

Pursuant to Article 55, paragraph 7, Article 62, paragraph 1, point 3, and Article 74, paragraph 7 of the Statute of the University of Zagreb, and Article 33 and Article 73 of the Statute of the Faculty of Veterinary Medicine of the University of Zagreb, the Faculty Council of the Faculty of Veterinary Medicine of the University of Zagreb, at a session held on 22nd December 2021, adopted the following:

REGULATIONS ON DOCTORAL STUDIES AT THE FACULTY OF VETERINARY MEDICINE OF THE UNIVERSITY OF ZAGREB

GENERAL PROVISIONS

Article 1

(1) The Regulations on Doctoral Studies at the Faculty of Veterinary Medicine of the University of Zagreb (hereinafter: the Regulations) regulate the organization and conduct of doctoral (PhD) studies at the Faculty of Veterinary Medicine of the University of Zagreb (hereinafter: the Faculty), the persons responsible for the studies, the form and duration of studies, the requirements for enrolment in the studies, how the studies, classes and research are conducted, the rights and obligations of doctoral students (hereinafter: doctorands), the rights and obligations of study advisors/mentors, the methods used for monitoring quality, and other matters related to the organization and conduct of doctoral studies.

(2) Expressions with gender significance used in these Regulations shall be deemed to refer equally to male and female genders regardless of whether they are used in the male or female gender.

Article 2

The meaning of specific terminology as used in these Regulations:

(1) Doctoral studies are post-graduate scientific university studies in Veterinary Sciences. Upon completion of the studies, a minimum of 180 ECTS points are acquired.

(2) The Doctoral Studies Committee (hereinafter: the DSC) is a permanent working body of the Faculty Council that manages the doctoral studies, and takes care of maintaining the high quality of the studies. Members of the DSC are confirmed by the Faculty Council on the basis of a proposal by the Dean, for a term of three years, which is the same as the Dean's term of office. The number of terms of office of members is unlimited.

(3) The competent body is the Faculty Council. The Faculty Council, following a proposal by the DSC:

- appoints a committee for the public defence and assessment of doctoral dissertation proposals, and proposal of mentors

- approves doctoral dissertation proposals

- appoints a committee for evaluation of doctoral dissertations

- accepts the evaluation of doctoral dissertations and appoints the committee for defence of doctoral dissertations.



(4) The person/body responsible for the studies is the Faculty. The Faculty organizes and conducts doctoral studies and completes the procedure for attaining the title of Doctor of Science (PhD).

(5) The study advisor/mentor is an employee of the Faculty with a scientific-teaching or scientific title. Upon enrolment in doctoral studies, the DSC confirms the doctorand's study advisor on the basis of mutual consent signed by both parties. The doctorand's study advisor helps them during their studies, and monitors their work and progress until a mentor is appointed, together with them draws up a plan for the doctorand's development, and reports on the implementation of that plan.

(6) A mentor is a person with a scientific-teaching or scientific title appointed to advise the doctorand while they are writing their doctoral dissertation.

(7) The doctorand's file contains all important data on the doctorand, from their enrolment in doctoral studies until they graduate. The Faculty is responsible for collecting and storing data in that file.

(8) Tuition fees are the means to cover the costs of the studies and their enhancement, and they are allocated according to a Decision on Allocation of Tuition Fees for Doctoral Studies. These funds do not cover scientific research.

The Task of Doctoral Studies

Article 3

Doctoral studies are exclusively scientific research studies, whose primary task is to create new doctors of science capable of conducting independent and team research at the highest national and world level. A PhD can in no way be identified with the competences and rights acquired by completion of integrated under-graduate and graduate studies in veterinary medicine, or specialized post-graduate university studies in the field of veterinary medicine.

The tasks of doctoral studies are:

1. to create new and relevant knowledge and insights, and their application
2. to enable doctorands to conduct active research under the supervision of a mentor
3. to write a doctoral dissertation founded on internationally competitive and recognisable scientific results
4. to provide a foundation for the education of researchers and excellent scientists in the appropriate scientific field
5. to train doctorands for an independent, research and interdisciplinary approach to problems, for independent research, and critical assessment of the work of others, application of the highest ethical standards, and taking responsibility for research
6. the acquisition of knowledge, experience and skills, which enable creative and research-based cooperation with industry and the social community
7. ensuring the quality and internationalization of research work at the Faculty, by encouraging the mobility of doctorands and teachers, and openness to all forms of cooperation with similar institutions in this country and abroad.

