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Goethe-Universität | Frankfurt am Main

Satzungen und Ordnungen

Doctoral Regulations of the Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main

Rectification of the version of 3 December 2014

Based on an editorial error, the Doctoral Regulations of the Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main, including its annexes 1-10 are amended as follows:

1. General information

Section 1 Doctoral degrees and purpose of doctoral dissertation

2. Doctorate procedure

2.1 Admission as doctoral candidate and submission of doctoral dissertation

Section 2 Doctoral committee

Section 3 Requirements for doctorate

Section 4 Admission as doctoral candidate

Section 5 Supervision of the doctoral candidate

Section 6 Dissertation

2.2 Examination procedure

Section 7 Starting the examination procedure

Section 8 Assessment of the dissertation

Section 9 Examination committee

Section 10 Disputation (oral examination)

Section 11 Evaluation of the doctoral performance

2.3 Completion of the doctorate

Section 12 Publication

Section 13 Award of the doctoral degree

Section 14 Withdrawal of the doctoral degree

3. Honorary doctorate

Section 15 Honorary doctorate

4. Entry into force of the doctoral regulations and transitional conditions

Section 16 Entry into force

Section 17 Transitional conditions

1. General information

Section 1 Doctoral degrees and purpose of doctorate

- (1) The Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main shall award the degree of Doctor of Medicine (Dr. med.), Dentistry (Dr. med. dent.) and Theoretical Medicine (Dr. rer. med.) on the basis of a dissertation and an oral examination pursuant to the provisions of these Doctoral Regulations.
- (2) The Faculty may also award the honorary title of Doctor of Medicine (Dr. med. honoris causa), Dentistry (Dr. med. dent. honoris causa) and Theoretical Medicine (Dr. rer. med. honoris causa) for extraordinary academic performance or as acknowledgement of extraordinary achievements in academia in the area of medicine, dentistry or theoretical medicine.
- (3) The doctorate provides evidence of a specific academic qualification. This is achieved through the dissertation according to Section 6 and the disputation according to Section 10.

2. Doctorate procedure

2.1 Admission as doctoral candidate and submission of doctoral dissertation

Section 2 Doctoral committee

- (1) The doctoral committee shall be responsible for the doctorate procedure at the Faculty of Medicine. It shall maintain a list of subjects it has previously approved, including a register containing in particular the name of the doctoral candidate, the date of admission, the name of the supervisor and the duration of the doctorate.

The doctoral committee shall perform, in particular, the following tasks:

- a) Admission of the doctoral candidate (Section 4),
- b) Appointment of the dissertation supervisor, with his/her consent (Section 5),
- c) Opening of the examination procedure (Section 7),
- d) Appointment of the evaluators of the dissertation (Section 8),
- e) Appointment of the members of the examination committee (Section 9),
- f) Settlement of the matters related to supervision upon request from the doctoral candidates or supervisors (Section 5),
- g) Examination of the requirements for the doctorate (Section 3).

The above mentioned tasks may be delegated in part or in full by the doctoral committee to the chair. The doctoral committee may be convened against a decision taken by the chair.

- (2) The doctoral committee shall comprise:
 - a) The Dean
 - b) The Vice-dean as chair
 - c) Another university professor
 - d) A research associate who holds a doctorate
 - e) A student from the clinical studies section.

The members of the doctoral committee are members of the faculty and are selected by the Faculty Board following the proposal of the relevant groups, insofar as they are not members of the committee by virtue of their office.

- (3) A deputy shall be selected for each member. The respective valid version of the regulations for elections of the Senate, the faculty councils and other committees of the Johann Wolfgang Goethe University shall apply.
- (4) Unless statutorily prescribed otherwise, the doctoral committee shall pass resolutions by a majority of all members present; this majority must include the majority of the votes of all professors present. Moreover, the respective valid version of the rules of procedure for committees of the Johann Wolfgang Goethe University shall apply.
- (5) Each negative decision taken by the doctoral committee must be justified and shall be provided with information on legal remedies.

Section 3 Requirements for doctorate

- (1) The requirement for doctorate for the Doctor of Medicine (Dr. med.) shall be a medicine degree completed by Qualifying State Examination in Medicine at a German university or an equivalent degree obtained at an academic institution outside the Federal Republic of Germany.
- (2) The requirement for a doctorate for the Doctor of Dentistry (Dr. med. dent.) shall be a dentistry degree completed by Qualifying State Examination in Dentistry at a German university or an equivalent degree obtained at an academic institution outside the Federal Republic of Germany.
- (3) The equivalence of a degree obtained outside the Federal Republic of Germany shall be deemed to be acknowledged if, based on that qualification, the licence or temporary permission to exercise the profession of a doctor or dentist according to the respective valid version of the Licensing Regulations for Physicians or Dentists has been granted.
- (4) The requirements for graduating as Doctor in Theoretical Medicine (Dr. rer. med.) shall be as follows:
 - a) A degree (Master's Degree, Diploma Certificate or State Examination) following the successful completion of a degree course at a German academic institution of higher education or an equivalent degree obtained at an academic institution outside the Federal Republic of Germany. All degrees are accepted except for medicine and dentistry.
 - b) The degree must entitle the person to be admitted as a doctoral candidate at the faculty in which the degree was obtained.
 - c) The candidate must not have two failed attempted doctorates in the same subject.
 - d) If the candidate has already obtained a doctoral degree, the topic envisaged for his dissertation must come from another subject area as that of the successful doctorate.
 - e) At least two-year full-time scientific academic activity in the Faculty of Medicine at the Johann Wolfgang Goethe University or at another academic teaching and/or research institution assigned to the Faculty of Medicine. This activity typically has to be documented already upon admission as a doctoral candidate. The employment contract between the department and the candidate, respectively a private employment contract between supervisor and candidate shall be provided as evidence. The contract shall include as follows:
 1. The kind of legal relationship (e.g. student assistant, intern),
 2. The duration of the activity, and
 3. The scientific matters.

In exceptional cases, the doctoral committee may deviate from the requirement of proving this scientific academic activity according to para. 4 e). However, also in the case of deviations, the candidate shall provide evidence of scientific academic activity. If the doctoral committee waives the proof of full-time scientific academic activity, the total duration must be equivalent to two full-time years.

