

## Chapter 1

### Introduction

#### 1.1 Host Institution Description

The Indonesia International Institute for Life Sciences (i3L), founded in 2012 and located in Jakarta, Indonesia, is a distinguished higher education institution with a clear mission: to provide top-tier education and conduct advanced research in the fields of Science and Technology. With a vision to become a globally recognized interdisciplinary hub that influences society through scientific innovation, i3L is committed to enhancing Indonesia's competitiveness by harnessing the power of science, innovation, and the nation's unique resources. Moreover, i3L is dedicated to cultivating an inclusive and interdisciplinary learning environment aimed at nurturing the next generation of leaders in the domains of science and technology, guided by its core values of grit, role-modeling, and integrity.

Presently, i3L offers a diverse array of undergraduate programs through the School of Life Sciences, encompassing disciplines such as Bioinformatics, Biomedicine, Biotechnology, Food Science and Nutrition, Food Technology, and Pharmacy. Complementing these offerings, the School of Business provides four distinct undergraduate programs, including Business and Entrepreneurship, Creative Digital Marketing, International Applied Accounting, and International Business and Management. Moreover, i3L extends its academic portfolio with a master's program in Biomanagement. Beyond degree programs, i3L enriches its educational landscape by providing professional training and courses in the spheres of life sciences and management, ensuring a holistic and comprehensive approach to education and skill development.

The School of Life Sciences at i3L has established robust connections with esteemed national and international institutions, fostering collaborations in research, internships, thesis work, student exchange and double degree programs. These strategic partnerships aim to create a globally-linked yet locally-rooted center of excellence in life science research and education. The overarching vision of the School of Life Sciences is to emerge as a pioneering and innovative faculty within the realm of Life Sciences, with a direct and tangible impact on elevating the national quality of life and enhancing competitiveness, underpinned by academic affiliations and global best practices.

## 1.2 Department Description

The Pharmacy program at I3L has gained global recognition and is committed to equipping students with the skills necessary to effectively address a wide range of medical issues. The primary goal of our program is to prepare future pharmacists who excel in both research and clinical practice, recognizing the growing demand for highly skilled research pharmacists in Indonesia. We embrace the triple-helix approach, which involves collaboration between academia, business, and government to strategically plan and execute pharmaceutical research and development projects that directly benefit the community.

With a vision to attain international acclaim in education, research, and innovation by 2034, thereby enhancing national competitiveness and supporting the nation's growth, the i3L Pharmacy program has established the following objectives: cultivating pharmacy graduates equipped with advanced knowledge and expertise in current and future pharmaceutical advancements; driving research endeavors with a focus on pioneering pharmaceutical innovations on both the national and international stages; and implementing pharmaceutical technologies and innovations to address community challenges and enhance the health and well-being of the population.