

**A SYSTEMATICAL REVIEW OF THE EFFECT OF KETOGENIC DIET ON
BCL-2 EXPRESSION AS AN APOPTOSIS MARKER IN CANCER
TREATMENT**

THESIS



Written By

VANIA ISLAMEY KUSUMA

NIM : 011711133268

PROGRAM STUDI KEDOKTERAN

FAKULTAS KEDOKTERAN

UNIVERSITAS AIRLANGGA

SURABAYA

2020

**A SYSTEMATICAL REVIEW OF THE EFFECT OF KETOGENIC DIET ON
BCL-2 EXPRESSION AS AN APOPTOSIS MARKER IN CANCER
TREATMENT**

THESIS



Written By

VANIA ISLAMEY KUSUMA

NIM : 011711133268

PROGRAM STUDI KEDOKTERAN

FAKULTAS KEDOKTERAN

UNIVERSITAS AIRLANGGA

SURABAYA

2020

OBLIGATION FORM

**A SYSTEMATICAL REVIEW OF THE EFFECT OF KETOGENIC DIET ON
BCL-2 EXPRESSION AS AN APOPTOSIS MARKER IN CANCER
TREATMENT**

THESIS

**Proposed as One of The Requirements for Completing the Medical Study
Program in Faculty of Medicine, Universitas Airlangga**

Written By :

VANIA ISLAMEY KUSUMA

011711133268

FACULTY OF MEDICINE

UNIVERSITAS AIRLANGGA

SURABAYA

2020

APPROVAL FORM

**A SYSTEMATICAL REVIEW OF THE EFFECT OF KETOGENIC DIET ON
BCL-2 EXPRESSION AS AN APOPTOSIS MARKER IN CANCER
TREATMENT**

THESIS

**Proposed as One of The Requirements for Completing the Medical Study Program
in Faculty of Medicine, Universitas Airlangga**

Written By :

VANIA ISLAMEY KUSUMA

011711133268

This thesis has been approved

Surabaya, July 16th 2020

Head of Examiner



Dr. Reny I'tishom, S.Pi., M.Si.

197110232002121001

Supervisor I



**Dr. Purwo Sri Rejeki, dr., M.Kes.
197506122005012003**

Supervisor II



**Dr. Ema Qurnianingsih, dr., M.Si.
197912142005012003**

SURAT PERNYATAAN ORISINALITAS

Yang bertanda tangan dibawah ini, saya:

Nama : Vania Islamey Kusuma

NIM : 011711133268

Program Studi : Kedokteran

Fakultas : Kedokteran

Jenjang : Sarjana (S1)

Menyatakan bahwa saya tidak melakukan tindakan plagiat dalam penulisan skripsi saya yang berjudul :

**A SYSTEMATICAL REVIEW OF THE EFFECT OF KETOGENIC DIET ON BCL-2
EXPRESSION AS AN APOPTOSIS MARKER IN CANCER TREATMENT**

Apabila suatu saat nanti terbukti melakukan tindakan plagiat, maka saya akan menerima sanksi yang telah ditetapkan.

Demikian surat pernyataan ini saya buat dengan sebenar-benarnya.

Surabaya, 16 Juli 2020



Vania Islamey Kusuma