 - f) Thorough knowledge beyond the specific area of research of the medical or dental subject of the dissertation and its related specialized fields.
- (5) Acquisition of the required thorough expertise:
 - a) A four-semester supplemental study programme in three different subjects completed at the Faculty of Medicine of the Johann Wolfgang Goethe University is required in order to obtain the complete and thorough expertise according to para. 4 f). The subjects shall be specified by the doctoral committee. They must include the subject covered by the dissertation and two further subjects. At least two of the three subjects shall come from the area of theoretical medicine. Typically, participation in the basic lecture and two additional special courses are required for each subject. Participation in these teaching courses must be confirmed by submission of the corresponding certificates.
 - b) A proper knowledge of German is required for the supplemental studies to be provided evidence by the Certificate of German Language for University Admission, Level DSH 2, or another equivalent proof. Imperatively, that evidence must be provided by all candidates who have obtained a degree without German having been the main teaching language of the study course at the moment of application for admission to the doctoral programme.
 - c) The knowledge required according to para. 4 f) shall be provided by successfully passing the respective examinations in the three subjects specified in para. 5 a). Examinations shall last at least 30, but no more than 40 minutes. Examiner and chair of the examination committee must be qualified university lecturers. They shall be appointed by the doctoral committee. The examinations may be repeated once.
 - d) The expertise required according to para. 4 f) may also be acquired as follows:
 1. within the framework of a typically four-semester membership at a post-graduate college, in which the Faculty of Medicine participates,
 2. within the framework of the Master's degree "Molecular Medicine" completed at the Faculty of Medicine or any equivalent courses performed at another German university. The successful completion of the corresponding examinations must be documented accordingly.
- (6) Highly qualified graduates from universities of Applied Sciences (with a Master's degree) with a grade of "very good" may be admitted to the Dr. rer. med. upon application.

The application for admission as a doctoral candidate must be supported in writing by an appropriate professor from the respective university of Applied Sciences and by a professor who is member of the Faculty of Medicine.

The ability for academic work shall be ensured through the applicant's successful participation in a qualifying year preceding the

doctoral phase. Preferably, that qualifying year should be completed at a post-graduate college in which the Faculty of Medicine participates. The details regarding the qualifying year are specified by the doctoral committee in co-operation with the supervisor. The doctoral committee shall decide on the admission to the doctoral programme upon application from the graduate from the respective university of Applied Sciences. Moreover, the conditions of paragraphs 4 and 5 shall apply.

Section 4 Admission as doctoral candidate

- (1) As a pre-requisite for admission as a doctoral candidate to obtain the title of Dr. med. or Dr. med. dent., the applicant shall provide evidence that he/she is enrolled as student of the clinical part of the degree course in Medicine (for the degree of Dr. med.) or of the clinical part of the degree course in Dentistry (for the degree of Dr. med. dent.) at the Johann Wolfgang Goethe University.
- (2) In exceptional cases, applicants who are not enrolled at the Johann Wolfgang Goethe University pursuant to para. 1 may be admitted if the requirements specified in Section 3 para. 1 (for the degree of Dr. med.) or Section 3 para. 2 (for the degree of Dr. med. dent.) are fulfilled and duly documented and if particular reasons for the doctorate to be performed at the Faculty of Medicine at the Johann Wolfgang Goethe University do apply.
- (3) The requirements for admission as a doctoral candidate to obtain the degree of Dr. rer. med. are the provisions as described in Section 3 para. 4 a) to f). For graduates from university of Applied Sciences, Section 3 para. 6 shall additionally apply.
- (4) The application for admission as a doctoral candidate shall be sent to the chair of the doctoral committee and shall include as follows:
 - a) Evidence of compliance with the admission requirements according to para. 1 to 3,
 - b) The provisional working title of the dissertation, hereinafter referred to as "subject", and a brief description of the research aim and the working programme,
 - c) A written declaration of the person supervising or to supervise the work on the dissertation,
 - d) A statement regarding the working title provided by the envisaged supervisor,
 - e) A written declaration regarding previous doctorate procedures. If applicable, both the subject and the name of the university shall be stated.
 - f) A written declaration regarding the observance of the principles of academic practice.
- (5) The doctoral committee shall decide on the admission of the doctoral candidate. The doctoral committee's decision regarding the application shall be made within three months. The applicant shall immediately be notified in writing.
- (6) The application for admission as a doctoral candidate shall be rejected if
 - a) The applicant has not submitted all the documents required pursuant to para. 4;
 - b) Corresponding to Section 3 para. 4 c), the candidate has had two failed attempted doctorates in the same subject;
 - c) No professor in terms of Section 62 HHG is responsible for assessing the selected subject; in case of doubt, the doctoral committee shall decide after having heard the potential professors and the faculty council;
 - d) The doubts regarding the originality and the scientific character of the research aim and the work programme according to para. 4 b) cannot be dispelled;
 - e) The applicant already has a doctoral degree equal to the one he envisages;
 - f) The applicant is guilty of deception or attempted deception in conjunction with the admission requirements;
 - g) If the admission requirements pursuant to Section 4 para. 1 to 3 are not met.
- (7) The application for admission as a doctoral candidate may be rejected if, in particular, the necessary material conditions for writing the dissertation (e.g. laboratory place / workplace / resources) are not fulfilled.
- (8) The doctoral committee may reject the application for other reasons on the basis of the respective valid version of the General Terms and Conditions for the Doctoral Regulations of the Johann Wolfgang Goethe University.

Section 5 Supervision of the doctoral candidate

- (1) The following people may be appointed as supervisors:
 - a) Professors,
 - b) Emeritus or retired professors,
 - c) Extraordinary professors,
 - d) Honorary professors,
 - e) Private lecturers,
 - f) Junior professors,
 - g) Qualified university researchers responsible for teaching and research at our faculty,

- h) Post-doctoral academic scientists, who have excelled through their particular academic performance (e.g. Emmy Noether Fellows and other junior researchers, whose performance has been evaluated in a peer review process),
- i) Academic scientists holding a doctorate for at least three years and who have procured the supervision of the doctoral position in a peer review and competitive process.

For the supervision of doctoral candidates by academic scientists according to letters h) and i), a second supervisor must be appointed who meets the professorial requirements according to Section 62 HHG.

- (2) The person responsible for the supervision shall be the one who has provided the subject. A doctoral agreement according to Annex 1 must be concluded between the supervisor and the doctoral candidate, which regulates the details of the supervisory relationship. The supervisor shall advise the doctoral candidate and shall provide both workplace and resources. If the work is to be performed in an institution outside the faculty, the supervisor shall state to the doctoral committee that the material conditions necessary for the dissertation are given (e.g. laboratory place / workplace / resources).
- (3) Upon request from the doctoral candidate, the supervisor or the chair of the doctoral committee, the doctoral committee may evaluate the continuation of the work by interviewing the relevant person. An evaluation should be performed three years after the admission. In case of no prospect of a successful completion of the dissertation despite a reasonable deadline set by the doctoral committee, the doctoral committee shall declare the supervisor relationship with the candidate to be terminated. The doctoral candidate and his/her supervisor shall be notified in writing. The subject being worked on by the doctoral candidate shall be deleted from the list of dissertation subjects. Termination according to sentence 3 shall not be deemed to be a failed attempt.
- (4) Both the doctoral candidate and his/her supervisor may appeal to the doctoral committee. In justified cases, the doctoral committee shall push for remedial action after clarification of the matter. It may dissolve the "Doctoral candidate - Supervisor relationship" for serious reasons.

