



Pancyprian Union of Chemists  
Division of Quality Assurance  
Eurachem Cyprus Committee



<b>Laboratory Accreditation</b> <b>A TWO-DAY TRAINING COURSE ON THE NEW STANDARD, ISO 15189:2023</b> <b><i>Medical laboratories – Requirements for quality and competence</i></b> 16-17 March 2023 <i>Cleopatra Hotel, Nicosia, Cyprus</i>
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### Day 1 – Thursday 16 March 2023

09.00 - 09.30	- Welcome addresses by Eurachem ETWG, Association of Clinical Laboratory Directors, Biomedical and Clinical Laboratory Scientists and PUC (Division of Quality Assurance) - Presentation of the tutors and the participants - Introduction – Scope and expectations of the training - <i>Short video</i>
09.30 - 10.15	- The new standard; what is changing - Comparison with the 2012 version (in brief) - The structure of the standard - Terminology - The new provisions - An introduction – POCT requirements - Transition to the new standard - Laboratory activities - Scope of accreditation
10.15 - 11.00	- General requirements - Structural and governance requirements
11.00 - 11.30	<b><i>Coffee break</i></b>
11.30 - 12.30	- Resource requirements – Personnel – Facilities – Equipment
12.30 - 13.00	- Process requirements
13.00 - 14.00	<b><i>Lunch break</i></b>
14.00 - 14.45	- Metrological traceability - ISO 17511 ( <i>Elvar Theodorsson</i> )*
14.45 - 15.15	- Regulation <i>in vitro</i> diagnostics ( <i>Elvar Theodorsson</i> )*
15.15 - 15.30	<b><i>Coffee break</i></b>
15.30 - 16.15	- Technical requirements: Steps to be followed by laboratories ( <i>Irini Leimoni</i> )
16.15 - 16.45	- Exercise 1
16.45 - 17.15	- Discussion on Exercise 1
17.15	<b><i>End of Day 1</i></b>
20.00	<b><i>Dinner</i></b>

## Day 2 – Friday 17 March 2023

09.00 - 09.30	- Discussion on Exercise 1
09.30 - 10.00	- Control of data and information management
10.00 - 10.30	- The management system - Options A and B
10.30 - 11.00	- Risks and opportunities
11.00 - 11.30	<b>Coffee break</b>
11.30 - 12.00	- Measurement uncertainty ( <b>Mike Ramsey</b> )*
12.00 - 12.30	- Uncertainty arising from sampling ( <b>Mike Ramsey</b> )*
12.30 - 13.00	- Exercise 2
13.00 - 14.00	<b>Lunch break</b>
14.00 - 15.00	- Discussion on Exercise 2
15.00 - 15.30	<b>Coffee break</b>
15.30 - 16.00	- Management requirements: Steps to be followed by laboratories ( <b>Irini Leimoni</b> )
16.00 - 16.30	- Genetic Epidemiology of SARS-CoV-2 Infection in Cyprus ( <b>Leontios Kostrikis</b> )
16.30 - 17.00	Discussion - Concluding remarks - Handing over of certificates
17.00	<b>End of the training course</b>

### Notes:

*\*To be presented virtually*

*Kyriacos Tsimillis and Despina Charalambous will be the two tutors to present the requirements of the new Standard*