

# BRITISH PHARMACOPOEIA COMMISSION

## Panel DNA: Identification Techniques

### SUMMARY MINUTES

A meeting of this Expert Advisory Group was held at 10 South Colonnade, Canary Wharf, London, E14 4PU, on Friday 20th July 2018.

**Present:** Professor A Slater (*Chair*), Dr M Carine, Professor J Hawkins, Dr Ed Mee and Ms F Mück

**In attendance:** Ms C Gkouva, Dr C Howard, Dr C Lenihan, Ms C Lockie Williams, Mr H Makwana, and Ms M Wall

**Apologies:** Dr I Feavers, Mr L Gibson and Professor E Williamson

#### I GENERAL MATTERS

102 **Opening Remarks** DNA(18)10

**Welcome** The Chair welcomed members and all attendees to the meeting and introduced Dr Mark Carine, attending his first Panel DNA meeting. The Chair also welcomed Ms F Mück, who was observing the meeting.

**Confidentiality and declaration of interests** Members were reminded that all papers and minutes were confidential and should not be disclosed. A guidance document had previously been provided.

Members were reminded of their responsibility to declare interests throughout the meeting and to keep the Secretariat informed of any changes to their interests.

**Expenses** Members were reminded to complete an expenses form and submit this in a timely manner. If there were queries members should contact Brian Delahunty ([brian.delahunty@mhra.co.uk](mailto:brian.delahunty@mhra.co.uk)) or any member of the Secretariat directly.

#### II MINUTES

103 The Minutes of the meeting held 16<sup>th</sup> January 2018 were confirmed.

#### III MATTERS ARISING FROM THE MINUTES DNA(18)11

104 The Herbal Team presented updates on work in progress not covered in the agenda.

***Alisma Plantago-Aquatica*** The BP-NIBSC Herbal Team were looking at *A. plantago-aquatica* subspecies *orientale*.

***Tinospora Cordifolia*** This monograph is on hold. A further update would be provided at a future meeting, if monograph elaboration is restarted.

#### IV REPORTS AND CORRESPONDENCE

105 **Herbal Strategy**

**Strategy** The Herbal Team informed members of the update to the herbal strategy.

**Monograph Proposal** Members were updated on the continued refinements made to the monograph initiation process.

106 **Work Programme** DNA(18)13

## Expert Advisory Group: Herbal and Complementary Medicines

The Herbal Team presented a list of monographs targeted for publication in the next 5 years and asked the Panel for comments.

The Herbal Team confirmed that the strategy was still in development and would work alongside the work programme.

- 107      **Standardising BP Herbal Monographs**      DNA(18)14
- The Secretariat presented an herbal monograph template. The herbal monograph template now included an additional non-mandatory Annex to cross reference to Appendix XI V, when a DNA barcode was available for the monograph species.
- 108      **Galium qPCR Proposal**      DNA(18)15
- An overview was given of the types of qPCR methodology. The scope and objective of the test was discussed in detail.
- V      REPORTS IN PROGRESS**
- 109      ***Tribulus terrestris***      DNA(18)16
- The Herbal Team presented a report which completed the agreed analysis of the ITS2 region of *Tribulus terrestris*, members endorsed the proposed reference sequence. The BP-Secretariat to publish the *Tribulus terrestris* ITS reference sequence.
- 110      ***Cyperus rotundus***      DNA(18)17
- The thorough analysis work, which had enabled adulterated samples to be both recognised and identified, was endorsed, as was the ITS2 reference sequence.
- 111      ***Mentha spicata***      DNA(18)18
- The Herbal team presented an interim report on the DNA-based identification of samples pertaining to the *Mentha spicata* monograph.
- Mr Mee left the meeting at this point.*
- 112      ***Drimia maritima***      DNA(18)19
- An interim report on the DNA analysis of samples for this monograph revision was presented. These results gave the rationale for the Squill monograph revision, and this was endorsed by Members.
- Dr Lenihan left the meeting at this point.*
- VI      NEW MONGRAPHS**
- 113      ***Apium graveolens Fruit***      DNA(18)20
- The monograph proposal document for *Apium graveolens* fruit was introduced and discussed.
- 114      ***Asparagus***      DNA(18)21
- The monograph proposal document for four different *Asparagus* species was presented.
- VII      ANY OTHER BUSINESS**
- 115      ***Berberis aristata***      DNA(18)23
- A member gave an overview of work completed by a PhD student, which they supervised with a member of the Herbal Team.

## **Expert Advisory Group: Herbal and Complementary Medicines**

116      **Outreach activities** DNA(18)22  
The group were informed of various outreach activities that the group were due to take part in during the coming months.

117      **Membership review**  
Members were reminded of the upcoming membership review deadline and asked to inform the Herbal Team of their intentions when convenient.

### **VIII      NEXT MEETINGS**

To be confirmed