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LAMPIRAN

DOKUMENTASI PENELITIAN

1. Ekstrak Ikan Haruan (*Channa striata*)



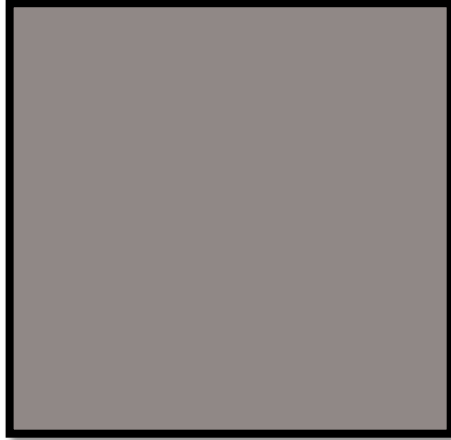
A. Ekstrak daging dan tulang ikan haruan B. Hasil pencampuran kedua ekstrak

2. Perlakuan pada Hewan Coba



Alat dan bahan yang digunakan

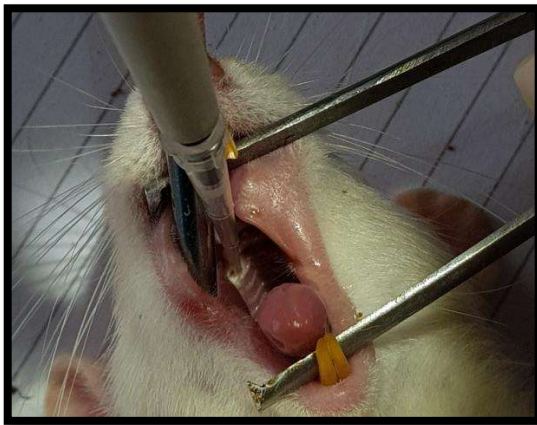




Anastesi hewan coba



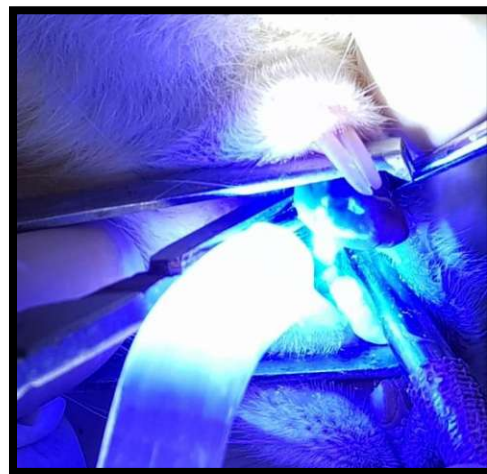
Perforasi atap pulpa



Aplikasi LPS *E coli*



Aplikasi bahan uji



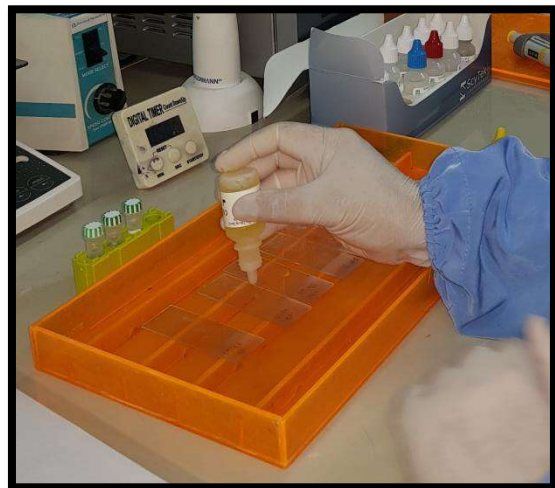
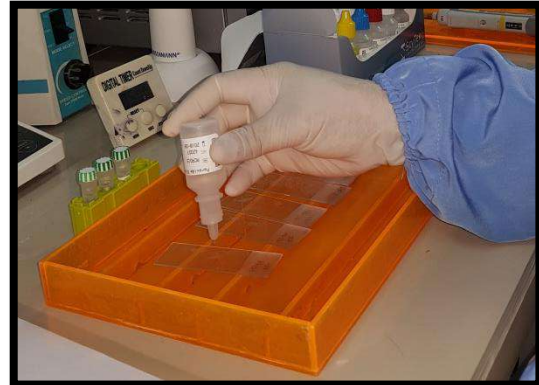
Proses polimerisasi RM-GIC menggunakan *light-curing*