Section 6 Dissertation

- (1) The dissertation must satisfy specific academic demands and must contribute to the progress of science in the area of medicine or dentistry. It must provide evidence of the doctoral candidate's ability to independent work, to carry out scientific research applying proper methodologies under supervision and to present the subject clearly and comprehensibly written. It must satisfy the methodical principles of the subject area, which are prescribed by the requirements of international specialist publications. Besides a technically clear and formally correct presentation, the dissertation must include documentation compliant with the principles of scientific research of the material assessed and of the specialist literature consulted. Human trials must comply with the WMA Declaration of Helsinki.
- (2) The scientific issue shall come from the area of medicine or dentistry; however matters from adjacent areas can be dealt with if the content of the treatise is related to either medicine or dentistry.
- (3) The dissertation may be submitted as a doctoral thesis document or in a publication-based form. The details regarding publication-based dissertations are regulated by the doctoral committee in Annex 2.
 - a) The publication-based dissertation must include at least one manuscript released for publication or a publication.
 - b) At least one evaluator of the dissertation must not at the same time be a co-author of the manuscript or the publication.
 - c) For the structure of the dissertation as doctoral thesis document or in publication-based form, annex 2 of the doctorate procedure of the Faculty of Medicine at the Johann Wolfgang Goethe University shall apply.
- (4) The dissertation must typically be written in German or English. The doctoral committee may approve the submission of the dissertation in another language.
- (5) Apart from the paper form, the dissertation must be submitted for evaluation purposes in a suitable electronically searchable form. The electronic version of the dissertation may be checked for plagiarism.
- (6) The dissertation may be published in part or in full before the start of the assessment process.

2.2 The examination procedure

Section 7 Starting the examination procedure

- (1) Candidates, who fulfil the doctoral requirements according to Section 3 para. 1 to 6, may apply for the examination procedure to be started with submission of a dissertation to the chair of the doctoral committee. Acceptance to the examination procedure requires admission according to Section 4.
- (2) The application shall state the subject of the dissertation and the name of the supervisor.
- (3) The application must include the following documents:
 - a) The candidate's CV in German or English language, a presentation of the professional career in terms of study and training, along with the address of residence and the home address;
 - b) To obtain the degree of Dr. med. or Dr. med. dent. degree, the certificate of the passed examination in medicine or dentistry (equivalent to an MD-degree) from a German higher institution or the medical licence, insofar as the documents were not submitted upon admission to the doctoral programme; to obtain the degree of Dr. rer. med., evidence according to Section 3 para. 5 c) and d);

- c) A written declaration according to Annex 5 stating that the doctoral candidate wrote the dissertation independently;
- d) If applicable, a list of scientific writings already published;
- e) Four copies of the dissertation and an electronic version according to Section 6 para. 5;
- f) If he/she is participating in another doctoral programme, information about the subject and the university faculty responsible;
- g) Evidence of payment of the fees for the doctorate according to Annex 9;
- h) A written declaration from the candidate that he/she has not used the services of a commercial doctoral agency.

The doctoral committee may demand additional evidence on the basis of the respective valid version of the General Terms and Conditions for the Doctoral Regulations of the Johann Wolfgang Goethe University.

- (4) Based on the documents submitted, the doctoral committee shall decide on opening the examination procedure. The candidate shall be notified about the decision in writing.
- (5) The start of the examination procedure can be rejected if
 - a) No professor is responsible for the subject area; in case of doubt, the doctoral committee shall decide after consulting the potential professors and the Faculty Board;
 - b) The candidate has not submitted all documents required;
 - c) The requirements of Section 3 or Section 7 para. 3 are not met.
- (6) The start of the examination procedure must be rejected if
 - a) The candidate has already successfully submitted the same dissertation in another doctoral subject or at another university,
 - b) The candidate is guilty of deception, in particular regarding the admission requirements or even the dissertation.
- (7) As soon as one of the evaluators' opinions according to Section 8 para. 2 a) has been received by the doctoral committee, the candidate may no longer withdraw from the examination procedure. If he withdraws from the examination thereafter, the doctoral programme shall be deemed to be terminated without success.

Section 8 Assessment of the dissertation

- (1)
 - a) The doctoral committee shall appoint two evaluators, of whom one shall be the supervisor.

All approved supervisors listed in Section 5 para. 1 a) to i) are possible evaluators. One of the evaluators must be a member of the Faculty of Medicine. The other evaluator may come from another faculty, another university, university of applied sciences or a non-academic research institution. The two evaluators must not belong to the same clinic, same institute or the same department.
 - b) For a dissertation to obtain the degree of Dr. rer. med., an evaluator from the respective faculty shall be appointed as a member in case of an interdisciplinary subject.
 - c) In single cases, the doctoral committee may appoint up to two additional evaluators. If both the two evaluators award the grade "summa cum laude", a third opinion shall be obtained.
 - d) The evaluators' opinions must be presented independently from each other within six weeks.
- (2)
 - a) Each evaluator shall submit a written evaluation of the dissertation and shall recommend the acceptance or rejection of the work by the doctoral committee. The evaluators shall perform the assessment by awarding the grades specified in Section 11 para. 2.
 - b) If one of the evaluators identifies deficiencies in the dissertation but does not otherwise definitely reject it, the doctoral committee may return the dissertation to the doctoral candidate for further revision, prior agreement of the other evaluators.
 - c) The doctoral committee shall inform the doctoral candidate and the evaluators in writing of the deficiencies submitted and shall set a deadline for revision. A one-off extension of the deadline for revision is possible. Should the revised thesis not be submitted by that deadline without sufficient statement of reasons, it shall be deemed to have been rejected and the doctoral process shall be declared to be terminated.
 - d) If all evaluators recommend rejection ("non rite"), the examination committee shall declare the examination to be failed.
 - e) If acceptance of the dissertation is not recommended by all evaluators, a further evaluator shall be appointed. The examination committee shall afterwards decide on the acceptance or rejection of the dissertation.
 - f) If a dissertation is rejected according to c), d) or e), the doctoral candidate shall be notified in writing by the chair of the doctoral committee providing statement of reasons and information on the right of appeal. If the dissertation has been rejected, it shall remain in the faculty's files with all opinions and, if applicable, further statements.

Section 9 Examination committee

- (1) The examination committee shall decide on the candidate's performance. The examination committee and its chair are appointed by the doctoral committee. A professor, who is not simultaneously an evaluator, shall be appointed chair of the examination committee. The chair must also be a member of the faculty.
- (2) Apart from the chair and the evaluators, the examination committee shall comprise another professor as defined in Section 5 para. 1 a to c. If a member of the examination committee is hindered, the chair of the doctoral committee may appoint another professor as replacement.
- (3) The dissertation and the evaluators' opinions, and any responses and objections, must be made available to the members of the examination committee.
- (4) The examination committee shall consult and decide in closed session. Decisions shall be passed by a majority of the votes of all members present. Secret voting and abstention are not permitted. In the event of a tie, the chair shall have the casting vote.
- (5) The chair of the examination committee shall set the date of the disputation (oral examination) in consultation with the members of the examination committee.

