## **Staff Handbook**

Name	Prof. Dr. Ir. Tridjoko Wisnu Murti, DEA.			
Post	Dairy Animal Production and Technology			
Academic career	Professor (Prof) Doctorate		Universitas Gadjah Mada Universite de CAEN-INRA Jouy en Josas, France	2013 1993
	DEA		University of Nancy I, France Universitas Gadjah Mada	1991
- , ,	Undergraduate degree			1985
Employment	Professor		Universitas Gadjah Mada	2013-present
	Associate Professor		Universitas Gadjah Mada	2003-2013
	Assistant Professeor		Universitas Gadjah Mada	2001-2003
Research and development projects over the last 5 years	Research projects:			
	1.	The Relationship between Alpha-S1 Casein Variations, Beta and Kappa Variations in Dairy Goats with the Quality Display of Milk and Cheese Products Produced (2020)		
		Resource of funds: Applied Research, PTNBH-Kemenristekdikti		
	2.	Dairy Industry Development Through Diversification of Dairy Products to Improve Food Security and Public Health in the Special Region of Yogyakarta (2020)		
		Resource of funds: Final Project Recognition, UGM		
	3.	Phytochemical Analysis and Antioxidant Activity Tests of Several Animal Feed Legumes (2020)		
		Resource of funds: Thematic Grants for the Laboratory of the Faculty of Animal Science UGM		
	4.	Low Sugar and Fat Milk Processing as a Form of Adoption of A Demand Led Approach Concept: Halal and Thayyib (2017)		
		Resource of funds: CPPBT-Kemenristek Dikti		
	5.		Factors Affecting Fatty Acid ase Study on PE Goat Breed	•
		Resource of fun Science UGM	nds: Thematic Laboratory of the F	aculty of Animal
	6.	Dairy Goats at	acteristics and Evaluation of F the Center for Superior Cattle Feed Baturraden Purwokerto 2016)	e Breeding and
		Resource of t	unds: Thematic Research Gra	ants Laboratory

## Faculty of Animal Science UGM

Community service over the last 5 years:

1. Application of the Fashion Concept in the People's Goat Milk Industry in the Special Region of Yogyakarta (2020)

Resource of funds: Thematic Grant for Laboratory Service Faculty of Animal Science UGM

 Community Service as Halal Auditor for LPPOM MUI DIY, in the context of halal certification at the company "PT. Rocket Chicken Area Central Java 5", Jl. Youth No.29 Pengulon, Kendal, Central Java (2019)

Resource of funds: LPPOM MUI DIY

3. Community Service as Halal Auditor for LPPOM MUI DIY, in the context of halal certification at the company "PT. Rocket Chicken Area Central Java 7", Jl. Menoreh Raya No. 26 Sampangan, Semarang (2019)

Resource of funds: LPPOM MUI DIY

 Community Service as Halal Auditor for LPPOM MUI DIY in the context of halal certification at the company "Bumiku Hijau", Jl. Paden Sari Block III No. 2 Gandok RT 10 / RW 63 Condongcatur, Depok, Sleman (2019)

Resource of funds: LPPOM MUI DIY

5. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification at the company "Makmur Berkat Susu", Panggungsari 175B Sariharjo, Ngaglik, Sleman (2019)

Resource of funds: LPPOM MUI DIY

6. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification at the company "Gudeg Bu Suci", Bogem RT 8 / RW 3 Tamanmartani, Kalasan, Sleman (2019)

Resource of funds: LPPOM MUI DIY

7. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification at the company "Sekar", Ringinsari RT 2 / RW 1 Tamanmartani, Kalasan, Sleman (2019)\

Resource of funds: LPPOM MUI DIY

8. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification for the company "Tofu Bakso Purnama", Caturharjo RT 5 RW 2 Tamanmartani, Kalasan, Sleman (2019)

Resource of funds: LPPOM MUI DIY

9. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification at the company "Misita Dimsum", Jatimalang RT 03/ RW 02 Joho, Mojolaban, Sukoharjo (2019)