Classes and Research in Doctoral Studies

Article 4

- (1) The central components of doctoral studies are scientific research and creativity.
- (2) The mandatory forms of work within doctoral studies are research seminars, exercises, workshops and discussion groups, in order to develop research work, critical thinking, and mastering of methodologies and generic skills.
- (3) Classes in the form of lectures may not exceed 20 percent of the total workload of the planned study programme, which is expressed according to the European Credit Transfer and Accumulation System (ECTS).
- (4) In accordance with capacities available, and according to the previously established requirements, classes in doctoral studies are open to all doctorands at the University of Zagreb (hereinafter: the University). Some aspects of research and classes in doctoral studies may be partially open to doctorands from other components of the University, and other Croatian and foreign universities, according to the requirements previously established and signed agreements.
- (5) For the sake of the inter-disciplinary nature of the studies, upon presentation of a statement of reasons and the consent of their study advisor/mentor, and with the approval of the DSC, doctorands may enrol in some classes and conduct some of their research at other components of the University or at other universities and other institutions.

Requirements for Enrolment and the Length of Studies

Article 5

- (1) The requirements for enrolment are defined by the DSC, in line with the current rules and the provisions of these Regulations.
- (2) A public call for candidates for doctoral studies shall be published no less than one month before the beginning of classes, and the criteria for evaluation of candidates include their success in undergraduate and graduate studies, or integrated university undergraduate and graduate studies, their demonstrated interest in scientific research, published papers, and the proposal for their field of research. An interview with the candidate is an obligatory and integral part of the enrolment procedure. Upon enrolment, all the necessary requirements for completion of the studies within the planned deadline are clearly defined.
- (3) The enrolment quota is established according to the available capacity for research, teaching staff and supervisors.
- (4) Candidates may apply for enrolment in doctoral studies who completed their studies of veterinary medicine with an average grade from all examinations during their studies no lower than 3.5, or the equivalent grade in another grading system.
- (5) Candidates may enrol in doctoral studies who have completed university undergraduate and graduate studies, or integrated university undergraduate and graduate studies at faculties in different fields of science.

(6) The candidates referred to in point (5) must present a draft proposal of their research, in agreement with their study advisor, when applying for the studies. The research proposal shall be considered by the DSC, who will adopt a motion for enrolment in the studies.

(7) Upon enrolment, candidates who have completed university studies abroad must present a decision on the academic recognition of their foreign higher education qualifications, or they may enrol under the condition that they submit this document within a given time limit.

(8) Upon enrolment in the studies, the DSC shall appoint the doctorand a study advisor.

(9) Information about the selected candidates are published on the Faculty's web site after the call for candidates, pursuant to the regulations in the field of protection of personal data.

(10) Upon enrolment in the studies, each doctorand shall state in writing whether they wish to study full-time or part-time. Full time studies relate to doctorands who devote all their working hours to meeting the obligations required by their doctoral course. Doctorands who study part time must enclose a statement that the working hours they have available will permit them to meet the study requirements according to their study plan.

(11) Upon enrolment, the Faculty and the doctorands shall conclude an agreement on their mutual rights and obligations.

(12) Doctoral studies are conducted in semesters, and last six semesters.

(13) Students have the right to complete their studies according to the requirements in force when they enroll, within no more than eight years. The time period of eight years is calculated from the day of enrolment until the day when their doctoral dissertation is submitted to the DSC. If the doctoral dissertation is positively assessed, the time from its submission to its defence is not included in the duration of studies. If the assessment is negative and the time limit for completion of studies has passed, the doctorand shall lose the right to study.

Periods of suspension of study obligations for justified reasons (pregnancy, maternity leave, parental or adoptive parent leave, long-term sick leave, other justified reasons) are not included in the period of eight years. Suspension of study obligations is approved by the DSC. Extension of the time limit for completion of studies is only possible on the basis of previously approved suspension and may not be longer than that period.

(14) If the quality of the doctorand's work assessed in the annual evaluation procedure conducted by the Doctoral Studies Committee, is not satisfactory, the DSC may decide to revoke the doctorand's right to continue their studies.