Section 10 Disputation (oral examination)

- (1) The disputation shall take place within one year of acceptance of the dissertation.
- (2) The doctoral candidate shall defend the dissertation in a public disputation before the examination committee. The chair of the examination committee may give permission to those convened to ask questions to the candidate.
- (3) With unanimous written consent from the examination committee, the disputation may also be conducted in English or in another language.
- (4) The disputation shall last no more than one hour. It shall be opened with a report from the doctoral candidate on the scientific research question of the dissertation, the methodical bases and the results achieved, and should not last more than 20 minutes. Starting with the contents and taking into account the evaluators' opinions, the disputation shall also cover specific problems of the subject area and adjacent areas, as well as the state of research in those fields. With the disputation, the doctoral candidate must provide evidence that he/she is able to justify the results of the dissertation based on special scientific knowledge and competence.
- (5) After the disputation, the examination committee shall decide upon the evaluation of the disputation by awarding a grade as defined in Section 11 para. 2.
- (6) Minutes of the disputation shall be prepared. They shall include the names of the members of the examination committee, the duration of the examination, an overview of the subjects of the disputation and the grades.
- (7) A failed disputation can be repeated once upon request.

Section 11 Evaluation of the doctoral performance

- (1) The examination committee shall decide on the doctoral candidate's performance. The grade of the dissertation is determined exclusively on the basis of the evaluators' opinions. An average grade is awarded for the overall performance. The grade for the dissertation is determined based on the evaluators' opinions as an arithmetic average (sub-grade 1). The grade for the disputation is determined as an arithmetic average of the individual grades awarded by the examination committee members (sub-grade 2). When calculating the overall grade, sub-grade 1 shall be weighted twice and sub-grade 2 once.
- (2) The grades are as follows:

summa cum laude	with distinction (0)
magna cum laude	very good (1)
cum laude	good (2)
rite	sufficient (3)
non rite	fail (4)

The numbers serve as the basis for the calculation and are not included in the doctorate certificate. If the overall grade includes fractions, values up to and including 0.50 shall score the better grade, while for values above, the lower grade shall apply. The grade "summa cum laude" is an exception since it is only awarded if the overall grade is 0.0.

- (3) Annex 7 states the quality criteria for the grading pursuant to (1), as specified by the doctoral committee.
- (4) The doctoral candidate may only be graduated if the dissertation and the disputation have both been graded at least as sufficient, "rite".

2.3 Completion of the doctorate

Section 12 Publication

- (1) After successful completion of the examination procedure, the doctoral candidate shall publish the dissertation after prior approval by the faculty in one of the following versions: book, article in a journal or volume, reproduced manuscript or electronic form. It may be published together with other scientists involved in the research work.
- (2) Based on the valid version of the General Terms and Conditions of the Doctoral Regulations of the Johann Wolfgang Goethe University and pursuant to Annex 2, the doctoral candidate shall provide two free copies, thereof one for the faculty's examination files and one for the university library. He shall transfer to the university the right to produce and distribute additional copies of the dissertation.
- (3) If a dissertation is distributed by a commercial publisher and is partly covered by public funds, a reasonable number of copies shall be provided to the university library for exchange purposes.

Section 13 Award of the doctoral degree

- (1) When the doctoral work is fulfilled and the dissertation published pursuant to Section 12, the doctorate certificate, provided with the date of the disputation, the seal and the signature of both the Dean and the chair of the doctoral committee, shall be awarded to the candidate. The doctorate certificate is issued according to the sample in Annex 10 and states the overall grade.
- (2) The title of doctor may not be used until the doctorate certificate has been handed over.

Section 14 Withdrawal of the doctoral degree

- (1) The doctoral committee shall refuse to grant the doctorate if, before completion of the process, it appears that the doctoral candidate has cheated to a significant extent in the process.
- (2) The doctoral committee shall withdraw the title if
 - a) The title has been obtained by the doctoral candidate through deception, or if
 - b) Old or new facts emerge retrospectively, which would have precluded the award from being granted.
- (3) The withdrawal shall be based on Sections 48 et seq. HVwVfG. Before the decision by the doctoral committee regarding the refusal or withdrawal of the doctorate is taken, the affected person shall have the opportunity to respond to the accusations.

3. Honorary doctorate

Section 15 Honorary doctorate

- (1) The application for an honorary doctorate according to Section 1 para. 2 must be submitted in writing to the Faculty Council and justified by at least two professors, both members of the faculty. The start of the process requires the consent of the Faculty Council.
- (2) If two thirds of members the Faculty Council who are eligible to vote agree to the application two external experts shall be appointed.
- (3) After submission of advice by the experts, the majority of all members of the Faculty Council awarded with a doctoral degree shall decide on the honorary doctorate.
- (4) The honorary doctorate shall be granted by awarding an honorary certificate, which shall pay tribute to the merits of the holder of the honorary doctorate. The honorary certificate shall be handed over by the Dean at a public event or lecture of the respective department, combined with a presentation by the honoured candidate.

4. Entry into force of the doctorate regulations and transitional provisions

Section 16 Entry into force

The doctoral regulations shall enter into force on the day after their publication in UniReport of Johann Wolfgang Goethe University. At the same time, the doctoral regulations of the Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main of 01 August 1961, 03 April 1997 and 11 October 2004 shall cease to be in force.

Section 17 Transitional provisions

Upon request, doctoral candidates who had already been admitted to the doctoral programme pursuant to the doctoral regulations of 1 August 1961, 3 April 1997 or 11 October 2004 at the time of entry into force of the present doctoral regulations, may complete the doctoral procedure according to the doctoral regulations which were in place at the time of their application. The request must be

submitted to the doctoral committee no later than 12 months after entry into force of the present doctoral regulations.

Frankfurt am Main, 15 June 2015

Prof. Dr. med. Josef Pfeilschifter,

Dean of the Faculty of Medicine at the
Johann Wolfgang Goethe University Frankfurt am Main

Imprint

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Annex 1	Doctoral agreement of the Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main
Annex 2	Writing and publishing the dissertation
Annex 3	Title page
Annex 4	Structure of page n° 2
Annex 5	Written declaration
Annex 6	Structure of the Faculty of Medicine and the University Hospital
Annex 7	Criteria for grading the dissertation
Annex 8	Template "Evaluator's opinion on the dissertation"
Annex 9	Facultyfees
Annex 10	Sample of doctorate certificate of the Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main



FACHBEREICH
MEDIZIN

16 Acknowledged:

.....
(Date, Dean's representative)

Doctoral agreement

between

Prof. /Priv. Lecturer/Dr.

.....
(Surname, Forename (Supervisor))

.....
(Institute/Clinic)

and

.....
(Surname, Forename (Doctoral candidate))

.....
(Date of birth)

.....
(Home address, phone no.)

.....
(Study address, phone no.)

.....
(E-mail)

The following agreement is concluded with the aim of guaranteeing the best possible support and supervision for the doctoral candidate at the Faculty of Medicine.

This agreement is based on the respective valid version of the doctoral regulations of the Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main.

The evidence of admission as a doctoral candidate to the Faculty of Medicine is enclosed as an annex to this doctoral agreement.

