

EXAMINER'S REPORT FORM

DEGREE OF DOCTOR OF PHILOSOPHY IN Report by on the thesis presented by the candidate: of Doctor of Philosophy at the Faculty of Science and Medicine of the University of Fribourg, Switzerland The Faculty of Sciences of the University of Fribourg regards detailed reports by external specialists as crucial to the examination process. Please summarize the research work accomplished by the candidate and evaluate the scientific quality and impact in the specific discipline. Does the presentation correspond to the international standards in the discipline? If the thesis is based on multi-authored papers, can you evaluate the contribution of the PhD candidate? According to your evaluation, do you recommend that: O The candidate be awarded the degree and that no corrections need be made to the thesis The candidate be awarded the degree but minor corrections are needed The candidate be awarded the degree only after major corrections have been made The candidate should be invited to do further work and resubmit the thesis for reexamination The degree should not be awarded to the candidate The best thesis of the year will be honoured by a Faculty prize. Do you consider that this thesis belongs to the 10% of the best theses presented recently in your domain and would therefore merit such a prize? O: YES O: NO If yes, why?

Please fill out this form and send it, together with your detailed report (2 to 3 pages), in due time to the following address:

Dean of the Faculty of Sciences and Medicine University of Fribourg Chemin du Musée 8 CH-1700 Fribourg, Switzerland

Date: Signature:

Thank you very much for your time and effort.

Dean's Office, May 13th 2019