

Study Group / Task Force Name:

## History

Study Group / Task Force Members and Affiliations:

Prof. D. Thorburn Burns, The Queen's University of Belfast (Head of Study Group)  
Prof. H. Deelstra, University of Antwerp  
Prof. R. Salzer, Dresden University of Technology  
Prof. R. van Staden, Bucharest, Romania  
Dr. M. J. Walker, Laboratory of the Government Chemist, Teddinton

Objectives:

To study and publish accounts of the history of analytical chemistry in Europe. To promote a lecture and publications on this topic for each Euroanalysis Conference.

Activities and Outputs in 2016-2017 (e.g. reports, publications, seminars, meetings)  
Further to the 6 items produced earlier in 2016:

1. H. Deelstra and D. Thorburn Burns, "Paul Coremans: A pioneer chemist in the application of scientific techniques to the visual arts", in press, conference proceedings
2. D. Thorburn Burns, L. Tweed and M. J. Walker, "Ground Roast Coffee: Review of analytical strategies to estimate the geographic origin, species authenticity and adulteration by dilution", *Food Anal. Methods*, **10**, 2302-2310, (2017), contains historical aspects of adulteration and its detection, including work by F. Accum and by Thomas Graham. This has been noted in UK national papers and extensively in the trade press.
3. D. Thorburn Burns and M. J. Walker, "Gordon Monier-Williams OBE, MC, MA, PhD, FRIC (1881-1964): A major contributor to the improvement in quality and purity of foodstuffs via his professional influences and innovations in analytical chemistry", the text is complete, negotiating for an on-line appendix of his best known work, that on the determination of sulphite in foods, which is still in use as a referee method. This was published in 1927 but not in the open literature but as a UK Government Agency Report.

Activities planned for 2017-2018:

1. Assist, if requested, with publication of the historical lecture given at Euroanalysis ~~IXX~~<sub>X</sub>
2. Complete the review of the history of analytical chemistry in Romania (R. van Staden and Burns)

Report submitted by: D. Thorburn Burns

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