3. Pemeriksaan Patologi Sampel



Pembuatan blok paraffin



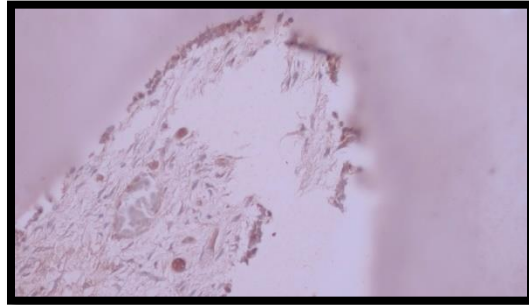
Proses pewarnaan imunohistokimia dan histologi sampel preparat



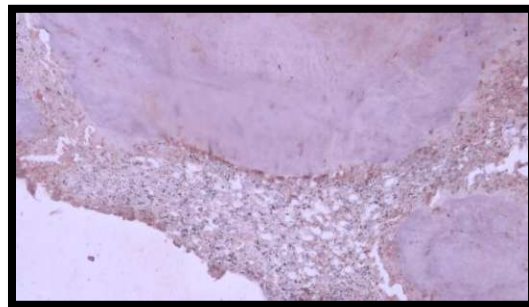
4. Gambar imunohistokimia ekspresi DMP-1 hari ke-3



Kelompok Perlakuan

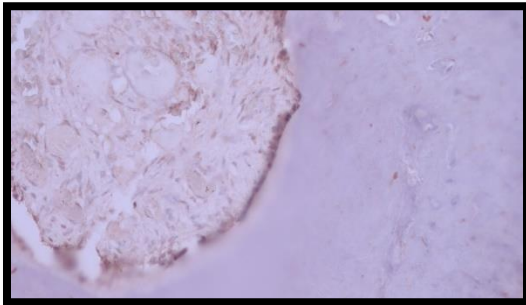


Kelompok Kontrol Positif

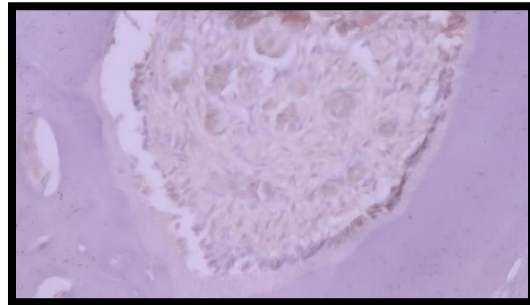


Kelompok kontrol negatif

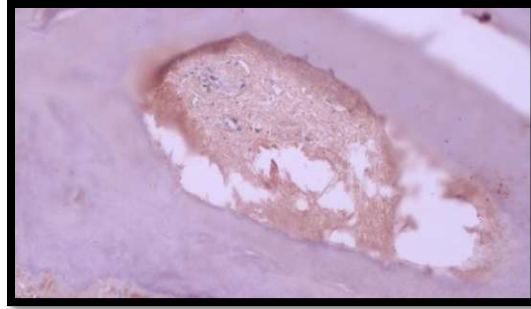
5. Gambar imunohistokimia ekspresi DMP-1 hari ke-7



