

Guidelines for Preparing a Cumulative Dissertation

1. Cumulative Dissertations in the faculty of Biochemistry, Chemistry, and Pharmacy

Publication-based dissertations are permitted if the following criteria are met:

- There must be at least three publications. At least two of these must be research papers with the doctoral candidate as the first author. First authorship implies that the main contribution to the publication comes from this person. The following may also be considered as publications:
 - a review article, if the doctoral candidate is the first author,
 - research papers with the doctoral candidate as a co-author, provided that the contributions are substantial.
- The publications must have appeared in internationally recognized journals with established peer-review systems or, at the very least, have been verifiably accepted for publication.
- Shared first authorships are considered equivalent to first authorships if the individual contributions could stand on their own. It is generally assumed that no more than two authors share this status. In the introduction to the dissertation (see below), the author's own contribution should be made particularly clear.
- Since dissertations are considered individual achievements, the individual contribution to the publications that make up a cumulative dissertation must be explicitly stated.
- Please note the applicable copyright regulations; these must be followed. In particular, regulations regarding co-authorship, secondary publication, and secondary exploitation rights may be relevant to the respective publications.

2. Application for a Cumulative Dissertation

The application should be addressed to the Chair of the Doctoral Committee of the faculty of Biochemistry, Chemistry, and Pharmacy (preferably in electronic form).

The following documents must be attached (see forms):

- a. Application (complete and signed)
- b. Publication details with a declaration of the individual's own contribution (complete separately for each publication; if necessary, duplicate the page or attach an appendix)

For each publication to be included in the cumulative dissertation:

- Please provide complete bibliographic information, including the full list of authors, title, and DOI number.
- Please explicitly indicate if the publication is a review article.
- Please explicitly indicate if the article has not yet been published but has already been accepted.
- Please specify your own contribution to the content for each publication. The following categories, among others, should be considered:
 - Data (experimental/simulations/etc.) on which the publication is based
 - Data analysis and interpretation
 - Literature review (relevant only for review articles)
 - Creation of figures
 - Drafting of the manuscript
 - Development and planning of the project on which the publication is based

3. Preparation of the Cumulative Dissertation

- In addition to the publications, the dissertation includes a presentation of the overall work, in which the publications are to be summarized and placed within a broader context. A traditional structure consisting of an introduction, results/discussion, and conclusion is recommended. This section of the dissertation should be approximately 50 pages in length.
- Your own contribution to the work must be clearly indicated in the dissertation.
- Please note that applicable copyright regulations must be observed.
- A brief, approximately 2-page summary of the work in German or English is required for the circulation process and must be submitted to the Doctoral Office along with your documents.

4. Contact

If you have any questions regarding this matter, please contact the Dean's Office of the faculty of Biochemistry, Chemistry, and Pharmacy.

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Phone: 069/798-29545

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