



**SMALL GRANT CO-FUNDED BY
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Project Partners Meeting

Modern approach for biodeterioration assessment and disinfection of historical book collections

29th June 2016 from 9:30 to 11:30

**Location: Lodz University of Technology, Faculty of Biotechnology and Food Sciences,
Stefanowskiego 4/10, Lodz, Poland
Room 502**

9:30 – 10:30

Project summary: final report, financial settlement

Beata Gutarowska, Institute of Fermentation Technology and Microbiology, Lodz University of Technology, Poland

10:30 – 11:30

Future collaboration and application to EU programs (Horizon 2020), V4 grants (standard, strategic)

Beata Gutarowska, Institute of Fermentation Technology and Microbiology, Lodz University of Technology, Poland



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Open Workshop

Modern approach for biodeterioration assessment and disinfection of historical book collections

30th June 2016 from 9:30 to 13:30

**Location: Lodz University of Technology, Faculty of Biotechnology and Food Sciences,
Stefanowskiego 4/10, Lodz, Poland
Room 502**

09:30 – 10:00

Modern approach for biodeterioration assessment and disinfection of historical book collections
– information

*Beata Gutarowska, Institute of Fermentation Technology and Microbiology, Lodz University
of Technology, Poland*

10:00 – 10:15

Determination of microbial contamination and biodeterioration of archival documents

*Anna Otlewska, Institute of Fermentation Technology and Microbiology, Lodz University of
Technology, Poland*

10:15 – 10:30

MALDI-TOF mass spectrometry tools for microbial identification in archival document
investigation

Sabina Purkrtova, University of Chemistry and Technology in Prague, Czech Republic

10:30 – 10:45

Next Generation Sequencing: a new approach to deeply discover the microbial contamination
of archival documents and protection of books and archival documents by application of
essential oils

*Domenico Pangallo, Institute of Molecular Biology in Bratislava, Slovak Academy of Science,
Slovak Republic*

10:45 – 11:15

Coffee break



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11:15 – 11:30

Essential oils – an alternative method of textiles disinfection.

Katarzyna Matusiak, Institute of Fermentation Technology and Microbiology, Lodz University of Technology, Poland

11:30 – 11:45

Low temperature plasma for paper disinfection – preliminary study.

Michal Durovic, University of Chemistry and Technology in Prague, Czech Republic

11:45 – 12:00

Low temperature plasma for textiles disinfection.

Justyna Skóra, Institute of Fermentation Technology and Microbiology, Lodz University of Technology, Poland

12:00 – 12:30

Coffee break

12:30 – 12:45

Silver nanoparticles misting - an innovative method of archaeological object disinfection.

Katarzyna Pietrzak, Institute of Fermentation Technology and Microbiology, Lodz University of Technology, Poland

12:45 – 13:00

Current methods of testing the paper properties

Katarzyna Dybka, Institute of Papermaking and Printing, Lodz University of Technology, Poland

13:00 – 13:30

Closing remarks. Discussion about future collaboration