2018

A two-day training programme on the new standard ISO/IEC17025:2005

- 28 participants - six of them from other countries in the region, namely Armenia, Georgia, Iran and Lebanon
- Interest in further collaboration

# The first event in a series...





# 21-22 February 2019

A two-day training on critical issues of the accreditation standards

- co-organised with Eurachem
- The first event of the year – the 30<sup>th</sup> anniversary of Eurachem
- Participation of 40 colleagues – Georgia, Belgium, Belarus, Georgia, Lebanon, Norway, Palestine
- It was obvious that we had to go on...

# *The second event in a series...*



# *This is how...*

we reached the 3<sup>rd</sup> training programme on accreditation of laboratories; for the scope and expectations I will make a brief reference later.

# *This event is dedicated*

to our beloved friend,  
the late Mary Eleftheriadou,  
who passed away in November 2018.

The two speakers who will follow are going to say a few words about Mary. They have both worked with her for many years, in the State General Laboratory and the European University.

I only refer in brief to our cooperation...



**ΔΙΑΣΦΑΛΙΣΗ ΠΟΙΟΤΗΤΑΣ  
ΣΤΗ ΒΙΟΜΗΧΑΝΙΑ ΤΡΟΦΙΜΩΝ**

**Πρόγραμμα Κατάρτισης 21 ωρών**

Εγκριμένο από  
την Αρχή Βιομηχανικής Κατάρτισης

**12 Μαρτίου μέχρι 2 Απριλίου 1997**

**Ξενοδοχείο Φιλοξενία, Λευκωσία**

**Παγκύπρια Ένωση Επιστημόνων Χημικών**



**QUALITY ASSURANCE  
IN FOOD INDUSTRY**

**Training Programme**

**12 March - 2 April 1997  
(21 hours)**

**ΔΙΑΣΦΑΛΙΣΗ ΠΟΙΟΤΗΤΑΣ  
ΣΤΗ ΒΙΟΜΗΧΑΝΙΑ ΤΡΟΦΙΜΩΝ**

**Πρόγραμμα Κατάρτισης 21 ωρών**

Εγκριμένο από  
την Αρχή Βιομηχανικής Κατάρτισης

**4-25 Νοεμβρίου 1997**  
**Ξενοδοχείο Φιλοξενία, Λευκωσία**

Παγκύπρια Ένωση Επιστημόνων Χημικών



**QUALITY ASSURANCE  
IN FOOD INDUSTRY**

**Training Programme**

**4 - 25 November 1997**  
**(21 hours)**

**ΔΙΑΣΦΑΛΙΣΗ ΠΟΙΟΤΗΤΑΣ  
ΣΤΑ ΑΝΑΛΥΤΙΚΑ ΕΡΓΑΣΤΗΡΙΑ**

**Πρόγραμμα Κατάρτισης 24 ωρών**

(Εγκριμένο από  
την Αρχή Ανάπτυξης Ανθρώπινου Δυναμικού)

**8 μέχρι 31 Μαΐου 2000**  
**Ξενοδοχείο Κλεοπάτρα, Λευκωσία**

Παγκύπρια Ένωση Επιστημόνων Χημικών

**QUALITY ASSURANCE  
IN ANALYTICAL  
LABORATORIES**

**Training Programme**

**8 - 31 May 2000**  
**(24 hours)**



# Spring 2000 Cleopatra Hotel

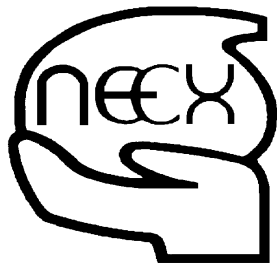




# QUALITY ASSURANCE FOOD AND WATER

**One-day Seminar  
23 January 2015**

**University of Cyprus**



# *Accreditation*

We had very productive cooperation as members of assessment teams of the Cyprus Accreditation Body (CYS-CYSAB) in assessments of a number of microbiological laboratories, in Cyprus and in Lebanon.

# Accreditation for Microbiological Laboratories

**Second Edition 2013**

## **Editors**

Mary Eleftheriadou, European University Cyprus  
Kyriacos C. Tsimillis, Cyprus Accreditation Body

## **Composition of the ad hoc Working Group**

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K. C. Tsimillis, Cyprus Accreditation Body  
G. T. Papageorgiou, State General Laboratory, Cyprus  
N. Pissarides, State General Laboratory, Cyprus  
A. Varnava-Tello, State General Laboratory, Cyprus

## **Recommended citation**

This guidance should be cited\* as  
M. Eleftheriadou and K. C. Tsimillis (Eds), Eurachem guide: Accreditation  
for Microbiological Laboratories, Second edition (2013),  
ISBN: 978-91-87017-92-6. Available from [www.eurachem.org](http://www.eurachem.org).

*\*Subject to journal requirements*



*Training  
Programme  
dedicated to  
the memory of*

*Mary  
Eleftheriadou*