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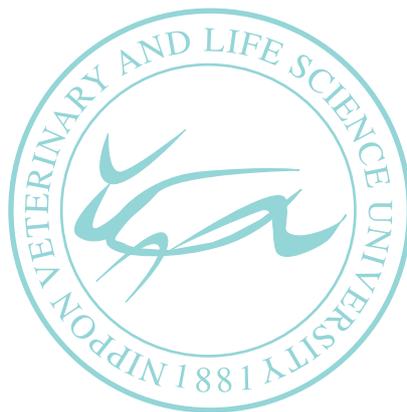
日本獣医生命科学大学研究報告

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It mainly contains articles originally written by the members of the faculty on their scientific and technical research work mostly done during the year concerned. To these are added the summaries of theses submitted to the faculty for partial fulfillment of the requirements for the Doctor's degree in Veterinary Medicine, Veterinary Nursing and Technology and Applied Life Science, and Master's degree in Veterinary Nursing and Technology, and Applied Life Science.

All communications relating to *The Bulletin* are requested to be addressed to the Editors, Nippon Veterinary and Life Science University.

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OUTLINE OF THE UNIVERSITY

Nippon Veterinary and Life Science University was founded by nine veterinarians in 1881. It was established in Otowa, in a corner of the Denzuin, a branch of the Gokokuji Temple, in Bunkyo Ward, Tokyo. Since that time, the university has maintained a high reputation as being a first-class institution for its Life Science education as well as other related disciplines. This is a reflection of the university's mission: "To develop highly qualified veterinarians, specialists, and researchers who not only have dedication for science but also have kind hearts." Embodied in this mission statement, there is the university's ethical approach of "Mutual Respect and Harmony" for and among its students. The university aims to have educated graduates who are individuals rich in humanity, full of creativity and strong in practical skills, yet filled with a sense of modesty, a spirit of cooperation, an aspiration for kindness and a sensitivity to humaneness.

Nippon Veterinary and Life Science University is comprised of two faculties, each of which has two schools. The Faculty of Veterinary Science is made up of the school of Veterinary Medicine and the school of Veterinary Nursing and Technology. The Faculty of Applied Life Science consists of the school of Animal Science and the school of Food Science and Technology. In addition to these two faculties and four schools, the university operates a Graduate School of Veterinary Medicine and Life Science which offers a post-graduate course in three major fields. They are respectively a Doctoral Course in Veterinary Medicine, Doctoral and Master's Course in Veterinary Nursing and Technology as well as Doctoral and Master's Course in Applied Life Science. Although the university is a relatively small educational institution with approximately 200 staff and 1,700 students, it has a long history with well-founded traditions which are a source of great pride. Notwithstanding, in this era of advanced veterinary medicine, technology and education, the university is keeping pace with the rapid changes in these areas Veterinary Medicine, Nursing and Technology through operating among others a Veterinary Medical Teaching Hospital on its Tokyo Campus and the Fuji Research Farm dedicated to animal husbandry and livestock veterinary medicine, research and education at the base of Mount Fuji. By such means the Nippon Veterinary and Life Science University is maintaining both its reputation and status as a first-class educational and research center spanning the fields of Veterinary Medicine, Veterinary Nursing and Technology as well as those of both Animal Science, and Food Science and Technology.

Zoonotic diseases, food shortage and the environmental change and damage, energy resources—these are the major global issues facing the world today. No long-lasting solutions to these enduring problems have yet been found, regardless of the efforts made to address them within the limited confines of traditional disciplines. It seems that since these global issues are interrelated, adopting an interdisciplinary approach towards them which combines agriculture and veterinary medicine with technology, engineering and science would better achieve breakthrough models and concepts to deal with them. Nippon Veterinary and Life Science University recognizes this challenge through all of its four schools and both of its faculties working together as one and acting in concert across this range of disciplines. The university aims to attain new approaches and ideas centered on harmony between people and the environment through the efficient and effective but sustainable use and reuse of natural resources. Accordingly, the university is striving to tighten the mutual bands between disciplines and comprehensively apply the resulting approaches across a broad range of fields.

The university is committed to making contributions for the advancement of veterinary medicine on a worldwide scale as well as for securing a healthier world through maintaining biodiversity and providing more stable and safer food resources. Thus, Nippon Veterinary and Life Science University, though facing up to and tackling the pressing challenges confronting people today, aims to contribute to not only a more vibrant society but also a more prosperous world.

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