

Title of Proposal (Arial 12 pt, bold)

Principal investigator:
Name of Principal Investigator
Address
Tel. No.
E-mail

Place, Date

ABSTRACT (ARIAL 11 PT, BOLD, SMALL CAPITALS)

Summarize briefly the purpose of the envisaged proposal; highlight the innovative and new aspects and especially the relevance for and the contribution to be made to the phospholipid research area.

Write your text in Arial, font size 11 pt, 1.15- spaced line, full justification, margin left and right 2.5 cm, upper and lower margin 2.0 cm

Headings of subsections should be in Arial 11 pt bold with the initial letters capitalized.

INTRODUCTION

Introduce the project by reviewing the latest and relevant state of the art of the literature and recent achievements of yourself and direct competitors in the same area.

AIM OF THE PROJECT

Describe in a few sentences which aspect of the research on phospholipids is addressed and which achievements /improvements compared to the state of the art are aimed for.

Specific properties of phospholipids or technologies used, need to be compared with proper controls (e.g. comparison of phospholipids among each other/other excipients with similar properties/competing technologies) to underscore the uniqueness of the envisaged findings.

MATERIALS AND METHODS

Drug substances: Explain briefly the reason for selection and relevant physicochemical properties.

Phospholipids: Explain briefly the selection of the lipids and the source.

Other excipients, chemicals: Explain them only when they are very special and essential for the project.

Preparation of phospholipid containing formulations (equipment, batch size, solvents, drying, storage etc.)

Physico-chemical characterization of phospholipid containing formulations; which analytical methods will be used: (chemical (e.g. HPLC, GC), physical (e.g. DSC, PCS, XRPD, Raman), pharmaceutical (e.g. dissolution testing; solubility testing), other methods (e.g. microbiological); describe briefly the methods and measurement conditions. Mention possible cooperation partners.

In vitro testing. Describe briefly the methods.

In vivo testing. Describe briefly the methods, including bioanalytics.

WORK PLAN

Describe, in general terms, the step-by-step work packages which you intend to use to achieve the defined aims of the project. Add only details when this is necessary to increase the understanding for the structure and composition of the particular work package.

TIMELINES

Provide the timelines in table-format as provided below.

List (chronologically) the work packages (add title/description) in the first column; list the time frame in calendar years and quarters in the first two rows.

Label the corresponding box at which the work package will be performed.

Year Quarter	Starting Year				Starting Year + 1				Starting Year + 2			
	1	2	3	4	1	2	3	4	1	2	3	4
WP1												
WP2												
WP3												
WP4												
WP5												
WP6												
WP7												
WP8												
WP9												
WP 10												
Manuscript writing												

BUDGET

In case financial support by various organizations is foreseen, provide an overview of these funds in table format.

The provided table can be extended to provide details.

Item	Annual costs (EUR)	Total costs (EUR)	Additional Funds		Requested Funds (PRC)	
			Annual (EUR)	Total (EUR)	Annual (EUR)	Total (EUR)
Salaries						
Salary PhD student						
Salary PostDoc						
Operational expenses						
Running cost: chemicals, consumables						
Animal experiments						
Travel funds						
Total costs of project						

BENEFIT FOR COMMUNITY

When appropriate, summarize briefly.

REFERENCES

Mention literature references in the text and in this section using Harvard Style.

[1] van Hoogevest, P., 2017. Review – An update on the use of oral phospholipid excipients. Eur. J. Pharm. Sci., 108, pp.1 – 12

[2] van Hoogevest, P., Wendel, A., 2014. The use of natural and synthetic phospholipids as pharmaceutical excipients. Eur. J. Lipid Sci. Technol., 116, pp.1088 – 1107.

In case previous publications are key for the project proposal, it is appreciated when copies are provided.

SIGNATORIES

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Date and Place

.....
Name of Principal Investigator

APPENDIX 1

CV and Expertise of Principal Investigator

Provide standard CV, highlighting the experience and interest in the phospholipid R&D area.-
In case of cooperation partners, mention briefly their track record in the area of cooperation.