Mentors

Article 6

(1) Persons may be appointed as mentors who:

- hold at least the scientific-teaching title of assistant professor, or the scientific title of scientific associate, or an equivalent title
- are active scientists in the field of research in which the doctoral dissertation is to be written, or are heads or members of research projects

- have published scientific papers related to the proposed doctoral research and have published relevant scientific papers in the past five years (demonstrated by a print out of data from the Web of Science or Scopus database).

(2) The mentor may be a *professor emeritus* or a regular member of HAZU (the Croatian Academy of Sciences and Arts). The decision on this shall be rendered by the Faculty Council following a proposal by the DSC.

(3) The DSC shall decide on the number of doctorands a mentor may advise, taking account of the wishes of the doctorands, the even workload of mentors, and the previous success of the proposed mentor in advising doctorands. A mentor may advise no more than three doctorands at the same time.

(4) When taking on mentorship for the first time, proposed mentors are obliged to attend a mentorship workshop organized by the University, a recognized international school, or the Veterinary Faculty of the University of Zagreb.

(5) A mentor who is not an employee of the Faculty must sign an agreement on cooperation and taking on responsibility with the Dean of the Faculty. An employee of the Faculty must be engaged as a second mentor alongside an external mentor.

(6) A teacher from the Faculty may be a mentor at a different university, with the permission of the Faculty Council.

(7) A mentor who has taken on mentorship before retiring has the right to continue that mentorship until its completion.

(8) In order to ensure the interdisciplinary nature and quality of doctoral dissertations, shared mentorship must be possible, if there is a need for it. Shared mentorship must be approved by the DSC.

(9) The DSC has the right to revoke the right of mentorship if a potential mentor does not meet the requirements referred to in Article 6, paragraphs 1 to 8.

The Obligations of Mentors

Article 7

(1) Mentors must guide and advise doctorands as they write their doctoral dissertation, monitor the quality of the doctorand's work, encourage them to publish papers, enable them to participate in scientific projects, and promote mobility.

(2) Mentors are obliged to enable doctorands to conduct scientific research.

(3) If there are several mentors, each of them shall take responsibility for a previously defined part of the research and of the process of writing the doctoral dissertation.

(4) Mentors must submit reports once a year to the DSC on the work of the doctorand, using the University form. Before a mentor is appointed, these reports shall be submitted by the study advisor.

(5) Study advisors/mentors must draw up a Plan of development of the doctorand, and report once a year to the DSC on its implementation through reports on the implementation of the doctorand's development plan.

The Obligations and Rights of Doctorands

Article 8

- (1) Doctorands shall submit reports to the DSC once a year on their work using the University form.
- (2) Doctorands have the right to change their study advisor/mentor or their proposed doctoral research once, by submitting a request in writing, enclosing a statement by the previous study advisor/mentor, using the University form. The decision on this shall be rendered by the Faculty Council following a proposal by the DSC.
- (3) Doctorands, before defending their doctoral dissertation, must have published as the first author or have had accepted for publication at least one internationally reviewed scientific paper in a journal indexed in the Web of Science or Scopus database, thematically related to their doctoral research.
- (4) Doctorands, before defending their doctoral dissertation, must have taken an active part in at least one scientific conference by presenting a paper of which they are the first author, or attend at least one workshop related to their field of research, or in general to the methodology of scientific research.
- (5) Doctorands must, at the invitation of the Faculty, take part in Doctoral Day, or attend lectures as part of Doctoral Minutes.
- (6) During their doctoral studies, doctorands have the right to institutional support in conducting research through the provision of access, according to the capacity available, to Faculty laboratories and equipment, practical work and the use of the Faculty library.

The Status of Doctorands

Article 9

- (1) Doctorands enrolled in doctoral studies may be:
 - persons whose study costs are covered from the national system of science and higher education
 - beneficiaries of Croatian or international scholarships
 - beneficiaries of Croatian or international foundations
 - persons whose study costs are covered by Croatian or international scientific research projects
 - persons whose study costs are covered by the legal entity by which they are employed
 - persons who cover their own study costs.
- (2) Upon enrolment in the studies, those enrolling in doctoral studies must agree on the terms of financing their studies.
- (3) During the studies, it is possible to change the source of financing of doctoral studies.

Doctoral Dissertations

Article 10

(1) Doctoral dissertations are public, scientific studies, subject to public, scientific evaluation.

