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公衆衛生学研究科長 殿

Dean, Graduate School of Public Health

博士論文審査結果 Doctoral Dissertation Examination Results

審査委員長  
Chair of Dissertation Review Committee

  
自著/Written Signature

1. 審査結果 Examination Results

学位申請者 Candidate	学籍番号 Student ID	19DP001	
	氏名 Full Name	Yayoi Murano	
専門分野 Field of Study		Epidemiology/Biostatistics	
論文題名 Title of Dissertation		Association between pre-pregnancy underweight and intrauterine growth restriction (IUGR)	
審査委員 Reviewers		所属・職位 Institution/Department/Title	氏名 Full Name
	主査 Chair	Graduate School of Public Health, Professor	Kevin Urayama
	副査 Co-chair	Graduate School of Nursing Science, Graduate School of Public Health, Professor	Erika Ota
	副査 Co-chair	Graduate School of Public Health, Professor	Stuart Gilmour
	副査 Co-chair		
	副査 Co-chair		
審査日 Date of Examination		2022 年(y) 01 月(m) 13 日(d)	
審査結果 Results		合格 Passed / 不合格 failed	
備考 Remarks		The student was requested to address several comments in a revised dissertation and was given two weeks. The committee has reviewed the final revised dissertation which was used as the basis for these results.	

## 2. 審査結果の要旨 (1,000 文字以内) Summary of examination results

審査の合否および評価の記入は 1000 字程度 で作成して下さい。なおこの審査の合否および評価は、「博士学位論文内容の要旨と審査結果の要旨」の原稿としますので、文末は下記の文言になります。  
〔以上により、本論文は、本学学位規程第 6 条に定める博士（公衆衛生学）の学位を授与することに値するものであり、申請者は公衆衛生学における研究活動を自立して行うことに必要な高度な研究能力と豊かな学識を有すると認め、論文審査ならびに最終試験に合格と判定する。〕

The reviewers are requested to describe the results of the examination (pass/fail) and a summary of the evaluation within approximately 1,000 words. Please note that the last part of the summary should be the following, in order to use the passages as the manuscript for the "abstract of the contents of the doctoral dissertation and the summary of the results of the examination" when the university publishes the dissertation on its website according to the MEXT instructions.

The dissertation examination was conducted on 2022.01.13 in the presence of three faculty committee members, and attendance by several other GSPH faculty and students. The Zoom platform was used in which Dr. Murano presented from a room on campus (CCA) and others attended through Zoom. The presentation lasted for approximately 25 minutes and open Q&A last for about 30 minutes. Dr. Murano provided a clear, thoughtful, and coherent presentation of her dissertation research which comprised addressing multiple aims in line with the caliber of research we would expect of a doctoral student. Her topic regarding IUGR is timely and important given the prevalent nature of this phenomenon in Japan and its effects on perinatal outcomes. With pre-pregnancy BMI and pregnancy weight gain standards being very different in Japan compared to other developed countries, Dr. Murano's research utilizing the large Japan Environment and Children Study can be seen as contributing important evidence to the literature in general, as well serving as a basis for real movement on this issue in Japan. As a clinician and researcher, Dr. Murano intends to continue her research efforts on this topic with the aim of triggering change at the practice level. In a closed session with Dr. Murano, the committee members questioned and commented on several aspects of the dissertation including methodological details and the implications and next steps of this work. Dr. Murano was appropriately responsive to the questions, and after offering a two week period to address the comments in a revised dissertation, the committee has determined that her final submission meets the quality and standards of dissertation work of the graduate program in public health. The dissertation has not yet been published; however, upon confirmation by the dissertation supervisor, manuscript submission will occur in the near-term.

Based on the foregoing, the dissertation is worthy of the award of the degree of Doctor of Public Health as stipulated in Article 6 of the Academic Degree Regulations of the University, and the applicant is recognized as possessing the advanced research abilities and abundant knowledge necessary to independently conduct research activities in public health, and is judged to have passed the dissertation examination and the final examination.