

BIBLIOGRAPHY

- Alridiwirsah, Risnawita, & Aisar Novita. (2019). Pemanfaatan Lahan Sempit Dengan Budidaya Jamur Tiram Untuk Memenuhi Kebutuhan Sayuran Panti Asuhan Putera Muhammadiyah Cabang Medan. *Jurnal Hasil Pengabdian Kepada Masyarakat*, 3(2). <https://doi.org/10.30596/jp.v3i2.5766>
- D.A Sari, H. (2013). Teknologi dan Metode Penyimpanan Sebagai Upaya Memperpanjang Shelf Life. *Jurnal Aplikasi Teknologi Pangan*, 2(2). <http://www.jatp.ift.or.id/index.php/jatp/article/view/109/76>
- Djuariah, D. (2007). Uji Daya Hasil dan Kualitas Hasil Tiga Belas Species Jamur Shiitake (*Lentinus edodes* (Berk) Sing) di Dataran Tinggi, Jawa Barat. *Jurnal Ilmiah Ilmu-Ilmu Pertanian*, 4(1). <http://jurnal.ugj.ac.id/index.php/agrijati/article/view/55>
- Eckl, M. R., Biesbroek, S., Veer, P. V., & Geleijnse, J. M. (2021). Replacement of Meat with Non-Meat Protein Sources: A Review of the Drivers and Inhibitors in Developed Countries. *Nutrients*. <https://doi.org/10.3390/nu13103602>
- Ghassani, A. M., & Agustini, R. (2022). Formulationof Flavor Enhancer from Shiitake Mushroom(*Lentinula edodes*)with the Addition of Mackerel Fish (*Scomberomorus commerson*)and Dregs TofuHydrolysates. *Indonesian Journal of Chemical Science*, 11(3). <https://doi.org/10.15294/IJCS.V11I3.55914>
- Irawan, S., & Superni, G. (2013). Karakteristik Migrasi Kemasan dan Peralatan Rumah Tangga Berbasis Polimer. *Jurnal Kimia Dan Kemasan*, 35(2). <https://doi.org/10.24817/jkk.v35i2.1881>

Kanaya, O. N., & M, D. (2021). Studi Etnobotani Sate Padang di Kelurahan Gurun Laweh, Kecamatan Nanggalo, Kota Padang. *Prosiding SEMNAS BIO 2021*. <https://semnas.biologi.fmipa.unp.ac.id/index.php/prosiding/article/view/165/292>

Lumbong, R., Tinangon, R. M., Rotinsulu, M. D., & Kalele, J. a. D. (2017). Sifat Organoleptik Burger Ayam Dengan Metode Memasak Yang Berbeda. *Zootek*, 37(2). <https://doi.org/10.35792/zot.37.2.2017.16000>

Mashadi, & Munawar, A. (2021). Pendampingan Pengembangan Kemasan Produk Bagi UMKM Kota Bogor. *Jurnal Abdimas Dedikasi Kesatuan*, 2(1). <https://doi.org/10.37641/jadkes.v2i1.1402>

Nurzihan, N. C., Setyaningsih, A., & C.S, H. A. (2023). Penyuluhan Tentang Kandungan Abon Jamur Tiram Sebagai Pangan Olahan Kaya Zat Gizi. *Jurnal JPPMI*, 2(1). <https://doi.org/10.55542/jppmi.v2i1.419>

Pranita, M., & Eliska. (2023). Substitusi Tepung Tapioka dan Jamur Tiram Sebagai Pengganti Bahan Karbohidrat Dalam Pembuatan Nugget. *Open Journal Systems*, 17(08). <https://doi.org/10.33578/mbi.v17i8.327>

Rachmawaty, Mu'nisa, A., & Ali, A. (2021). Nugget Jamur sebagai diversifikasi produk olahan jamur tiram (*Pleurotus ostreatus*) sebagai makanan sehat. *SEMINAR NASIONAL HASIL PENGABDIAN 2021*. <http://download.garuda.kemdikbud.go.id/article.php?article=2930472&val=25890&title=Nugget%20Jamur%20sebagai%20diversifikasi%20produk%20olahan%20jamur%20tiram%20Pleurotus%20ostreatus%20sebagai%20makanan%20sehat>

Rahayu, E., Lestariningsih, & Haryuni, N. (2022). Evaluasi Organoleptik Nugget Daging Joper yang Diberi Pakan Menggunakan Tepung Maggot Selama Pemeliharaan. *JSNu : Journal of Science Nusantara*, 2(2). <https://doi.org/10.28926/jsnu.v2i2.302>

Rosmiah, Aminah, I. S., Hawalid, H., & Dasir. (2020). Budidaya Jamur Tiram Putih (*Pluoretus ostreatus*) Sebagai Upaya Perbaikan Gizi dan Meningkatkan Pendapatan Keluarga. *International Journal of Community Engagement*, 1(1). <https://jurnal.um-palembang.ac.id/altifani/article/view/3008>

