



QUALITY ASSURANCE IN LABORATORY TESTING FOR IEM

Exec Chair's Update 2016

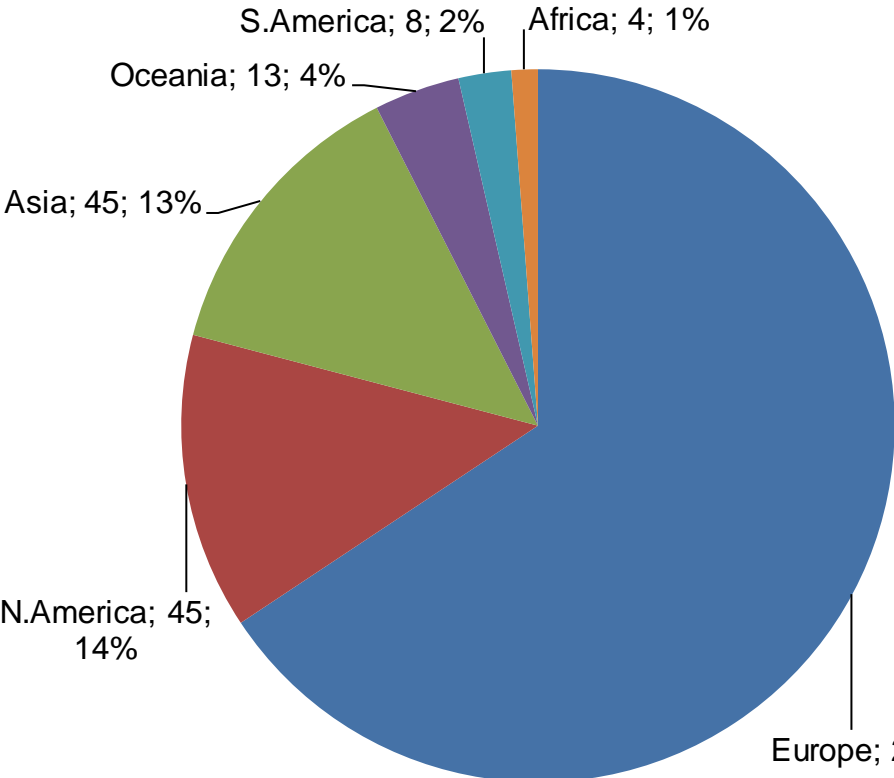
George Ruijter

- George Ruijter

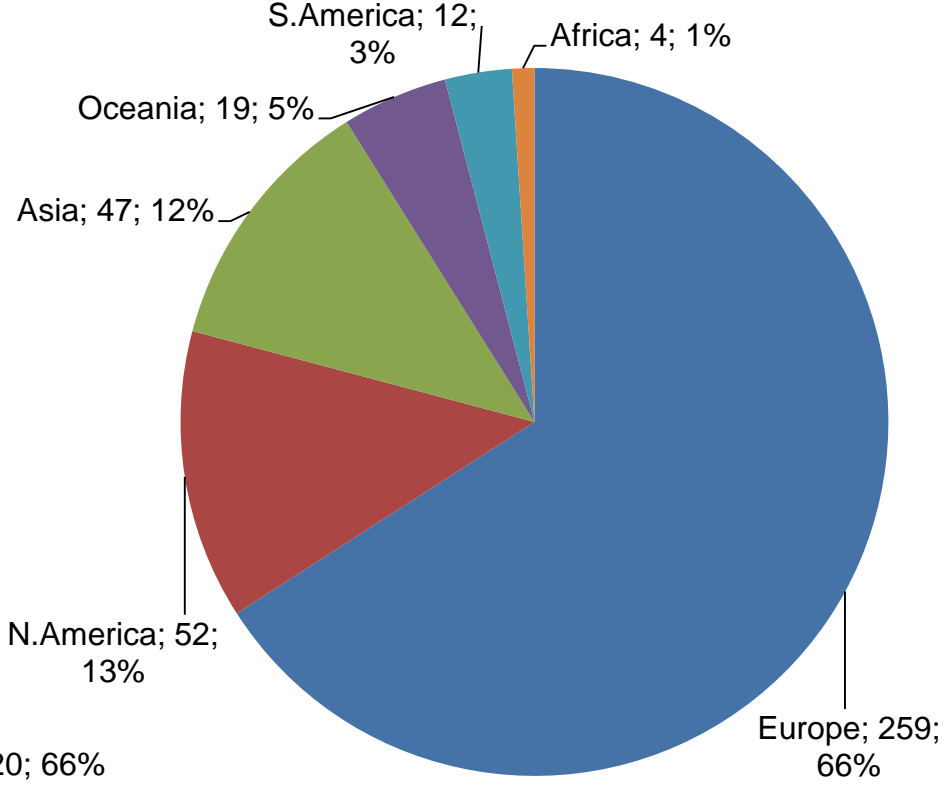
Erasmus MC
Universitair Medisch Centrum Rotterdam



