PUNJAB AGRICULTURAL UNIVERSITY
COLLEGE OF AGRICULTURE

ELECTRON MICROSCOPY AND NANOSCIENCE LABORATORY

Request for Microscopy and Sample Analysis

For: - Research/Teaching/Commercial application/Industrial use/any other*

1. From [Blank]
2. To The Dean
   College of Agriculture
   PAU, Ludhiana – 141 004.

3. Description of sample & analysis required (to be discussed with Incharge EMN Lab): -
   …………………………………………………………………………………………………………………
   …………………………………………………………………………………………………………………
   …………………………………………………………………………………………………………………

4. Sample processing protocol to be followed with literature citations (Please attach copies): -
   A. Fixation………………………………………………….
   B. Coating………………………………………………….
   C. Embedding mixture……………………………………..
   D. Ultramicrotomy………………………………………..
   E. Staining……………………………………………….
   F. Any other special instructions……………………………………..

5. Number of
   a) Samples: - [Blank]
   b) Replicates: - [Blank]
   c) Variables: - [Blank]

6. Instrument to be used (please tick): -
   □ TEM (with or without ultramicrotomy)
   □ SEM (with or without CPD & sputter coating)
   □ SEM – EDS (EDS additional to SEM)
   □ AFM (contact/non contact/ tapping mode)
   □ Optical Research (bright field/dark field/phase contrast) – with or without printouts
   □ Stereo Microscope – with or without printouts

7. Calculation of charges (for Office use): -

8. Details of payment: -
   A) For PAU faculty/students:
      Letter no…………….Dated………………From HOD
      for reimbursing payment within 30 days (attached)
   B) For other organizations:
      Draft no…………….Dated………………… in
      favour of Comptroller, PAU Ludhiana is attached.

(NOTE: All work is done in the order in which it is received)

*Disclaimer: - PAU will not be responsible for any claim/ misuse and information generated will not
be valid for legal purpose.

Signature-……………………………………
Name-……………………………………
Designation-…………………………
Department-…………………………
Organization-…………………………

For any further queries please email at 'services-emnl@pau.edu' or contact at +91-9876299901 [Er. Prince Garg, Junior
Microscopist, EMN Lab]