Salehawati, N. (2019). Faktor-faktor yang Mempengaruhi Keputusan Pembelian Konsumen Terhadap Makanan dari Jamur Tiram di Daerah Istimewa Yogyakarta. *Paradigma Agribisnis*, 2(1). <https://doi.org/10.33603/jpa.v2i1.2232>

Saragih, R. (2015). Nugget Jamur Tiram (*Pleurotus Ostreatus*) Sebagai Alternatif Pangan Sehat Vegetarian. *E-Journal WIDYA Kesehatan Dan Lingkungan*, 1(2). https://d1wqtxts1xzle7.cloudfront.net/69236568/213-Article_Text-607-1-10-20150326-libre.pdf?1631174448=&response-content-disposition=inline%3B+filename%3DNugget_Jamur_Tiram_Pleurotus_Ostreatus_S.pdf&Expires=1692613198&Signature=gqaPDOI1CIEz-U0POKcx6gf70eMf6VbV36N3dSxhn8ay9yeYjPmH1FqvXzr5B9IUw2MtujOs5nwJv5pqFY9bq5hbVKD3IlatjWdGRhvHQ7-EhMa1GbHT2fHM-RUhbXkt02XIV~~SnCf3S2UD4vsEHrQTrhYoXEzZAJfznkalZQzRQ6H-7O1yz0qZ8lvqTNXxm4qQpdTPF-dPFS6sVOZhLYelxjqLiAdRBWJh4Kh6535Ue7lLsJCIC5Zn4L8v34egm8xuC0gr3lFFHzKFK~dkgNpY~OA4dKjToCncYenn4zaCJoD57w3V3mFeF4pcaBDLWmdNWYKbIogfti0fKSYT6A__&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA

Subekti, R., Camellia, F., Rahmawati, A., Damayanti, E., Rajendra Ananta Putra, F., Hegel Siringoringo, J., Firda Sa'adhati, N., Kesait, T., & Nurul Huda, Y. (2022). Inovasi Produk Pangan Berbasis Komoditas Lokal Unggulan Desa

Ngaringan Berupa Produk Nugget Kedelai. *Jurnal Inovasi Dan Pengabdian Kepada Masyarakat*, 02(03). <https://doi.org/10.58218/kreasi.v2i3.237>

Wibowo, N. S. (2023). *EKSPERIMENT BAKSO DENGAN VARIASI JAMUR TIRAM SUBSTITUSI DAGING SAPI* [Bachelor thesis]. STP AMPTA.

Wilmar, M. F. (2020). *Pengaruh Substitusi Eceng Gondok Terhadap Pertumbuhan dan Hasil Jamur Tiram Putih* [Skripsi Thesis]. Universitas Mercu Buana Yogyakarta.

APPENDIX

1. Approved Recipe

✓

Recipe Name	:	VEGETARIAN SATE PADANG
TITLE OF C&D	:	UTILIZATION OF OYSTER MUSHROOM & DRY MUSHROOM FEET AS A REPLACEMENT OF MEAT IN SATE PADANG
Yield	:	1-2 portion
Main Ingredients	:	150 gr oyster mushroom & 100 gr shitake mushroom stalk

MUHSROOM MEAT

Ingredients :

- 150 gr oyster mushroom
- 100 gr shitake mushroom stalk (soaked overnight)
- 1-2 tsp mushroom powder
- ¼ tsp white pepper
- 2 tsp tapioca starch
- ½ tsp garlic powder
- ½ tsp onion powder
- 2 tbsp egg
- 1 segment of turmeric
- 1 segment of ginger
- 5 pcs of candlenut
- 1 segment of galangal

Method :

1. Wash the oyster mushrooms and mushroom stalks
2. Put it in the blender and blend with a little water, do not make it too smooth
3. Strain the blended mushrooms using a cloth filter until no water remains
4. Mix the tapioca starch, all the seasonings and eggs into the mushroom mixture
5. Once homogenous, take 2 tablespoons of dough round then flatten
6. Steam for 15 minutes
7. After that, cut into squares
8. Blend turmeric, ginger, candlenut, galangal
9. Sautee the spices that have been blended until fragrant and add some seasoning
10. Put the meat and stir evenly
11. Last, skewer the meat and grill

SATE PADANG SAUCE

Ingredients :

- 5-10 pcs curly red chili
- 2 pcs candlenut
- 1 segment of turmeric
- 1 segment of ginger
- 1 segment of galangal
- 5 pcs lime leaves
- 1 pcs lemongrass
- 5 pcs bay leaf
- salt
- mushroom powder
- 1-2 tbsp ground peanuts
- cumin
- pepper
- coriander
- star anise
- cloves

Method :

