

## DAFTAR PUSTAKA

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## Lampiran 1. Rekomendasi Persetujuan Etik



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI  
UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN  
KOMITE ETIK PENELITIAN UNIVERSITAS HASANUDDIN  
RSPTN UNIVERSITAS HASANUDDIN  
RSUP Dr. WAHIDIN SUDIROHUSODO MAKASSAR  
Sekretariat : Lantai 2 Gedung Laboratorium Terpadu  
JL.PERINTIS KEMERDEKAAN KAMPUS TAMALANREA KM.10 MAKASSAR 90245.  
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**REKOMENDASI PERSETUJUAN ETIK**

Nomor : 923/UN4.6.4.5.31/ PP36/ 2024

Tanggal: 28 Oktober 2024

Dengan ini Menyatakan bahwa Protokol dan Dokumen yang Berhubungan Dengan Protokol berikut ini telah mendapatkan Persetujuan Etik :

No Protokol	UH24100764	No Sponsor	
Peneliti Utama	dr. Nadya Septiannisa Nasrul	Sponsor	
Judul Peneliti	Efek Pemberian Saffron (Crocus Sativus) Terhadap Gambaran Histologi Hepar Pada Tikus Diabetes Yang Diinduksi Diet Tinggi Lemak Tinggi Glukosa dan Streptozotocin Dosis Rendah		
No Versi Protokol	1	Tanggal Versi	3 Oktober 2024
No Versi PSP		Tanggal Versi	
Tempat Penelitian	Fakultas Kedokteran, RS Universitas Hasanuddin, Fakultas Farmasi dan Fakultas Peternakan Universitas Hasanuddin Makassar		
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard Tanggal	Masa Berlaku 28 Oktober 2024 sampai 28 Oktober 2025	Frekuensi review lanjutan
Ketua KEP Universitas Hasanuddin	Prof. dr. Muh Nasrum Massi, PhD, SpMK, Subsp. Bakt(K)	Tanda tangan	
Sekretaris KEP Universitas Hasanuddin	dr. Firdaus Hamid, PhD, SpMK(K)	Tanda tangan	

## Kewajiban Peneliti Utama:

- Menyerahkan Amandemen Protokol untuk persetujuan sebelum di implementasikan
- Menyerahkan Laporan SAE ke Komisi Etik dalam 24 jam dan dilengkapi dalam 7 hari dan Laporan SUSAR dalam 72 jam setelah Peneliti Utama menerima laporan
- Menyerahkan Laporan Kemajuan (progress report) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah
- Menyerahkan laporan akhir setelah Penelitian berakhir
- Melaporkan penyimpangan dari protokol yang disetujui (protocol deviation / violation)
- Mematuhi semua peraturan yang ditentukan

## Lampiran 2. Statistik SPSS

### Test Statistics<sup>a,b</sup>

Berat\_Organ\_H  
epar

Chi-Square	15.020
df	3
Asymp. Sig.	.002

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

### Test Statistics<sup>a,b</sup>

ALT

Chi-Square	5.672
df	3
Asymp. Sig.	.129

a. Kruskal Wallis Test

b. Grouping Variable:  
Kelompok

## ANOVA

AST

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	4304.809	3	1434.936	.721	.557
Within Groups	25880.250	13	1990.788		
Total	30185.059	16			

## ANOVA

Kolesterol

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3870.418	3	1290.139	18.157	.000
Within Groups	923.700	13	71.054		
Total	4794.118	16			

### Multiple Comparisons

Dependent Variable: Kolesterol

Tukey HSD

(I) Kelompok	(J) Kelompok	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
K-	Kd	-19.85000*	5.65458	<b>.018</b>	-36.4468	-3.2532
	P1	10.50000	5.96045	.334	-6.9945	27.9945
	P2	19.25000*	5.96045	<b>.029</b>	1.7555	36.7445
Kd	K-	19.85000*	5.65458	.018	3.2532	36.4468
	P1	30.35000*	5.65458	<b>.001</b>	13.7532	46.9468
	P2	39.10000*	5.65458	<b>.000</b>	22.5032	55.6968
P1	K-	-10.50000	5.96045	.334	-27.9945	6.9945
	Kd	-30.35000*	5.65458	.001	-46.9468	-13.7532
	P2	8.75000	5.96045	.483	-8.7445	26.2445
P2	K-	-19.25000*	5.96045	.029	-36.7445	-1.7555
	Kd	-39.10000*	5.65458	.000	-55.6968	-22.5032
	P1	-8.75000	5.96045	.483	-26.2445	8.7445

\*. The mean difference is significant at the 0.05 level.

### Test Statistics<sup>a,b</sup>

	Steatosis	Inflamasi_Lobul ar	Balonisasi_Hep atosit
Chi-Square	5.538	8.572	6.859
df	3	3	3
Asymp. Sig.	.136	.036	.077

a. Kruskal Wallis Test

b. Grouping Variable: Kelompok

**Lampiran 3. Dokumentasi Penelitian**



Pengukuran BB tikus



Induksi STZ



Pengukuran glukosa darah puasa



Pemberian ekstrak saffron





Penimbangan saffron kering



Saffron dalam toples kaca



Maserasi saffron



Penyaringan



Evaporasi rendaman saffron



Ekstrak saffron kental

**Lampiran 4. Curriculum Vitae**

## a. Data Pribadi

Nama : dr. Nadya Septiannisa Nasrul  
Tempat, tanggal lahir : Kendari, 14 September 1998  
Agama : Islam  
No. HP : 081354792406  
Pekerjaan : Dokter Umum  
Alamat : BTN Cempaka Graha Asri G/1. Kendari

## b. Riwayat Pendidikan

SD : SDN 17 Baruga Kendari (2004-2010)  
SMP : SMPN 9 Kendari (2010-2013)  
SMA : SMAN 4 Kendari (2013-2016)  
S1 : Fakultas Kedokteran, Universitas Halu Oleo, Kendari  
(2016-2020)  
S2 : Ilmu Biomedik, Sekolah Pascasarjana, Universitas  
Hasanuddin, Makassar (2023-sekarang)

## c. Riwayat Publikasi