Kelompok Perlakuan

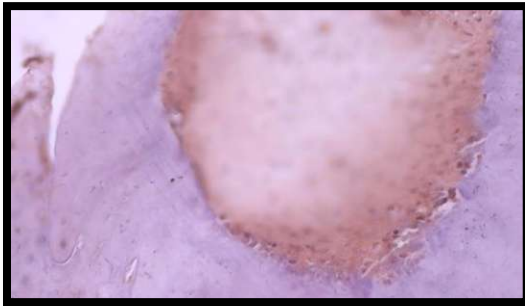


Kelompok Kontrol Positif

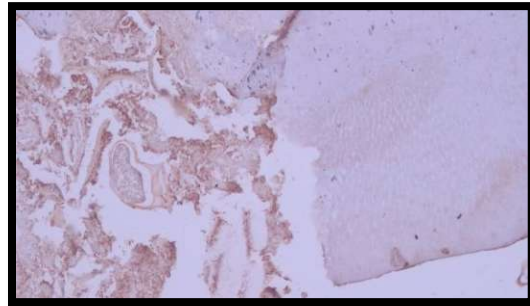


Kelompok kontrol negative

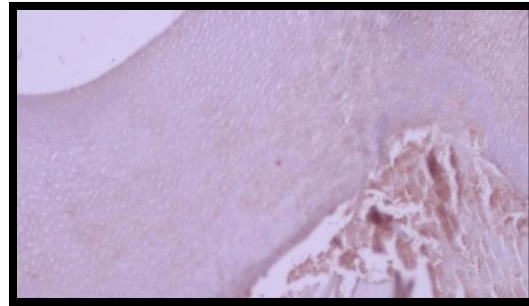
6. Gambar imunohistokimia ekspresi DMP-1 hari ke-14



Kelompok Perlakuan

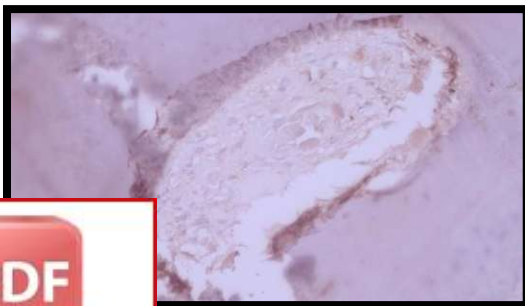


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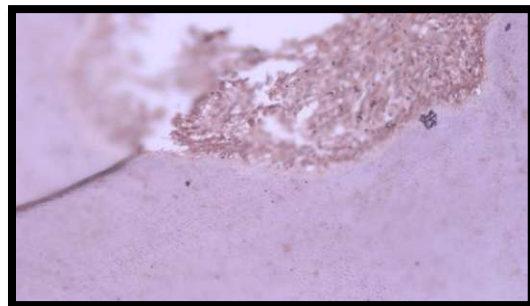


Kelompok kontrol negative

7. Gambar imunohistokimia ekspresi osteocalcin hari ke-3

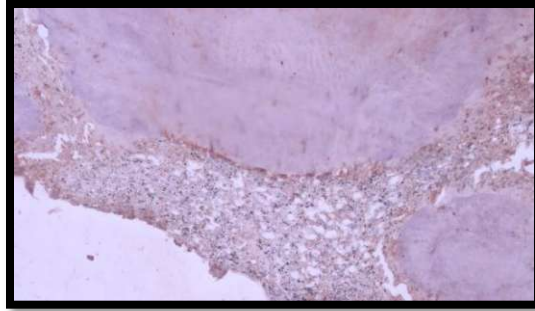


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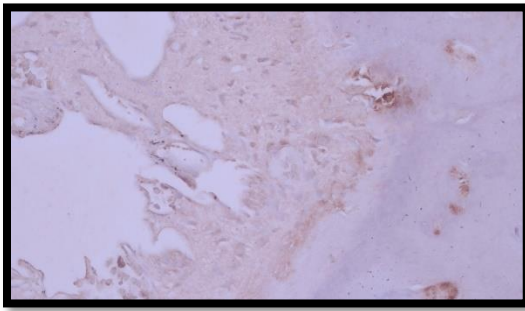
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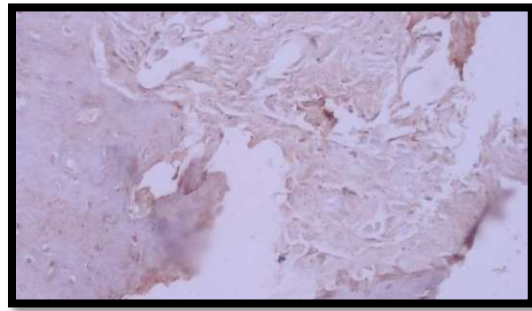