(2) It is possible to limit public access to a doctoral dissertation in exceptional cases, as prescribed in Article 16 of these Regulations.

Article 11

The forms a doctoral dissertation can take are:

(1) A scientific monograph. Scientific monographs included abstracts in Croatian of one to two pages, and structured abstracts in English with a minimum of five pages of text. The mandatory chapters include: Introduction, a review of What is already known, the Hypotheses and Aims, Materials and Methods, Results, Discussion, Conclusions, Literature and the candidate's CV.

(2) A collection of published scientific papers accompanied by a critical review chapter, consisting of an abstract in Croatian of one or two pages, and a structured abstract in English of a minimum of five pages of text, an Introduction, a review of the Literature, Hypotheses and Aims, Materials and Methods, a summary presentation of the combined results of the papers and a combined Discussion, Conclusions and Literature (the so-called Scandinavian model). The critical review places the results of the doctoral dissertation in the context of existing scientific knowledge. The scientific papers enclosed together with the doctoral dissertation must have been published after enrolment in the doctoral studies, and represent a complete unit of three papers published in journals indexed in the databases Web of Science or SCOPUS or SCI-Expanded, of which at least one was in a journal with an impact factor more than the median impact factor of journals in the field of veterinary medicine. The papers must be thematically related to the subject of the doctoral dissertations. Each paper, unless a separate statement of reasons is enclosed, can only serve for the qualification of one doctorand. The doctorand must be the first author of at least two of the papers mentioned. The combined papers must provide a new scientific contribution in relation to the individual papers. This kind of study, including published articles, shall undergo the equivalent procedure of evaluation and assessment as all other forms of doctoral dissertation.

(3) Every form of doctoral dissertation must contain a statement of originality.

(4) The graphic design of doctoral dissertations is prescribed by the University.

(5) Doctoral dissertations must undergo linguistic revision, with a certificate provided by the reviser.

Article 12

(1) Doctoral dissertations may be written in English, with the approval of the DSC.

(2) If the dissertation is written in English, it must contain a structured Abstract in Croatian of at least five pages of text.

(3) All other rules prescribed for doctoral dissertations in Croatian also apply to dissertations written in English.

The Procedure for Registration, Assessment and Approval of Doctoral Dissertation Proposals

Article 13

- (1) Doctorands must register their doctoral dissertation proposals and proposals for mentors no later than the end of their third semester.
- (2) Doctorands, with the agreement of their study advisor, shall initiate the procedure for acceptance of their doctoral dissertation proposal by submitting an application to the DSC on the prescribed University form.
- (3) The DSC shall assess the scientific foundation of the proposed research, its technical regularity and the requirements met by the proposed mentors.
- (4) If the requirements referred to in Article 3 are met, the DSC shall appoint a committee for the public defence and evaluation of the doctoral dissertation proposal.
- (5) The expert committee shall consist of three to five members, where at least one member is an external teacher or scientist. The proposed mentor may not be a member of the committee.
- (6) The registered doctoral dissertation proposal shall be defended in public to other doctorands and interested parties before the committee for the public defence and assessment of the doctoral dissertation proposal and the proposal of mentors.
- (7) Following the public defence, the committee for the public defence and assessment of the doctoral dissertation and proposal of mentors shall render their assessment of the original scientific contribution and the feasibility of the research and propose a mentor, no later than within 30 days after the day of the public defence. In the case of a divided opinion, a decision on further procedure shall be rendered by the DSC.
- (8) The DSC shall send the proposal by the committee for the public defence and assessment of the doctoral dissertation proposal and proposal of mentors to the Faculty Council for confirmation. After confirmation of the proposal, the doctorand acquires the right to enrol in the fourth semester. The decision by the Faculty Council shall be forwarded to the Field Committee for Biomedicine no later than three months after the appointment of the committee for the public defence and assessment of the doctoral dissertation proposal and the proposal of mentors.
- (9) The Field Committee shall propose the adoption of the doctoral dissertation proposal by the University Senate. The Senate must confirm the doctoral dissertation proposal and mentor no later than by the end of the doctorand's fourth semester.
- (10) Scientific research must be aligned with regulations, have the approval of the veterinary Ethics Committee, and as necessary also the State Ethics Committee, as well as of the institution where the research is to be conducted if it is not the Veterinary Faculty.

