Project Proposal

Master Study Program of Biochemistry

University of Cologne

First name, last name

Matriculation number

Project title

Date

Work Group

# Current state of research

TEXT (1-2 pages: please introduce the general topic of your work, refer to the literature, especially original work, use descriptive pictures for illustration; this part of the proposal serves to introduce the topic and should guide towards the open questions that you would like to answer during your master thesis)

# Research objectives and work program

*if existing, preliminary work*

## Objectives

TEXT (0,5 - 1 page: describe the main objectives you want to investigate; use bullet points to structure the objectives)

## Research plan, Work program incl. proposed research methods

TEXT (ca. 10 pages: define work packages, describe experiments, describe controls, describe on which preliminary work these experiments are based, use this part to design a hypothesis driven work program, provide back-up strategies if experiments should fail, use flow charts to structure the order of experiments, include a table that relates your work packages to a time schedule and refers to the total project time period)

## Data handling

TEXT (0,5 - 1 page: Shortly describe how data obtained during your work will be treated. Where will they be stored? How will they be published? How do you ensure that data are accessible afterwards?)

## Description of proposed investigations involving experiments on humans, human materials or animals

TEXT (0,5 page: optional - if you will work with human or animal material, what are the legal and administrative regulations that you have to adhere to? )

# Bibliography

use **Endnote** – students of the University of Cologne can download a free version from the website: <https://rrzk.uni-koeln.de/endnote-campuslizenz.html>

use the format style you want

# Relevance of project to research career objectives

TEXT (ca. 0,5 DIN A4: illustrate also shortly your future career plans, where and how do you plan to continue your (scientific) career)

# Reasons for selecting host institution(s)

TEXT (ca. 0,5 DIN A4: shortly describe the reasons why you chose the working group in which you would like to perform your Master thesis)

# Funding

## Funding for staff

TEXT (bullet points or table: list persons and function, e.g. master student; working period; describe in 2-3 sentences why you need the person and the work he/she should do; add salary, if applicable)

## Equipment up to €10.000, software, consumables

TEXT (see 6.1)

List here consumables and calculate approximately the costs for the experiment of your Master thesis. This does not necessarily have to be super precise. It serves the purpose to make you aware of the costs of modern life sciences research.

## Expenses for Laboratory Animals

TEXT (see 6.2)

## Other costs

TEXT (see 6.2)