ERNDIM: Participants



2011: Number of participants = 335
• Number of participating countries = 52

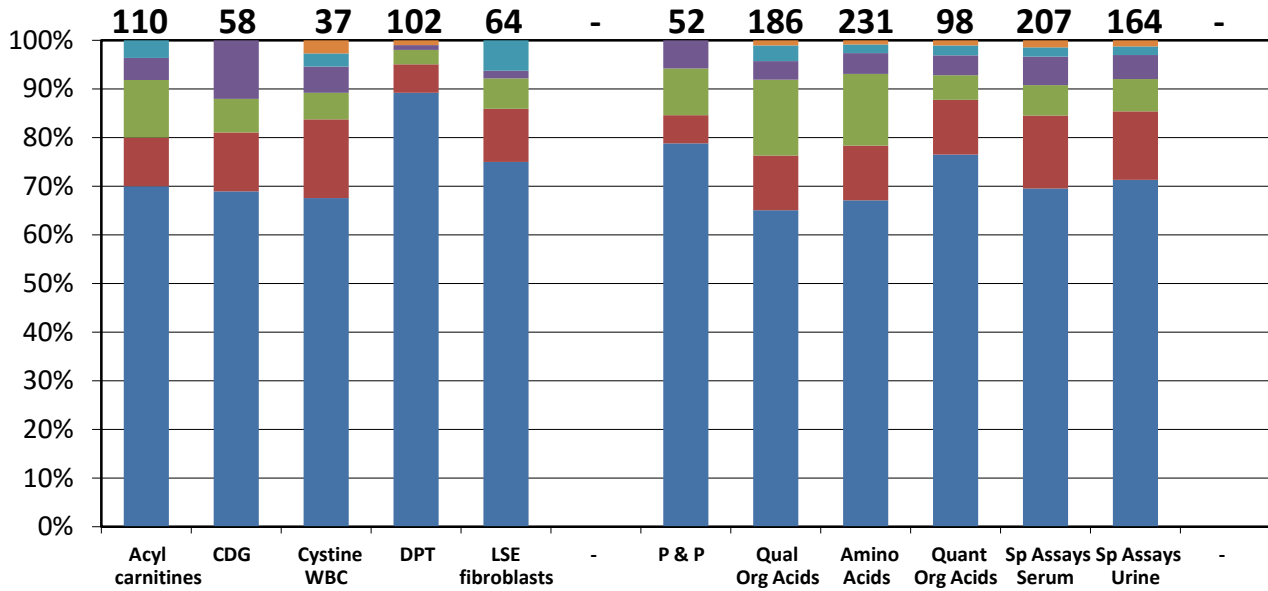


2016: Number of participants = 393
(17% ↑ on 2011)
• Number of participating countries = 59