As part of the doctorate for the degree of Dr. med./Dr. med. dent./Dr. rer. med., the Prof./Private lecturer Dr.(= supervisor) has assigned

Ms/Mr(= doctoral candidate) the following subject for the dissertation:

.....
.....
.....
.....
.....

Section 1 Supervision

Alongside the supervisor, the doctorate is supported by a team comprising the following persons:

First supervisor will be Prof./Priv. Lecturer/Dr.

.....

Second work supervisor will be Prof./Priv. Lecturer/Dr.

.....

Section 2 Object and duration

The explanation contained in the present Annex, including the general work and time schedule agreed with the supervisor, shall apply to the doctoral project, which are to be refined and corrected, if necessary, on an annual bases (see Section 3 b).

Section 3 Agreement between doctoral candidate and supervisor

- a) Both doctoral candidate and supervisor shall co-operate towards the aim of a successful completion of the project. The meetings, which shall take place at regular intervals, ideally once a quarter but at least twice a year, serve the critical evaluation of what has been achieved. In case of any questions or problems, both parties shall agree on how to find a suitable solution. The appointments between doctoral candidate and supervisor shall be kept by both parties and the content adequately prepared.
- b) On an annual basis, the doctoral candidate and the supervisor shall create a work and time schedule for the following year, based on their current experience.

- c) Once a year, both the doctoral candidate and the supervisor are committed to prepare the minutes of one of the meetings (see Section 3 a). They shall record the status of the dissertation, possible complications and the respective work steps to follow. Typically, the minutes are prepared by the doctoral candidate and are countersigned by the supervisor. The respective form, "Status of the dissertation" can be downloaded from the Deanery's homepage.
- d) The career prospects of the doctoral candidate should be part of the discussions between doctoral candidate and supervisor.
- e) The doctoral candidate and the supervisor shall comply with the rules of good academic practice as specified for the Johann Wolfgang Goethe University Frankfurt am Main (<https://www.uni-frankfurt.de/39848797/good-scientific-practice.pdf>).

Section 4 Tasks of the supervisor

- a) The supervisor shall support the doctoral candidate regarding the conception and realisation of the doctoral project and the efforts to complete the project within the agreed period. In addition, the supervisor shall help with the academic integration of the doctoral project (e.g. through colloquia). Also, the supervisor shall support the doctoral candidate's introduction to academic life e.g. through opportunities to give presentations, teaching jobs, etc.
- b) The supervisor shall support the doctoral candidate's efforts to obtain financing by forwarding information, advising and preparing the evaluations required.
- c) The supervisor shall provide support regarding the preparation of the disputation and, if necessary, the publication.
- d) The supervisor shall cooperate with regards to the production of meeting minutes about the status of the dissertation at least once a year (see Section 3 c). A copy shall be sent to the Dean's Office unsolicited.

Section 5 Tasks of the doctoral candidate

- a) The doctoral candidate shall work towards the doctorate according to Section 2 of this agreement. At regular meetings (see Section 3 a) with the supervisor he/she shall report on the development of the work, possible problems regarding the realisation and the introduction of the doctoral candidate into the academic community, as well as on considerable deviations from the work and time schedule.
- b) The doctoral candidate shall keep a log book with details regarding the experimental data and procedure. This shall also apply to the evaluation of clinical data (for detailed regulations please refer to a separate SOP (Standard Operating Procedure) of the supervising institution if necessary).
- c) In view of the fact that medical research takes place within the framework of patient care and/or safety requirements have to be observed, the doctoral candidate shall provide the supervisor and, if applicable the laboratory manager, access to the data obtained. After completion, the laboratory reports also have to be provided to the laboratory. According to labour regulations, the log book must remain in the laboratory. All data obtained shall be treated as confidential.
- d) The doctoral candidate guarantees that he/she has not made use of any assistance from a commercial doctoral agency and will do so in the future.
- e) The doctoral candidate commits himself to complete the written dissertation after completion of the experimental part and the data collection within ...

months and that he/she will submit it to the Dean's office of the Faculty of Medicine upon approval by the supervisor within ... months.

- f) The doctoral candidate commits himself to immediately inform the dissertation supervisor and the Dean's office of any change regarding the address at which he/she can be contacted.

Section 6 Task of the supervisor

The supervisor shall evaluate the dissertation within ... months.

Section 7 Non-compliance

In the event of non-compliance with the above obligations, discussions shall immediately be held between the parties (supervisor and/or doctoral candidate) in order to restore or, if applicable, to terminate the fulfilment of the agreement. In case of conflict, the parties shall approach the chair of the doctoral committee of the Faculty of Medicine.

Date and signatures:

.....
(Date, Doctoral candidate)

.....
(Date, Supervisor)

I have read the above doctoral agreement and I agree to the use of any resources from my institution if needed to comply with this agreement.

.....
(Date, Head of institutions)*

*Signature only necessary if not also the supervisor

Writing and publishing the dissertation

1. Requirements for writing the dissertation

- a) The dissertation shall be submitted in typewritten form in A4 format. The font must be size 12, with line spacing of 1.5, margins of 3 cm (right and left) and 2.5 cm (top and bottom).
- b) The dissertation must include a summary in German and English language, presenting the objective and the relevance of the individual results in addition to the usual table of content. The summary should typically be no longer than two A4 pages. Both summaries are part of the academic work and therefore of the evaluation. Deviations from this provision must be approved by the doctoral committee in advance.
- c) The title page must be completed according to Annex 3. Only the title shall be printed in bold. The use of the university seal or logo is not permitted. The institution in which the dissertation has been completed according to the structure in Annex 6 must be recorded, as well as the name of the director or head of that institution. The title of the dissertation must not exceed four lines.
- d) The Dean, the primary evaluator and, if applicable, the secondary evaluator must be named on page 2 according to Annex 4, with title, forename and surname, as well as the date of the oral examination, if known.
- e) The bibliography must be formatted either in accordance with the citation rules of the Journal of the American Medical Association or the Vancouver Citation Style.
- f) At the end of the dissertation a tabular CV and a written declaration according to Annex 5 shall be added.
- g) 4 copies of the dissertation must be submitted in A4 format, unperforated, in spring binders or springback binders.

2. Publication-based dissertation

- a) The publication-based dissertation must at least include a manuscript accepted for publication or a publication, after prior evaluation in an anonymised peer review process. The doctoral candidate must be the sole lead author of this manuscript / publication.
- b) At least one evaluator of the dissertation must not at the same time be a co-author of the publication(s).

c) A publication-based dissertation comprises the following sections:

- Cover sheet
- Page 2
- Table of Contents
- Summary in German and English language, presenting the objective and the relevance of the individual results in addition to the usual table of content. The summary should typically be no longer than two A4 pages. Both summaries are part of the academic work and therefore of the evaluation. Deviations from this provision must be approved by the doctoral committee in advance,
- List of abbreviations, if applicable,
- Comprehensive summary in German or English (typically 5 - 10 pages) containing an introduction with reference to the overall research question, a presentation of the manuscript(s) respectively the publication(s) and a discussion of the results obtained and their relevance with regards to the research question,
- Overview of the manuscripts and publications accepted for release,
- The manuscripts/publications
- Presentation of the personal contribution regarding the manuscripts/publications,
- Bibliography (either according to the citation rules of the Journal of the American Medical Association or the Vancouver Citation Style) of the citations in the introduction and the discussion,
- As an annex, any further original data or methods not documented in the manuscripts/publications if applicable,
- CV including date and signature and
- A written declaration provided with date and signature.

