



MARIA KOTHRI

Date of Birth: 16/05/1993

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EDUCATION

DEPARTMENT OF BIOLOGY, UNIVERSITY OF PATRAS

October 2018 – Present Day

Master Studies in Biological Technology

September 2011 – July 2018

Bachelor Degree Grade: 6,45

Diploma Thesis in Microbiology Lab, Department of Biology, University of Patras, Patras (Greece), titled:
Single cell oil synthesis in solid state fermentation of pear cannery by-products

Certificate in PC operation knowledge

3° HIGHSCHOOL OF PATRAS

September 2008 – June 2011

Grade 19,1

FOREIGN LANGUAGES

ENGLISH

CERTIFICATE OF PROFICIENCY IN ENGLISH

University of Cambridge, C2, Grade C, June 2008

The University Of Michigan, Grade B, May 2008

GERMAN

Goethe-Zertificat B2, September 2008

Prädikat ausreichend (adequate knowledge)

RESEARCH SKILLS

MICROBIAL CULTURES

Preparation of liquid and solid culture media for microorganisms (yeasts, fungi, bacteria)

MICROBIOLOGICAL TECHNIQUES

Gram (+) and Gram (-) staining

Endospore staining (malachite green)

Observation of microorganism morphology by optical microscope

Photometric analysis

SPECIALIZED MICROBIOLOGICAL TECHNIQUES

Biomass determination

Extraction of intracellular microbial lipids (Folch)

Acyl- and trans-esterification of lipids

ANALYTICAL TECHNIQUES

Gas Chromatography (GC)

High Performance Liquid Chromatography (HPLC)

CONFERENCES

38^o ANNUAL CONFERENCE OF THE HELLENIC SOCIETY FOR
BIOLOGICAL SCIENCES, Kavala, 2017

Poster and oral presentation

6^o MICROBIOCOSMOS CONFERENCE, Athens, 2015

Attendance