Resource of funds: LPPOM MUI DIY

 Community Service as Halal Auditor for LPPOM MUI DIY, in the context of halal certification at the company "Meatballs & Mie Ayam Pak Muslim", Jl. Batara Guru Block 1/01 RT 03 / RW 13 Gentan, Baki, Sukoharjo (2019)

Resource of funds: LPPOM MUI DIY

 Community Service as Halal Auditor for LPPOM MUI DIY, in the context of halal certification at the company "SFA Steak & Resto", Jl. Captain Mulyadi Cangkang, Karanganyar, Central Java (2019)

Resource of funds: LPPOM MUI DIY

12. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification at the company "Solo Steak", Jl. Jaya Wijaya No. 52 Mojosongo, Jebres, Surakarta (2019)

Resource of funds: LPPOM MUI DIY

13. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification for the company "Seven on Seven", Kemirikebo RT 03/RW 08 Girikerto, Turi, Sleman (2019)

Resource of funds: LPPOM MUI DIY

14. Community Service as Halal Auditor of LPPOM MUI DIY, in the context of halal certification for the company "Jackoo Food", Bugisan RT 04/RW 02 Tamanmartani, Kalasan, Sleman (2019)

Resource of funds: LPPOM MUI DIY

 Community Service as Halal Auditor for LPPOM MUI DIY, in the context of halal certification at the company "PT. Bangkit Cassa Mandiri", Jl. Raya Solo-Sragen Km. 8 Tours, Dagen, Jaten, Karanganyar (2019)

Resource of funds: LPPOM MUI DIY

 Community Service as Halal Auditor for LPPOM MUI DIY, in the context of halal certification at the company "PT. Aeroprima", Jl. Cassowary 318 Ngesrep, Ngemplak, Boyolali (2019)

Resource of funds: LPPOM MUI DIY

17. Community Service as Halal Auditor for LPPOM MUI DIY, in the context of halal certification at the company "PT. Dion Farma

Abadi", Jl. Raya Jogja-Solo Km. 18 Kemudo, Prambanan, Klaten (2019)

Resource of funds: LPPOM MUI DIY

18. As Expert Team for 2019 Dairy Cattle Development, Director General of Livestock and Animal Health, Ministry of Agriculture, RI (2019)

Resource of funds: Ministry of Agriculture, RI

 Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "PT. Istana Yoghurt" Kadipolo No. 4 RT 02/RW 35 Sendangtirto, Berbah, Sleman (2019)

Resource of funds: LPPOM MUI DIY

20. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Saniguna", Kemirikebo, Girikerto, Turi, Sleman (2019)

Resource of funds: LPPOM MUI DIY

21. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "UD. Karya Jaya Banyu-Rejo", Buyutan RT 05/RW 04 Banyurejo, Tempel, Sleman (2019)

Resource of funds: LPPOM MUI DIY

22. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "CV. Umskey", Kemirikebo, Girikerto, Turi, Sleman (2019)

Resource of funds: LPPOM MUI DIY

23. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "CV. Prima Anugraha", Krangungan No. 70 RT 03/RW 08 Condong Catur, Sleman (2019)

Resource of funds: LPPOM MUI DIY

24. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Fried Chicken and Cokro Tail Soup", Jl. host. Cokroaminoto No.

161 Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

25. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "CV Agrindo Suprafood", Kretek Kidul RT 02 Jambidan, Banguntapan, Bantul, Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

26. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Lesehan SBTB", Mutihan RT 3 Wirokerten, Banguntapan, Bantul, Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

27. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "RPA Payak Berkah", Payak Wetan, Srimulyo, Piyungan, Bantul, Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

28. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "CV. Al Manar Herbafit", Glondong No. 22 Wirokerten, Banguntapan, Bantul, Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

29. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Giant Somie", Jl. Godean Km. 9 Sidokarto, Godean, Sleman (2019)

Resource of funds: LPPOM MUI DIY

30. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Tofu Sumedang Sutra", Sengkan, Joho 007/059 Condongcatur, Depok, Sleman (2019)