3. Publication of the dissertation

The following possibilities are available for submission of the mandatory copies:

- a) 6 printed copies, thereof 5 copies for the university library and 1 printed copy for the doctoral department, or
- b) 6 printed copies if the publication was printed in a journal, thereof 5 copies for the university library and 1 printed copy for the doctoral department, or
- c) 3 book copies if a commercial or a scientific publisher carries out the distribution via book shops and a minimum print run of 150 copies is documented. The publication as dissertation must be stated on the reverse of the title page stating the place of dissertation. 2 copies are to be provided to the university library and 1 copy to the doctoral department, or

- d) 5 printed copies and 5 CD-ROMs, including 4 printed copies and 5 CD-ROMs for the university library and 1 printed copy for the doctoral department, or
- e) Publication as an online document on a server of the university library (Server of the university library; declaration of consent at the following link: http://www.ub.uni-frankfurt.de/dissertationen/formular_ediss.pdf), plus 1 CD-ROM and 3 bound printed copies on acid-free, non-ageing paper (according to DIN ISO 9706) in A4 or A5 format with simple adhesive binding (no spring binders, no spiral binding), thereof 2 printing copies for the university library and 1 printing copy for the doctoral department.

For e), the doctoral candidate shall transfer to the university the non-exclusive right to produce and to distribute additional copies of the respective electronic versions of the dissertation and to distribute a summary (abstract) approved by the first evaluator of the dissertation of no more than one page for publication purposes.

From the Faculty of Medicine
at the Johann Wolfgang Goethe University
Frankfurt am Main

supervised by
[Centre]
[Clinic or Institute]
Director: [Title Forename Surname]

Title [max. 4 lines]

Dissertation
to obtain the degree of Doctor of Medicine
from the Faculty of Medicine
at the Johann Wolfgang Goethe University
Frankfurt am Main

submitted by
[Forename Surname]

from [place of birth]
Frankfurt am Main, [Year of Submission]

From the Faculty of Medicine
at the Johann Wolfgang Goethe University
Frankfurt am Main

supervised
by[Centre]
[Clinic or Institute]
Director: [Title Forename Surname]

Title [max. 4 lines]

Dissertation
to obtain the degree of Doctor of Dentistry from
the Faculty of Medicine
at the Johann Wolfgang Goethe University
Frankfurt am Main

submitted by
[Forename Surname]

from [place of birth]

Frankfurt am Main, [Year of Submission]

From the Faculty of Medicine
at the Johann Wolfgang Goethe
University Frankfurt am Main

supervised by
[Centre]

[Clinic or
Institute]

Director: [Title Forename Surname]

Title [max. 4 lines]

Dissertation
to obtain the degree of Doctor of Theoretical Medicine
from the Faculty of Medicine
at the Johann Wolfgang Goethe
University Frankfurt am Main

submitted by
[Forename
Surname]

[academic degree if
applicable]

from [place of birth]

Frankfurt am Main, [Year of Submission]

Dean:	[Title Forename Surname]
Primary evaluator:	[Title Forename Surname]
Secondary evaluator:	[Title Forename Surname]
Date of oral examination:	[DD.MM.YYYY]

Written declaration

I declare on my honour that I wrote the dissertation entitled

[Title of the dissertation]

at the [clinic, institute, hospital, research institution]

which was submitted for the doctoral examination in the Faculty of Medicine at the Johann Wolfgang Goethe University Frankfurt am Main, under the supervision and guidance of [title, forename, surname] with support from [title, forename, surname] independently without any other help, and that I did not use any resources other than those cited in the dissertation. In addition, I declare that I have not made use of the services of a commercial doctoral agency.

I have never before submitted a request for a doctorate to a domestic or foreign university*. This work has not previously been submitted as a dissertation.

The results of this work have been (or will be) published in the following journal:

[List of all authors in sequence, title, journal, volume, page, year of publication]

(Place, Date)

(Signature)

*) delete if not applicable

Structure of the Faculty of Medicine and the University Hospital (Version of 1 February 2016)

Annex A1

Institutions of the University (Faculty of Medicine)

1. Deanery
2. Institute of General Practice (Centre for Health Sciences)
3. Institute of Occupational, Social and Environmental Medicine (Centre for Health Sciences)
4. Institute of Biostatistics and Mathematical Modelling (Centre for Health Sciences)
5. Dr. Senckenbergisches Institute of History and Ethics of Medicine (Centre for Health Sciences)
6. Institute of Medical Psychology (Centre for Health Sciences)
7. Dr. Senckenbergisches Chronomedicine Institute¹ (Centre for Molecular Medicine)
8. Institute of Cardiovascular Pharmacology² (Centre for Molecular Medicine)
9. Institute of Cardiovascular Regeneration (Centre for Molecular Medicine)
10. Institute of Molecular Medicine (Centre for Molecular Medicine)
11. Institute of Vascular Signalling (Centre for Molecular Medicine)
12. Institute of Anatomy I (Clinical Neuroanatomy) (Dr. Senckenbergische (Anatomy))
13. Institute of Anatomy II (Experimental Neurobiology) (Dr. Senckenbergische (Anatomy))
14. Institute of Anatomy III ((Cellular and Molecular Anatomy) (Dr. Senckenbergische (Anatomy))
15. Institute of Physiology I (Cardiovascular Physiology) (Centre of Physiology)
16. Institute of Physiology II (Sensory and Neurophysiology) (Centre of Physiology)
17. Institute of Biochemistry I (Pathobiochemistry) (Gustav Embden Centre of Biochemistry)
18. Institute of Biochemistry II (Cardiovascular Biochemistry) (Gustav Embden Centre of Biochemistry)
19. Brain Imaging Center
20. Central Research Unit
21. LOEWE-Centre for Cell- and Gene Therapy³
22. LOEWE-Centre for Translational Medicine and Pharmacology⁴

¹ Research institute, supported by the Dr. Senckenbergische Foundation

² Jointly with the Max Planck Institute for Heart and Lung Research, Bad Nauheim

³ Jointly with the Paul Ehrlich Institute, Georg-Speyer-Haus and the MPI for Heart and Lung Research

⁴ Jointly with Faculties 14 and 15, the Fraunhofer-Institute for Molecular Biology and Applied Ecology in Aachen and the MPI for Heart and Lung Research in Bad Nauheim