ERNDIM: EQA Schemes



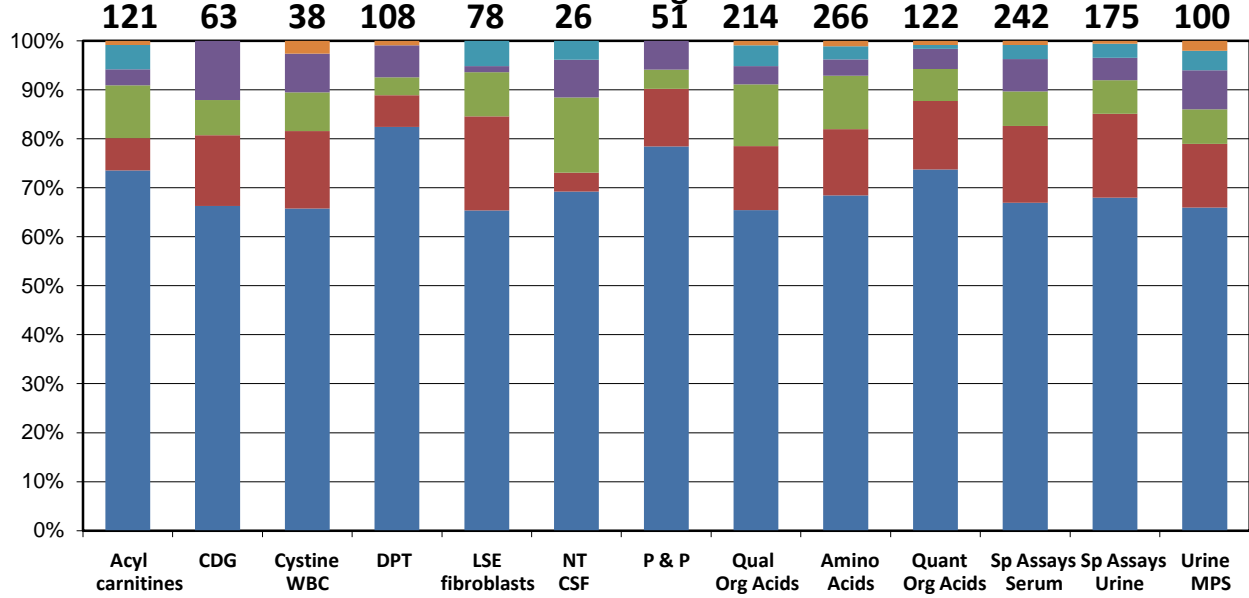
2011: Registrations



2011: 11 QA schemes
1309 scheme registrations



2016: Registrations



2016: 13 QA schemes
1604 scheme registrations
(23% ↑ on 2011)



ERNDIM: EQA Schemes



Pilot schemes

Pilot schemes running in 2016

1. Pterins in urine and Pterins/DHPR in dried blood spots, organised by Nenad Blau (University Children's Hospital, Zurich, Switzerland)
 - Pterins in urine will run as a full scheme for 2017 but the Pterins/DHPR in DBS will no longer operate