Resource of funds: LPPOM MUI DIY

31. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as

supervision in the context of halal certification at the company Warung Simbah Harjo "Ayam Goreng Mas Mumu", Jl. Mango III Klebengan, Condongcatur, Depok, Sleman (2019)

Resource of funds: LPPOM MUI DIY

32. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Mrs. Lien's" Snack & Cookies, Jl. Anggajaya 2 No. 289 D Gejayan, Condongcatur, Depok, Sleman. (2019)

Resource of funds: LPPOM MUI DIY

33. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Moon Shine Beverage", Ngabean Kulon RT 07/RW 36 Sinduharjo, Ngaglik, Sleman (2019)

Resource of funds: LPPOM MUI DIY

34. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Pempek Champion", Perum. Griya Wisata Blok Nusa Indah No. 12 Sukoharjo, Ngaglik, Sleman (2019)

Resource of funds: LPPOM MUI DIY

35. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Putri Tani Jaya", Tegalan V No. 426 RT 04/RW 11 Sidomoyo, Godean, Sleman (2019)

Resource of funds: LPPOM MUI DIY

36. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Probiotic Production Unit & Starter Culture of Food Study Center UGM", UGM PAU Building, Jl. North Teknika, Barek, Kocoran, Caturtunggal, Depok, Sleman (2019)

Resource of funds: LPPOM MUI DIY

37. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Rizky Catering", Hamlet MJ I/1545 RT 78/RW 17 Gedongkiwo, Mantrijeron, Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

38. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "CV. Volva Indonesia", Jl. Niron Scouts RT 01/RW 20 Pandowoharjo, Sleman (2019)

Resource of funds: LPPOM MUI DIY

39. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "3 Teapots", Ngepas Kidul RT 01/RW 17 Donoharjo, Ngaglik, Sleman (2019)

Resource of funds: LPPOM MUI DIY

40. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Orange Food", Jl. Tajem Perum Taman Orchid D1, Panjen, Wedomartani, Ngemplak, Sleman (2019)

Resource of funds: LPPOM MUI DIY

41. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Pawon", Celeban UH III/500 RT 27/RW 06 Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

42. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Nayo Food", Krekah RT 04 Gilangharjo, Pandak, Bantul (2019)

Resource of funds: LPPOM MUI DIY

43. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Marsha Catering", Pusung Utama II Jl. Kaliuarnag Km 8.5 Banteng Permai RT 05/RW 30 Sinduharjo, Ngaglik, Sleman (2019)

Resource of funds: LPPOM MUI DIY

44. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "PT. Pulchra Anugerah Sentosa", Kunden RT 05 Sendangsari,

Display, Bantul (2019)

Resource of funds: LPPOM MUI DIY

45. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "RPU. Rafa Putra", Sutopadan RT 02 No. 52 DK IV, Cungkuk, Ngestiharjo, Poor, Bantul, DIY (2019)

Resource of funds: LPPOM MUI DIY

46. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "Bakpia Kemusuk 033", Kemusuk Kidul RT 02 Argomulyo, Sedayu, Bantul, Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

47. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at Bakpia and Roti "Kumala 99" company, Jl. Samas Km 22 Celep RT 09 Srigading, Sanden, Bantul (2019)

Resource of funds: LPPOM MUI DIY

48. Community Service as Halal Auditor of LPPOM MUI DIY, through inspection, guidance and counseling activities, as well as supervision in the context of halal certification at the company "PT. Sera Food Indonesia", Dusun Brayut RT 01 RW 28 Pandowoharjo, Sleman, Yogyakarta (2019)

Resource of funds: LPPOM MUI DIY

- 49. Resource Person "National Level Religious Fiqh Tarjih Session, organized by the Tarjih Council and Tajdid Muhammadiyah Central Executive in collaboration with Aceh Muhammadiyah Regional Leadership supported by the Aceh Provincial Government, in Banda Aceh. (2019
  - Resource of funds: Muhammadiyah Central Leadership in collaboration with Aceh Muhammadiyah Regional Leadership
- 50. Guidance on the Implementation of Good Dairy Farming Practice for Dairy Goat Breeders in Turi and Berbah Sleman (2019)
  - Resource of funds: Faculty of Animal Science Universitas Gadjah Mada
- 51. Improving Milk Quality Towards Independent Milk Marketing Efforts in Andini Gotro Group, Tempel, Sleman (2018)