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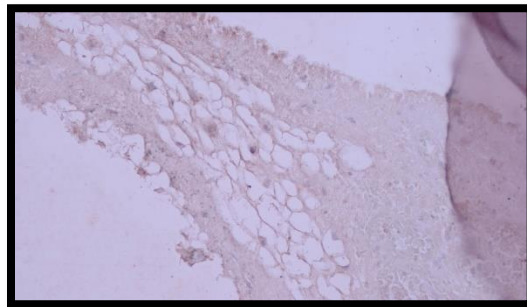
8. Gambar imunohistokimia ekspresi osteocalcin hari ke-7



Kelompok Perlakuan

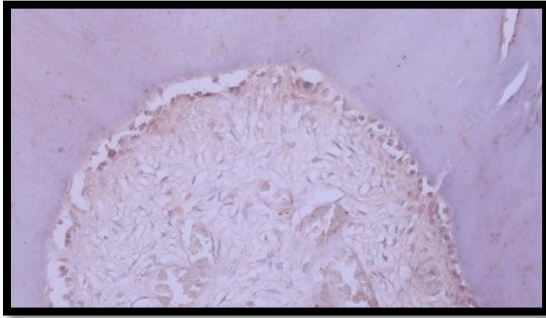


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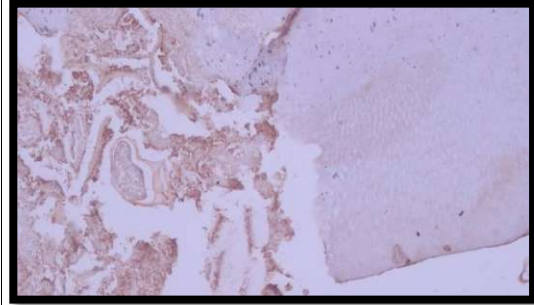


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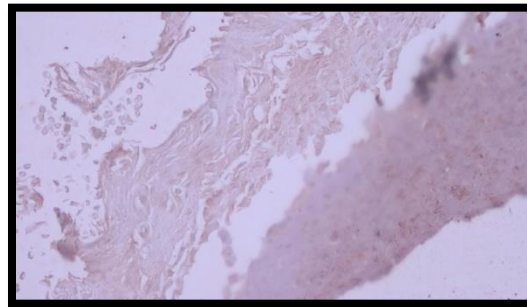
9. Gambar imunohistokimia ekspresi osteocalcin hari ke-14



Kelompok Perlakuan



Kelompok Kontrol Positif



Kelompok kontrol negatif





REKOMENDASI PERSETUJUAN ETIK
 Nomor: 0154/PL.09/KEPK FKG-RSGM UNHAS/2019

Tanggal: 22 Mei 2019

Dengan ini menyatakan bahwa protokol dan dokumen yang berhubungan dengan protokol berikut ini telah mendapatkan persetujuan etik:

No. Protokol	UH 17120160	No Protokol Sponsor	
Peneliti Utama	Drg. Bulkis Thahir	Sponsor	Pribadi
Judul Peneliti	Ekspresi Dentin Matriks Protein-1 dan Osteokalsin setelah Aplikasi Ekstrak Ikan Haruan (Channa Striata) pada Pulpa Gigi Tikus Wistar yang Mengalami Inflamasi		
No. Versi Protokol	1	Tanggal Versi	10 Mei 2019
No. Versi Protokol		Tanggal Versi	
Tempat Penelitian	Laboratorium Biologi Fakultas MIPA UNM, Laboratorium Patologi FK Unhas.		
Dokumen Lain			
Jenis Review	<input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard	Masa Berlaku 22 Mei 2020	Frekuensi Review Lanjutan
Ketua Komisi Etik Penelitian	Nama: Dr. drg. Marhamah M.F.S.	Tanda Tangan	Tanggal
Sekretaris Komisi Etik Penelitian	Nama: drg. Muhammad Ikbal, Sp.Prof	Tanda Tangan	Tanggal

Kewajiban peneliti utama:

- Menyerahkan Amendemen Protokol untuk persetujuan sebelum diimplementasikan
- Menyerahkan laporan SAE ke Komisi Etik dalam 24 jam dan dilengkapi dalam 7 hari dan lapor 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 violation*)

Memenuhi semua aturan yang berlaku.