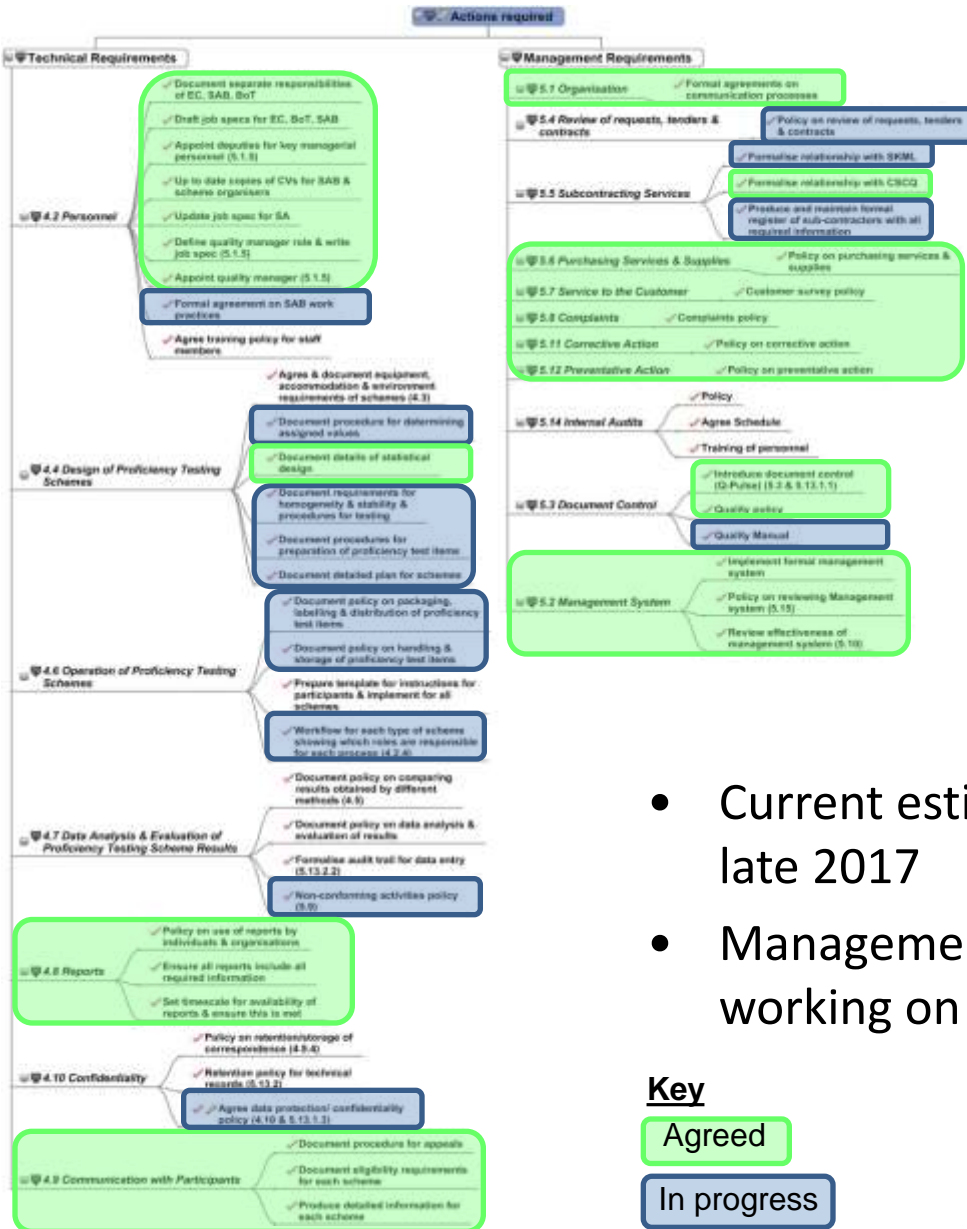
Pilot schemes planned for 2017

1. Cognitive Amino Acids, lead organiser is Prof Brian Fowler (Basel, Switzerland)

Other new schemes for 2017

Acylcarnitines in Serum: the acylcarnitines will be taken out of the Special Assays in serum scheme & will instead run as a separate scheme. This will allow the range of acylcarintines in the scheme to be expanded.

ERNDIM: Path to accreditation



- ISO/IEC 17043 specifies the standards to be met for all aspects of a proficiency testing scheme and the management of the proficiency testing provider
- Initial GAP analysis allowed development of list of proposed actions required to meet ISO/IEC 17043

- Current estimate for meeting these requirements is late 2017
- Management requirements were prioritised but now working on the Technical Requirements

Key

Agreed

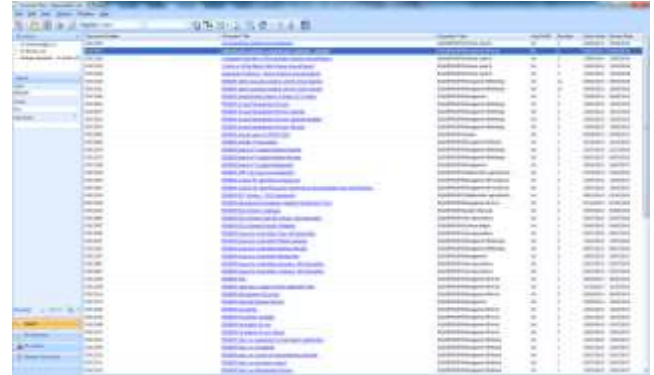
In progress

ERNDIM: Path to accreditation



Progress so far:

- Implementation of formal document control using Q-Pulse software
- Formal management system implemented and reviewed annually
- Documentation of existing ERNDIM policies and procedures and agreement of new policies
- Participant’s Guide – summary of terms and conditions for EQA participation
- Formalisation of relationships with sub-contractors (SKML, CSCQ, Black Cat Websites)
- Changes to scheme calendar to allow annual reports & certificates to be published closer to the end of the scheme year
- Moving qualitative schemes to centralised sample dispatch and online results submission is in progress.....



	DPT	Urine MPS	CDG	Qualitative Organic Acids	Acylcarnitines
Centralised sample dispatch	✓	✓	✓	✓	To be agreed
Online results submission	✓	✓	2017	2017	2017-18

ERNDIM: Administration Office



- Staff: Sara Gardner (Executive Administrator, full time)
Alice Brockway (Administration Assistant, 0.5 x full time)
- Responsible for EQA scheme administration & administration for annual SSIEM Academy
- Increasingly central to the day to day running of ERNDIM but reliant on one person (the Executive Administrator)
- In 2015 SSIEM agreed to:
 - Fund an additional Administration Assistant (0.5 x full time) to help with the administration of the SSIEM Academy.
 - Support one-off software development costs to allow all schemes to move to on-line results submission within an agreed timetable.
- In 2016, as recognition of the unique role ERNDIM has, SSIEM agreed to:
 - Fund a full time Scientific Administrator (deputy to Sara) for 3.5 years – this will increase the resilience of the office, allow more time to be spent on preparing to apply for accreditation and will also allow ERNDIM time to develop a plan for sustainably funding this post for the future.