	Descured of funder Thomatic Comics Counts for the Frenth of				
	Resource of funds: Thematic Service Grants for the Faculty of Animal Science UGM				
	<ol> <li>Strengthening Dairy Farmers' Groups Towards A Strong Dairy Agribusiness Concept: Implementation of Good Dairy Practices in Farmers' Groups (2017)</li> </ol>				
	Resource of funds: Thematic Grants from the Faculty of Anima Science UGM				
	<ol> <li>Strengthening Dairy Farmers Groups Towards a Strong Dairy Agribusiness Concept: Strengthening Dairy Cattle Management (2016)</li> </ol>				
	Resource of funds: Thematic Grants from the Faculty of Anima Science UGM				
Industry collaborations					
over the last 5 years					
Patents and	Beternak Kerbau (proprietary rights) 2020 Berkat ASI, Bayi Sehat dan 2020				
proprietary rights	Cerdas(proprietary rights)				
	Ilmu Majnajemen dan Industri Ternak Perah 2020 (proprietary rights)				
	Pangan, Gizi, dan Teknologi Susu 2020				
	(proprietary rights) Paca Panen Susu (proprietary rights) 2020				
Important publications	Total number of publications: 19				
over the last 5 years	Whey Valorisation of Probiotic Fermented Milk (Nur Laili)				
	Ma'rufah*, Trijoko Wisnu Murti, Z Nurhanifah and M Devina,				
	(2022)				
	Publisher: The 9th International Seminar on Tropical Anima Production (ISTAP 2021). Advances in Biological Sciences Research. Atlantic Press. Volume 18. pp 190-193.				
	<ol> <li>Cheese Yield and Texture Acceptance of Probiotic FetReduced Fat Cheese (using Lactobacillus acidophilus, Bifidobacterium longum, and Lactobacillus casei) (Tridjoko Wisnu Murti1*, B. J. Puspitasari1, N. D. Pratiwi1, Y. Aranda1 and M. E. W. Pradana2, (2022)</li> </ol>				
	Publisher: The 9th International Seminar on Tropical Animal Production (ISTAP 2021). Advances in Biological Sciences Research. Atlantic Press. Volume 18. pp 185.189.				
	3. Fermentation of Bovine, Non-Bovine and Vegetable (2021)				
	Publisher: Research Gate. In book: Fermentation - Processes, Benefits and Risks. MDOI. http://dx.doi.org/10.5772/intechopen.96699				
	4. Study of physic and organoleptic of butter developed using milk				

from cow and goat reared in Sleman Regency, Yogyakarta, Indonesia (2020)

Publisher: Journal of the Indonesian Tropical Animal Agriculture, Volume 45(4), 2020: 338-347. ISSN 2087-8273 eISSN 2460-6278

https://ejournal.undip.ac.id/index.php/jitaa/article/view/31775/pdf

5. Lactation Characteristic of Etawah Crossed Breed Goats Under Intensive Management (2020)

Publisher: uletin Peternakan 44 (1): 22-26, February 2020

6. The quality of low fat-fermented goat milk and low fat-fermented cow milk containing probiotic cultures (TW Murti, BT Santoso, A Latif) (2020)

Publisher: IOP Conference Series: Earth and Environmental Science 387 (1), 012132

7. Employee Satisfaction Rate of the Quality of Halal Certification Services in Yogyakarta (2019)

Publisher: Proceedings The 8th ISTAP International Seminar on Tropical Animal Production "Prospects and Challenges for Sustainable Tropical Animal Production Systems", September 23-25, 2019, Yogyakarta, Indonesia. Page 212-215. ISBN: 978-979-1215-37-4. https://istap.ugm.ac.id/ Published by: Faculty of Animal Science Universitas Gadjah Mada

8. Mengidentifikasi Peptida Bioaktif Angiotensin Converting Enzyme-inhibitor (ACEi) from Kasein β Susu Kambing dengan Polimorfismenya Melalui Teknik in Silico (2019)

Publisher: Jurnal Aplikasi Teknologi Pangan 7 (4) 2018: 180-185 ISSN: 2089-7693 https://jatp.ift.or.id/https://jatp.ift.or.id/https://jatp.ift.or.id/https://doi.org/10.17728/jatp.3008. Fakultas Peternakan dan Pertanian, Universitas Diponegoro.

