**ATTACHMENT 1: PHOTO OF THE INTRUMENTS**

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|  | TRANSMISSION ELECTRON MICROSCOPE  *PHILIPS TEM CM 100*  (ref.: Prof. Giovanni Valdrè)   * Maximum acceleration voltage 100 kV * High contrast, optimised for the observation of biological samples * Digitalized image acquisition   FEE:  - 50 euro/h internal BiGeA users  - 155 euro/h external BiGeA users |

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|  | SCANNING ELECTRON MICROSCOPE *SEM HITACHI S-2400*  (ref.: Prof. Antonio Bonfitto)   * Maximum acceleration voltage 25 kV * Digitalized image acquisition   FEE:  - 10 euro/h internal BiGeA users  - 20 euro/h external BiGeA users |

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|  | ENVIRONMENTAL SCANNING ELECTRON MICROSCOPE  *THERMOFISHER QUATTRO S*  (ref.: Prof. Giovanni Valdrè)   * Field emission gun (FEG) * ESEM * STEM * X-ray microanalysis * Cathodoluminescence * EBSD   FEE: to be defined |

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| C:\Roberta\Roberta\Foto microscopi\DSCN0582.JPG | CONFOCAL MICROSCOPE  *LEICA TCS SL*  (ref.: Prof.ssa Valeria Franceschini)   * Helium-Neon laser and Argon-ion laser, with available wavelengths: 488, 514, 543, 633 nm * Digitalized image acquisition   FEE:  - 10 euro/h internal BiGeA users  - 30 euro/h external BiGeA users |

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|  | TRANSMISSION ELECTRON MICROSCOPE  *PHILIPS TEM CM 10*  (ref.: Prof. Giovanni Valdrè)   * Maximum acceleration voltage 100 kV * High contrast, optimised for the observation of biological samples * Digitalized image acquisition * Managed on behalf of Department DIMES of the University of Bologna   The use of this instrumentation is not in price list |