Annex A2

Institutions of the university hospital

- | | |
|--|---|
| 1. Medical Clinic I (Gastroenterology, Hepatology, Pneumology Allergologie, Ernährungsmedizin, Endokrinologie, Diabetologie) | (Centre for Internal Medicine) |
| 2. Medical Clinic II (Haematology, Oncology, Haemostaseology, Rheumatology, Infectiology) | (Centre for Internal Medicine) |
| 3. Medical Clinic III (Cardiology, Angiology)
Department of Nephrology | (Centre for Internal Medicine) |
| 4. Department of General and Visceral Surgery | (Centre of Surgery) |
| 5. Clinic for Vascular and Endovascular Surgery ⁵ | (Centre of Surgery) |
| 6. Clinic for Paediatric Surgery and Paediatric Urology | (Centre of Surgery) |
| 7. Clinic for Oral, Cranio-Maxillofacial and Plastic Facial Surgery | (Centre of Surgery) |
| 8. Clinic for Thorax, Heart and Thoracic Vascular Surgery | (Centre of Surgery) |
| 9. Department of Trauma, , Hand and Reconstructive Surgery | (Centre of Surgery) |
| 10. Clinic for Urology | (Centre of Surgery) |
| 11. Department of Gynaecology and Obstetrics | |
| 12. Clinic for Paediatric and Adolescent Medicine | (Centre for Paediatric and Adolescent Medicine) |
| 13. Department of Dermatology, Venereology and Allergology | |
| 14. Department of Ophthalmology | |
| 15. Department of Otolaryngology | |
| 16. Department of Neurosurgery | (Centre of Neurology and Neurosurgery) |
| 17. Clinic for Neurology | (Centre of Neurology and Neurosurgery) |
| - Department of Neuro-oncology ⁶ | |
| - Department of Epilepsy | |
| 18. Clinic for Psychiatry, Psychosomatics and Psychotherapy | (Centre for Psychiatric Health) |
| 19. Clinic for Psychiatry, Psychosomatics and Psychotherapy for Children and Adolescents | (Centre for Psychiatric Health) |

⁵ Upon departure of the current head (C3), the responsibility for this clinic will return to the Clinic for General and Visceral Surgery

⁶ Endowed chair and institute, formerly supported by the charitable organization "Hertie-Stiftung" and the foundation "Dr. Senckenbergische Stiftung"

- | | | |
|-----|---|---------------------------|
| 20. | Institute for Diagnostic and Interventional Radiology | (Centre for Radiology) |
| 21. | Institute of Neuroradiology | (Centre for Radiology) |
| 22. | Department of Nuclear Medicine | (Centre for Radiology) |
| 23. | Department of Radiation Therapy and Oncology | (Centre for Radiology) |
| 24. | Department of Anaesthesiology, Intensive Care Medicine and Pain Therapy | |
| 25. | Dr. Senckenbergisches Institute for Pathology | |
| 26. | Neurological Institute (Edinger Institute) ⁷ | |
| 27. | Institute for Medical Microbiology and Infection Control | (Centre of Hygiene) |
| 28. | Institute for Medical Virology | (Centre of Hygiene) |
| 29. | University Centre for Tumour Diseases | |
| 30. | Institute for Forensic Medicine | |
| 31. | Institute for General Pharmacology and Toxicology | (Centre for Pharmacology) |
| 32. | Institute for Clinical Pharmacology | (Centre for Pharmacology) |
| 33. | Pharmacy | |
| 34. | Central Laboratory | |
| 35. | Central Emergency Ward | |

Annex A3

Other institutions of the University Hospital primarily not related to research and teaching

1. Hospital Administration
2. State School for Technical Assistants in Medicine
3. Training School for Surgical and Anaesthesia Assistants, recognized by the German Hospital Federation
4. Agnes-Karll-Schule (Public school for education in Healthcare and Nursing, Healthcare and Paediatric Nursing and Nursing Assistance)

⁷ Supported by the Ludwig Edinger Foundation

Annex A4

Institutions with particular legal character

1. Orthopaedic University Hospital Friedrichsheim⁸
2. Polyclinic for Orthodontics (Centre of Dental, Oral and Maxillo-Facial Medicine, Carolinum)⁹
3. Polyclinic for Periodontology (Centre of Dental, Oral and Maxillo-Facial Medicine, Carolinum)
4. Polyclinic for Dental Surgery and Implantology (Centre of Dental, Oral and Maxillo-Facial Medicine, Carolinum)
5. Polyclinic for Dental Prosthetics (Centre of Dental, Oral and Maxillo-Facial Medicine, Carolinum)
6. Polyclinic for Dental Maintenance (Centre of Dental, Oral and Maxillo-Facial Medicine, Carolinum)
7. German Centre for Heart and Circulation Research¹⁰
8. German Consortium for Translational Cancer Research¹¹
9. Hessian Centre for Preventative Paediatric Care¹²
10. Institute of Experimental Paediatric Tumor Research¹³ (Centre for Paediatric and Adolescent Medicine)

Annex 5

Co-operating institutions

1. Blood Donor Service of the German Red Cross Baden-Württemberg-Hessen
2. Institute for Tumorbiology and Experimental Therapy, Georg-Speyer-Haus
3. Clinic for Oncology and Haematology at the hospital „Krankenhaus Nordwest“
4. Max Planck Institute for Heart and Lung Research, Bad Nauheim
5. Paul Ehrlich Institute, Langen

⁸ Subsidiary of the University Hospital. The “Endowed chair at the Orthopaedic University Hospital Friedrichsheim gGmbH with focus on regenerative medicine” is supported by the Foundation “Stiftung Friedrichsheim”

⁹ Part of the Faculty of Medicine, affiliate of Goethe-University

¹⁰ Part of the Faculty of Medicine – Division of Cardiovascular Imaging

¹¹ Part of the Faculty of Medicine of Goethe-University

¹² Part of University Hospital

¹³ Part of the Faculty of Medicine, affiliate of Goethe-University, Endowed chair and institute, supported by the Frankfurt Foundation for children suffering from cancer

Criteria for Grading the Dissertation

The following scale of grades is provided at the Faculty of Medicine for grading the dissertation:

summa cum laude	with distinction	(0)
magna cum laude	very good	(1)
cum laude	good	(2)
rite	satisfactory	(3)
non rite	insufficient	(4)

In principle, the following criteria must be taken into account by the evaluators when assessing a dissertation:

- The suitability of the doctoral candidate for academic work and critical thinking, including the ability to develop individual solutions for the specific problems based on knowledge gained from studying the literature and from the methodical principles taught by the supervisor.
- The suitability of the methods used to obtain and critically assess data and information, as well as their interpretation.
- The personal commitment and the activities carried out to handle the scientific question, the sensible planning and sensible structuring of the task, as well as the timely completion of the work.
- Editorial aspects of the dissertation: Length and proportioning of the dissertation, representation of the bases, the investigated material and the investigation method, as well as the results obtained (including tables and illustrations), the literature, the style and the quality of the printout.