9. Effect of feeding high proportion concentrates containing tofu waste on nutrient consumption, milk production, body condition score and postpartum mating period of dairy goats in Yogyakarta, Indonesia (Suranindyah, Y.Y., Rochijan, Adiarto, Widyobroto, B.P., Astuti, S.D., Murti, T.W.) (2018)

Publisher: Pakistan Journal of Nutrition, 2018, 17(12), pp. 702–708

 Physico-chemical and mineral content of goat milk products in Sleman district of special region of Yogyakarta, Indonesia (Tridjoko W. Murti, G.R.T.Wijakangka, G.M.Wisudanto and W.T.Nugraha) (2018)

- Publisher: Proceedings of the 4th International Asian-Australasian Dairy Goat Conference, 308-315
- Evaluation of Feeding High Proportion Concentrates Containing Tofu Waste on Nutrient Consumption, Milk Production and Body Condition Score of Dairy Goat in Smallholder of Yogyakarta (2018)
  - Publisher: Book of Abstract: The International Food Science and Agrotechnology Conference 2018 (IFOSAC), 7-9 Agustus 2018, Terengganu, Malaysia. pp.56
- 12. Physico-Chemical and Mineral Content of Goat Milk Products in Sleman District of Special Region of Yogyakarta, Indonesia (2018)
  - Publisher: E-Proceedings 18th AAAP Congress 2018, 1-5 Aug. 2018, Kuching, Malaysia. pp. 365
- 13. Halal Life Style and Global Trade 2017 The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 33-39. ISBN: 978-979-1215-29-9
- 14. Optimization of Protein Isolation Technique on Pig Hair (2017)
  Publisher: The 7th International Seminar on Tropical Animal Production (ISTAP), September 12-14, 2017, Yogyakarta, Indonesia. Pages: 921-926. ISBN: 978-979-1215-29-9
- 15. Effects of bentonite inclusion in naturally aflatoxin contaminated diet on aflatoxin excretion and milk production of Indonesian Friesian Holstein (2017)
  - Publisher: Italian Journal of Animal Science 2017; volume 16: supplement 1. Page: 135. ISSN: 1594-4077 eISSN: 1828-051X. http://tandfon.line.com/tjas. Publisher: Taylor & Francis Group.
- 16. Respon Koefisien Toleransi Panas Kambing Perah Saanen terhadap Indeks Suhu dan Kelembaban Lingkungan pada Manajemen Pemeliharaan di BBPTU-HPT Baturraden (Author 5 from 7) (2016)
  - Publisher: Prosiding Simposium Nasional Penelitian dan Pengembangan Peternakan Tropik Tahun 2016. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. ISBN: 978-979-1215-28-2, hal: 215
- 17. Development of Fermented Mare's Milk Using Mixed Probiotic Cultures (Author 1 from 6) (2016)
  - Publisher: Media Peternakan Volume 39, Issue 1, 2016, pages: 9-13

	18. Mastitis Infection at Farmers and Its Impact on Milk Production and Quality (2016)
	Publisher: Diskusi Panel Hasil-Hasil Penelitian Terkait dengan Deteksi Mastitis dan Penggunaan Tanaman Untuk Obat Mastitis. Fakultas Peternakan UGM, Yogyakarta, 28 September 2016
	<ol> <li>Value-Added of Processed Fresh Milk and Hygiene Behavior on Pavement Milk Trader and Milk Café in Yogyakarta Indonesia (Author 4 from 4) (2016)</li> </ol>
	Publisher: Journal of Advanced Agricultural Technologies Vol. 3 (2) (June 2016) pages: 110-113. ISSN: 2373-423X
Activities in specialist bodies over the last 5 years	-