The Procedure for Evaluation of Doctoral Dissertations

Article 14

- (1) Doctoral dissertations are to be submitted to the Faculty's registry, with the written approval and opinion of the mentor on the research undertaken and the original scientific contribution achieved. The mentor's statement of reasons shall be sent to members of the doctoral dissertation evaluation

committee, which will take them into consideration during their evaluation, and if necessary the forms DR.SC-04 and DR.SC.-05.

(2) Before sending the dissertation for the evaluation procedure, the DSC shall confirm that the doctorand has met all the requirements prescribed by the study programme.

(3) For evaluation of the doctoral dissertation, the doctorand must submit their work in print and electronic form.

(4) The Faculty Council, following a proposal by the DSC, shall appoint a committee for evaluation of the doctoral dissertation. The committee shall have three to five members, where at least one member is an external teacher or scientist. The mentor may not be a member of the doctoral dissertation evaluation committee.

(5) Members of the doctoral dissertation evaluation committee must hold at least the scientific-teaching title of assistant professor or the scientific title of scientific associate, or an equivalent title if the committee member acquired their title abroad.

(6) At the same time as the appointment of the doctoral dissertation evaluation committee, the Faculty and the University shall publish the title and Abstract of the dissertation in Croatian and English on the Faculty and University web sites.

(7) Members of the doctoral dissertation evaluation committee are obliged to keep data and insights from the dissertation confidential until the publication of their evaluation, in order to protect the scientific contribution of the doctoral dissertation and intellectual property.

(8) The doctoral dissertation evaluation committee is obliged to submit a written report with their evaluation of the doctoral dissertation within two months of their appointment and receipt of the doctoral dissertation. The chairperson of the committee shall prepare the report on the basis of the written opinions collected from the members of the committee, and the report shall be signed by all the members of the committee. Each member of the committee has the right to submit a separate evaluation.

(9) The doctoral dissertation evaluation committee shall propose in its report:

1. acceptance of the doctoral dissertation with an explicit statement about the original scientific contribution achieved, or
2. the need to finish work on the doctoral dissertation and a final evaluation, or
3. rejection of the doctoral dissertation, after which the doctorand shall lose the right to acquire the title of Doctor of Science (PhD) in that course.

A statement of reasons is a mandatory part of the report.

(10) In the case of a divided opinion, a decision on further procedure shall be rendered by the DSC.

(11) At its next session, the Faculty Council shall render a decision on the evaluation of the dissertation, and if it is positive, it shall appoint a committee for the defence of the dissertation.

(12) After the decision on the evaluation of the dissertation has been rendered, supervised insight into the doctoral dissertation shall be permitted for interested members of the professional public.

The Procedure for Defence of Doctoral Dissertations

Article 15

- (1) Doctorands may defend their doctoral dissertations after the Faculty Council has accepted the positive evaluation by the doctoral dissertation evaluation committee, and no later than within two months.
- (2) The doctoral dissertation defence committee shall have three or five members. The mentor shall attend the procedure for defence of the doctoral dissertation, but shall not participate in the evaluation.
- (3) The defence of a doctoral dissertation is public. An invitation to the public defence must be published no less than eight days before the defence. The defence may be held on the premises of the Faculty, or exceptionally on-line, and in the language in which the doctoral dissertation was written.
- (4) The doctoral dissertation defence committee shall award a grade after the defence of the dissertation. The grade may be: *cum laude*, *magna cum laude* or *summa cum laude*. The grade is awarded by a majority vote of the members of the doctoral dissertation defence committee.
- (5) A record shall be made of the defence procedure in Croatian, but if the defence is conducted in English, the record shall be written in that language too.
- (6) Doctoral dissertations may be defended only once.

Article 16

- (1) If the results of the research of the doctoral dissertation include innovations to which the protection of intellectual property rights applies, the doctorand and mentor may inform the University's Technology Transfer Office of this fact. In that case, the doctorand, with the agreement of their mentor, before submitting the doctoral dissertation for evaluation, may request that the doctoral dissertation be treated as confidential up until the public defence.
- (2) The University's Technology Transfer Office shall conduct the procedure for legal protection and commercialization of the results of research, pursuant to the Regulations on the Technology Transfer Office. In such cases, the public defence may be postponed, with the agreement of the doctorand, for no longer than a year from the submission of the doctoral dissertation for evaluation. A request for postponement of the public defence must include confirmation from the Technology Transfer Office.
- (3) Doctorand acquire copyright simply by creating a doctoral dissertation, which can be verified through the Registry of Research and Published Papers.