In addition to the general criteria, the following criteria to the grading shall apply:

rite (satisfactory)

The grade "rite" is awarded for

- a) Observational studies (e.g. "Retrospective studies" without any significant new aspects, simple case compilations, casuistries of rare cases) or
- b) Experimental¹, primarily comprehensible work using established methods, or
- c) Theoretical² work of a simple, primarily referencing character.

¹ A study is experimental as defined in these recommendations if the influence factors to be studied are controlled by the investigator himself/herself or according to a procedure specified by him/her, as it is the case for in-vitro experiments, animal testing and randomised clinical trials. Studies, in which the influence factors are only determined (observed), as it is the case for case control studies or cohort studies, summarised here under observational studies.

² Work is defined as theoretical if there is no independent data collection

cum laude (good)

The grade "cum laude" is awarded for

- a) Independently performed observational studies with a clear scientific question in order to acquire new scientific knowledge, or
- b) Experimental work that includes a variety of established, difficult methods with independent performance of experiments, work planning and structuring of the tasks by the doctoral candidate, or
- c) Theoretical² work, which shows a considerable amount of independent initiative by the doctoral candidate in the development of academic solutions for the prescribed scientific matter.

magna cum laude (very good)

The grade "magna cum laude" is awarded for

- a) Challenging observational studies that led to new scientific knowledge³ and which were primarily planned and performed by the doctoral candidate independently, or
- b) Experimental, methodically difficult work, which led to new scientific knowledge³, applying new methods or methods modified by the doctoral candidate with primarily independent planning and realisation of the work, or
- c) Theoretical work that, based on extensive study of the literature and critical analysis of existing data and opinions, led to new scientific knowledge or opinions³, developed independently by the doctoral candidate.

summa cum laude (with distinction)

The grade "summa cum laude" is awarded for

- a) Work that led to significant scientific knowledge applying new, original methods of investigation and observation exceeding those graded with Magna cum laude, which have been developed independently by the doctoral candidate, or
- b) Experimental work leading to new significant scientific knowledge, which also exceeds Magna cum laude such that this knowledge has been gained on the basis of an independently developed experimental plan and with independently developed examination methods and contains a large amount of originality.

The grade "summa cum laude" requires the publication of the results (or at least a manuscript accepted for publication), the doctoral candidate being the first author, after undergoing a peer review process in an internationally high-quality journal in the specialist field.

An evaluation shall be prepared on the basis of these criteria. Annex 8 may serve as a template for this evaluation.

³ Typically acceptance of a publication in a recognised/evaluated scientific journal

Annex 8 to the Doctoral Regulations of the Faculty of Medicine at the
Johann Wolfgang Goethe University Frankfurt am Main of 3 December 2014

Dean and Vice-dean of the Faculty of Medicine
at the Goethe University
Frankfurt am Main
Dean's Office of the Faculty of Medicine
Theodor-Stern-Kai 7
60590 Frankfurt am Main

➤ Evaluation-based vote on the dissertation:

[Subject]

submitted by

**[Forename Surname Doctoral Candidate] from [Place and country
of birth]**

[Overview of the dissertation's content and statements] [Vote

on the introduction]

[Vote on the results]

[Vote on the discussion]

[Summary]

I recommend to the Faculty of Medicine at the Goethe University Frankfurt am Main
to accept the dissertation [on the following condition]:

[If applicable, name conditions]

Aspects for evaluation of academic work according to the decision of the Faculty Board

1. Content-related aspects

1.1 Scientific question

1.1.1. Is the scientific question original?

[...]

1.1.2. Is the scientific question relevant?

[...]

1.2. Results

1.2.1. Have the results been correctly calculated?

[...]

1.2.2. Have the results been correctly described?

[...]

1.2.3. Have the results been correctly processed?

[...]

1.3. Statement

1.3.1. Does the statement fit the results?

[...]

1.3.2. Does the statement fit the question?

[...]

1.3.3. Is the statement relevant in any way?

[...]

2. Formal aspects

2.1. Conception

[...]

2.1.2. Representation of the results

[...]

2.1.3. Representation of the conclusion

[...]

2.2. Method

2.2.1. Is the method of investigation appropriate?

[...]

2.2.2. Have several methods been applied in order to confirm the method used to obtain the statement ?

[...]

2.3. Literature

2.3.1. Has the literature really been processed, i.e. evaluated in respect of the scientific question?

[...]

2.3.2. Has the main literature been covered?

[...]

2.3.3. Are the citations correct?

[According to a random check of the extensive bibliography, the citations are correct. A brief research in internationally available databases did not reveal any works which have not been cited. The discussion shows an exemplary processing of the literature.

The evaluator has **not** checked the work for plagiarised content.]

2.4. Style

[...]

I recommend to the Faculty of Medicine at the Goethe University Frankfurt am Main to accept the dissertation awarding the grade:

[...]

[Title, Forename Surname of the evaluator, Stamp]

[Place], [Date of evaluation]

Fees in the faculty

1. Doctoral fee:

The doctoral fee of Euro 250.00 is payable at the start of the examination procedure. If the dissertation is rejected or the examination is failed, the fee is not repaid to the candidate. It is not possible to defer payment of the doctoral fee.



Faculty of Medicine
at the Johann Wolfgang Goethe University
Frankfurt am Main

[Salutation Title Forename Surname]
[name at birth]
born on [date of birth]
at [place of birth]

is awarded the degree of **Doctor of Medicine**, after
[he/she] proved [his/her] academic abilities in a proper doctoral process
by the submission of a dissertation

[Subject]

and by its disputation.

The performance has been assessed with the overall grade [grade].

Frankfurt am Main, [date of award]

Dean of the Faculty of Medicine

Vice-Dean of the Faculty of Medicine
Chair of the Doctoral Committee

[Title Forename Surname, Dean]

[Title Forename Surname, Pro-dean]



Faculty of Medicine
at the Johann Wolfgang Goethe University
Frankfurt am Main

[Salutation Title Forename Surname]
[name at birth]
born on [date of birth]
at [place of birth]

is awarded the degree of **Doctor of Dentistry**, after
[he/she] proved [his/her] academic abilities in a proper doctoral process
by the submission of a dissertation

[Subject]

and by its disputation.

The performance has been assessed with the overall grade [grade].

Frankfurt am Main, [date of award]

Dean of the Faculty of Medicine

Vice-Dean of the Faculty of Medicine
Chair of the Doctoral Committee

[Title Forename Surname, Dean]

[Title Forename Surname, Pro-dean]



Faculty of Medicine
at the Johann Wolfgang Goethe University
Frankfurt am Main

[Salutation Title Forename Surname]
[name at birth]
born on [date of birth]
at [place of birth]

is awarded the degree of **Doctor of Theoretical Medicine**,
after [he/she] proved [his/her] academic abilities in a proper doctoral process
by the submission of a dissertation

[Subject]

and by its disputation.

The performance has been assessed with the overall grade [grade].

Frankfurt am Main, [date of award]

Dean of the Faculty of Medicine

Vice-Dean of the Faculty of Medicine
Chair of the Doctoral Committee

[Title Forename Surname, Dean]

[Title Forename Surname, Pro-dean]