1. Blend chili, candlenut, turmeric and ginger until smooth
2. Grind cumin, pepper, coriander, cloves and star anise into powder
3. Sautee the ground spices, add bay leaves, lime leaves, and galangal until all are wilted and fragrant
4. Add 1 liter of water and wait until it boils
5. Add the powder spices, ground peanuts and some seasoning
6. Thicken the gravy using cornstarch while stirring so it doesn't get lumpy

RECIPE BACKGROUND (50 – 100 WORDS)

Sate padang is a typical food from West Sumatra. Sate padang is different from peanut sauce satay in general, Sate Padang sauce has a distinctive spice flavor and a rather spicy flavour. This food usually contains chicken or beef. Thus, I did research and development so that vegetarians can still enjoy sate padang which tastes not much different from the original sate padang here I try to create a meat texture that is close to real meat, so I use 2 types of mushrooms, namely oyster mushrooms for a fibrous texture and mushroom stalks for a firmness similar to meat. for the sate padang sauce I decided to stick to the original recipe because the sauce does not contain meat, only spices.

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NIM : 2174130010016

1 st Advisor	2 nd Advisor	3 rd Advisor
 Name: Jessica Hartan Date: 27 March 2023	 Name: Heni Achlanata Date: 27 /03 / 2023	 Name: Arya P.S. Date: 27 maret 2023

2. Approved Sensory



CULINARY INNOVATION AND NEW PRODUCT DEVELOPMENT SENSORY TEST

DATE : 17 April 2023
NAME : Jocelyn Youngy
NIM : 2174130010016
PRODUCT : Sate padang vegetarian
ADVISOR : Jessica Hartan, A.Md.Par.

PANELIST	SIGHT	SMELL	TEXTURE	TASTE	TOTAL
Panelist 1	✓	✓	X	X	X
Panelist 2	✓	✓	X	✓	✓
Panelist 3	✓	✓	✓	✓	✓
Panelist 4	✓	✓	✓	✓	✓
Panelist 5	✓	✓	✓	✓	✓
Panelist 6	✓	✓	✓	✓	✓
Panelist 7	✓	✓	X	✓	✓
Panelist 8	✓	✓	✓	✓	✓
Panelist 9	✓	✓	✓	✓	✓
Panelist 10	✓	✓	X	✓	✓

NOTES :

- Texture kurang firm, rasa terlalu asin
- Enak





Akademi Kuliner & Patiseri
OTTIMMO
INTERNASIONAL
CULINARY ART, GOURMET, BAKING & HONEY AKADEMI

**CONSULTATION FORM
CULINARY INNOVATION AND
NEW PRODUCT DEVELOPMENT**

Name : ..Jocelyn Youngy.....
Student Number :
Advisor : ..Jesica Hartan A.M.d. Par.

No	Date	Topic Consultation	Name/ Signature
1.	20/03/23	Product Consultation	
2.	20/03/23	Product Consultation	
3.	21/03/23	Product consultation	 Heni A.
4.	10/04/23	Konsultasi proposal	 Heni A.
5.	24/05/23	Konsultasi PPT sedang proposal	
6.	29/05/23	Konsultasi Rancangan proposal	

No	Date	Topic Consultation	Name/ Signature
7.	12/06/23	Konsultasi Rancangan proposal	
8.	3/07/23	Konsultasi proposal	
9.	5/09/23	Konsultasi proposal	
10.	5/09/23	Konsultasi produk	
11.	6/09/23	Konsultasi proposal	
12.	6/09/23	Konsultasi proposal	

4. Systematic Process Documentation

1. Separate 1/3 of the oyster mushrooms and shred



2. Puree oyster mushrooms and shiitake mushrooms with a blender



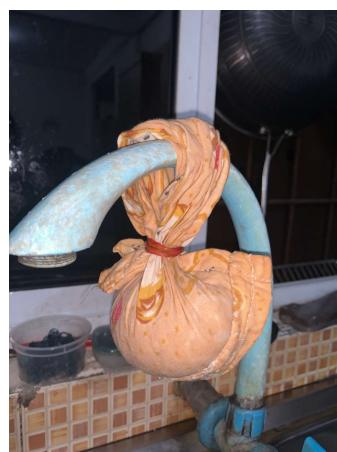
3. Pour the mushroom paste into a cloth filter



4. Squeeze until no water drips



5. Hang and let sit about 8 hours or overnight



6. Mix tapioca flour, egg white and seasonings into the mushroom dough



7. Add shredded oyster mushrooms and mix



8. Take about 1 tablespoon, then form a round and slightly flattened



9. Place in the steamer and steam for 15 minutes



10. Blend turmeric, galangal, ginger and candlenuts



11. Transfer the mushroom meat to a plate and let it cool



12. sauté the spices with mushroom meats



13. Skewered the mushroom meat



13. Grilled with sweet soy sauce and margarine



14. Blend chilli, turmeric, galangal, ginger, and candlenut



15. Sauté the spice with aromatics and add water



16. Thicken with tapioca flour



17. Vegetarian Sate Padang is ready