Publication and Storage of Doctoral Dissertations

Article 17

- (1) Doctoral dissertations shall be published in full on the public internet database of doctoral dissertations of the National and University Library, and on the Faculty's web site, no later than thirty days after the defence.

(2) Doctoral dissertations are stored in written form (hard copy) in the Faculty's library, the National and University Library, and in the University archives, from no later than thirty days after the defence.

Graduation Ceremonies

Article 18

(1) Doctorands acquire the rights of a Doctor of Science (PhD) prescribed by employment law on the day of the successful defence of their doctoral dissertation, and the full rights of their academic degree and diploma by swearing the oath at their graduation ceremony and registration in the register of Doctors of Science.

(2) Doctorands must fill out the University's form for graduation to the degree of Doctor of Science within thirty days of the defence, and submit a bound hard copy of their doctoral dissertation, and an electronic version for publication on the website of the National and University Library, and the Faculty's website.

(3) Doctoral diplomas are presented by the Rector of the University at a graduation ceremony, which the doctorand must attend in person, or through a legal representative who must have a doctor of science or art degree.

Assurance of the Quality of Doctoral Studies

Article 19

(1) The DSC shall take care of the detailed records of the research work and other completed study obligations of each individual doctorand, including the plan of these obligations (by creating the doctorand's file). The DSC shall take care of the workload and success of mentors, and keep records for each mentor on the number of enrolled doctorands and the number of doctorands who have defended their doctoral dissertations.

(2) Each year the DSC shall conduct self-evaluation on the basis of reports by mentors and doctorands, and shall send a report on its work on this basis, using the University form, to the Faculty Council and the University.

(3) The annual self-evaluation reports shall be enclosed with applications for re-accreditation.

(4) The criteria of evaluation cover: the scientific production of teachers and doctorands, classes, the relevance and quality of doctoral dissertations, statistical indicators of study duration, statistical indicators of the annual number of new doctors in relation to the number of doctorands, international cooperation undertaken, and the employability of Doctors of Science.

(5) The DSC takes care of the scientific relevance of the registered drafts of doctoral dissertations, their technical alignment, and the timely completion of obligations by mentors and doctorands.

Revocation of Academic Degrees

Article 20

(1) If the academic degree of Doctor of Science was acquired in violation of the prescribed requirements, or if plagiarism or procedures are found in the research that are in conflict with ethical principles, that person (hereinafter: the respondent) may have their academic degree revoked in a procedure analogous to the procedure for awarding an academic degree.

(2) A person (hereinafter: the complainant) who believes that the academic degree of Doctor of Science was acquired in violation of the prescribed requirements, ethical principles, or that it is a case of plagiarism, shall lodge a written complaint with the Doctoral Dissertation Committee of the University of Zagreb. The committee shall forward the complaint to the Faculty.

(3) The Faculty Council shall appoint a committee which will submit a report on the justification of the complaint. The Faculty Council shall decide on the complaint at a session which may be attended by the complainant and the respondent.

(4) The Faculty Council's decision shall be sent for approval to the University's competent bodies.

Transitional and Concluding Provisions

Article 21

(1) These Regulations shall come into force on the eighth day after they are published on the Faculty's notice board and website.

(2) The official University forms are a supplement to these Regulations and their use is prescribed herein.

(3) Students who enrolled in doctoral studies before these Regulations come into force may continue and complete their studies pursuant to the regulations that were in force when they enrolled in the studies.

(4) The provisions of these Regulations shall apply in full to students who enrol in doctoral studies after these Regulations have come into force.

(6) The provisions of these Regulations shall be interpreted by the Statute Committee.

(7) When these Regulations come into force, the Regulations on Doctoral Studies of the Faculty of Veterinary Medicine of 23rd November 2016 shall no longer be in force.

The Dean

A handwritten signature in blue ink, appearing to be 'N. Turk', written over a large, light blue oval scribble.

Prof. Nenad Turk, PhD

Class: 011-02/21-01/07

Reg. no. 251-61-01/139-21-02

Zagreb, 22nd December 2021