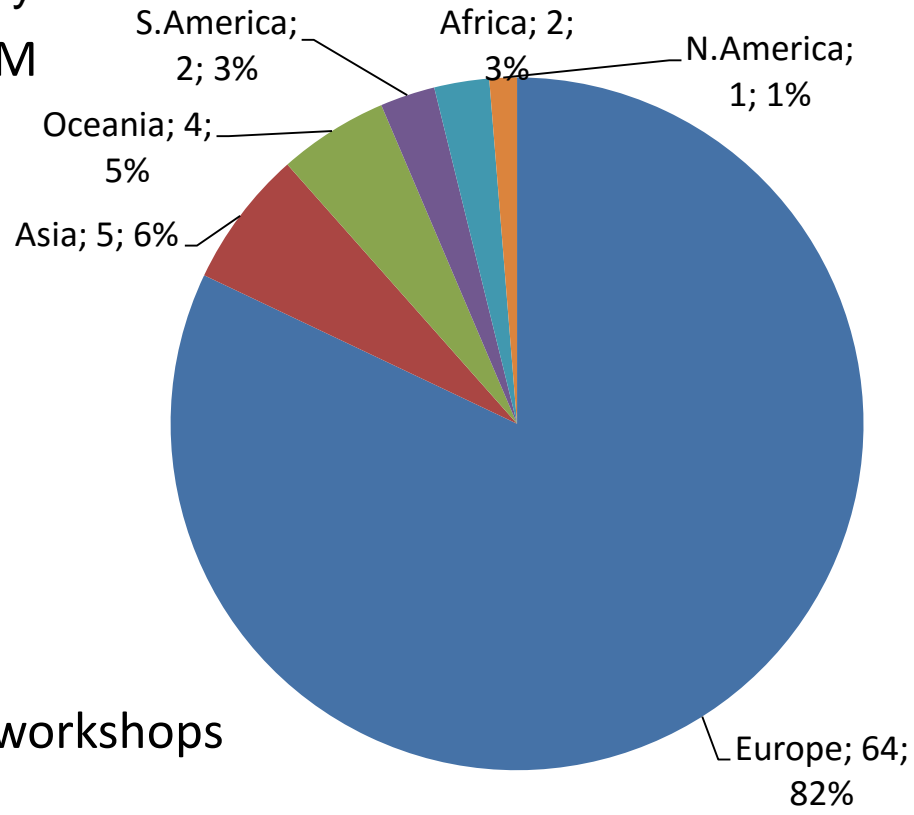
Thank you SSIEM!

ERNDIM: SSIEM Academy



SSIEM Academy 2016

- 18th & 19st April 2016, Freiburg, Germany
- Accommodation (2 nights) paid by SSIEM & 75 Euro non-refundable registration fee with additional 12 Euro fee for the Academy meal
- Course was heavily oversubscribed (66 applications for the clinical course and 57 for the laboratory course)
- Attended by 37 clinicians and 41 laboratory scientists from 30 countries
- The programme was a mix of joint and separate clinical/laboratory lectures & workshops
- Topics:
 - Amino Acids, Hyperammonemia, Urea cycle defects and Metabolic liver disease



Origin of 2016 Academy delegates

ERNDIM: SSIEM Academy



SSIEM Academy 2017

- 24th & 25th April 2017
- Venue: Lyon, France
- Topics:
 - Organic acidemias, fatty acid oxidation defects and cardiomyopathy.
- The final programme and details of the venue will be announced at the end of September 2016
- Course applications will open in October 2016 on the SSIEM Academy page of the SSIEM website (www.ssiem.org/ssiemacademy)

ERNDIM: Participant meeting 2017



- Meeting in Europe separate from ICIEM in Rio
- 1 - 2 day
- Probably October/November 2017
- Registration fee

- DPT meetings and possibly workshops for other schemes
- Other topics to be decided

- Will be announced late 2016/early 2017



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Thank You!