

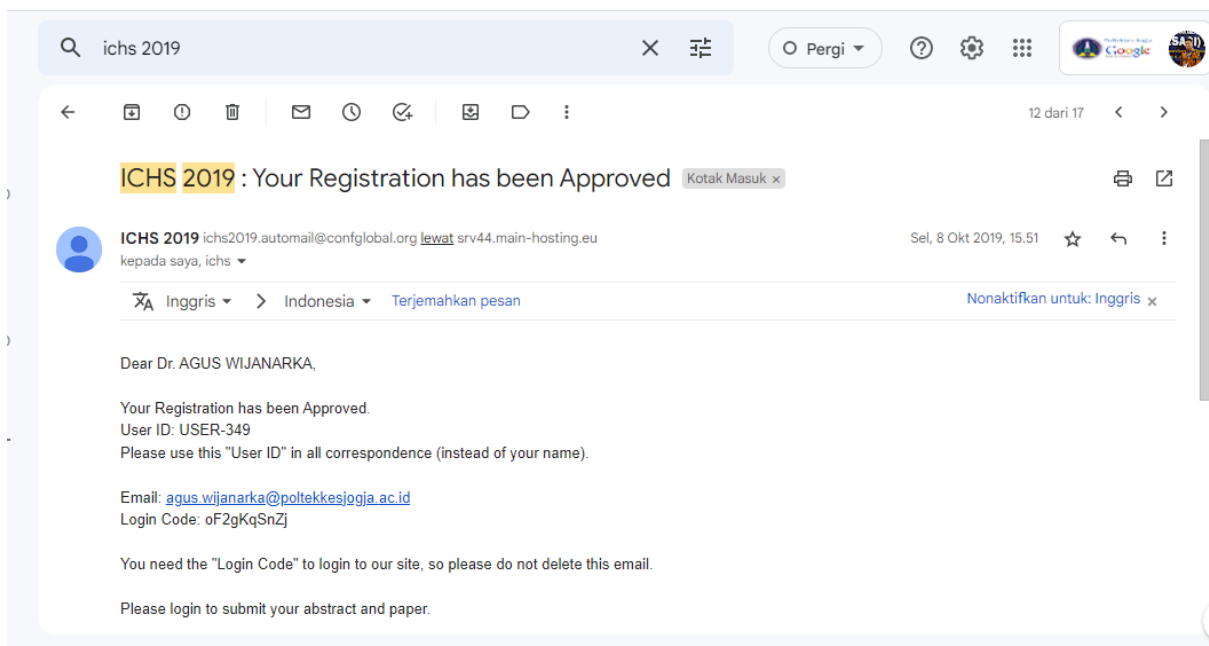
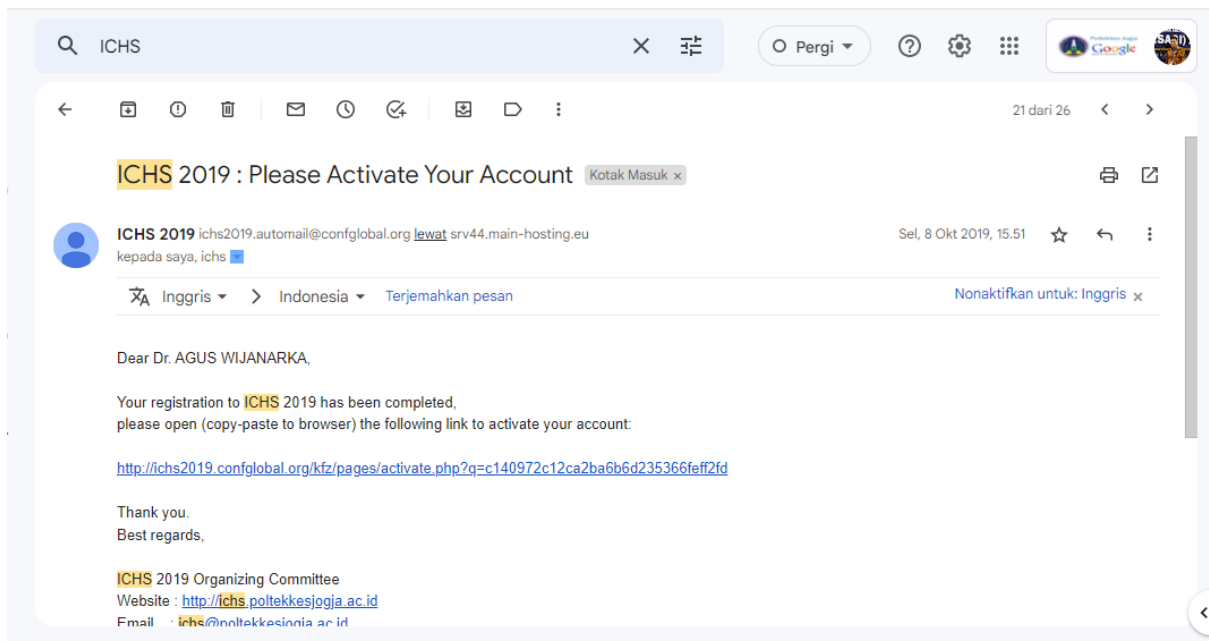
BUKTI KORESPONDENSI PUBLIKASI PAPER

NAMA PENULIS:	Agus Wijanarka, Noor Tifauzah, Wiwik Wijaningsih
JUDUL:	Antidiabetic Potential of Modified Gayam (<i>Inocarpus Fagifer</i> Forst.) Starch in Diabetic Rats STZ-NA Induced
NAMA JURNAL:	Pakistan Journal of Medical and Health Sciences (PJMHS), Volume Jurnal: 14, Nomor Jurnal: 2, Tahun Terbit Jurnal: 2020, Halaman: 1474-1478, ISSN: 19967195, Penerbit: Departement of Surgery, Mayo Hospital
KETERANGAN	Artikel ini merupakan naskah terpilih dari hasil seleksi <i>oral presentation</i> pada The 6 th International Conference on Health Sciences (ICHS) Tahun 2019 yang diselenggarakan oleh Poltekkes Kemenkes Yogyakarta pada tanggal 12-13 Oktober 2019 di Yogyakarta.

NO	TAHAPAN	BUKTI DOKUMEN
1	Pendaftaran sebagai Peserta The 6 th ICHS Tahun 2019	Lampiran 1.
2	Pengiriman Abstrak The 6 th ICHS Tahun 2019	Lampiran 2.
3	Pemberitahuan penerimaan hasil seleksi abstrak manuskrip/artikel yang dipresentasikan dari Panitia The 6 th ICHS Tahun 2019	Lampiran 3.
4	Jadwal Pelaksanaan <i>Oral Presentation</i> THE 6 th ICHS 2019	Lampiran 4.
5	Pemberitahuan hasil seleksi artikel yang akan dipublikasikan pada jurnal internasional	Lampiran 5.
6	pemberitahuan pembayaran biaya publikasi pada jurnal internasional (PJMS)	Lampiran 6.
7	Bukti pembayaran biaya publikasi pada jurnal internasional (PJMS)	Lampiran 7.

LAMPIRAN 1.

PENDAFATARAN SEBAGAI PESERTA The 6th ICHS 2019



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**INTERNATIONAL CONFERENCE
ON HEALTH SCIENCE**

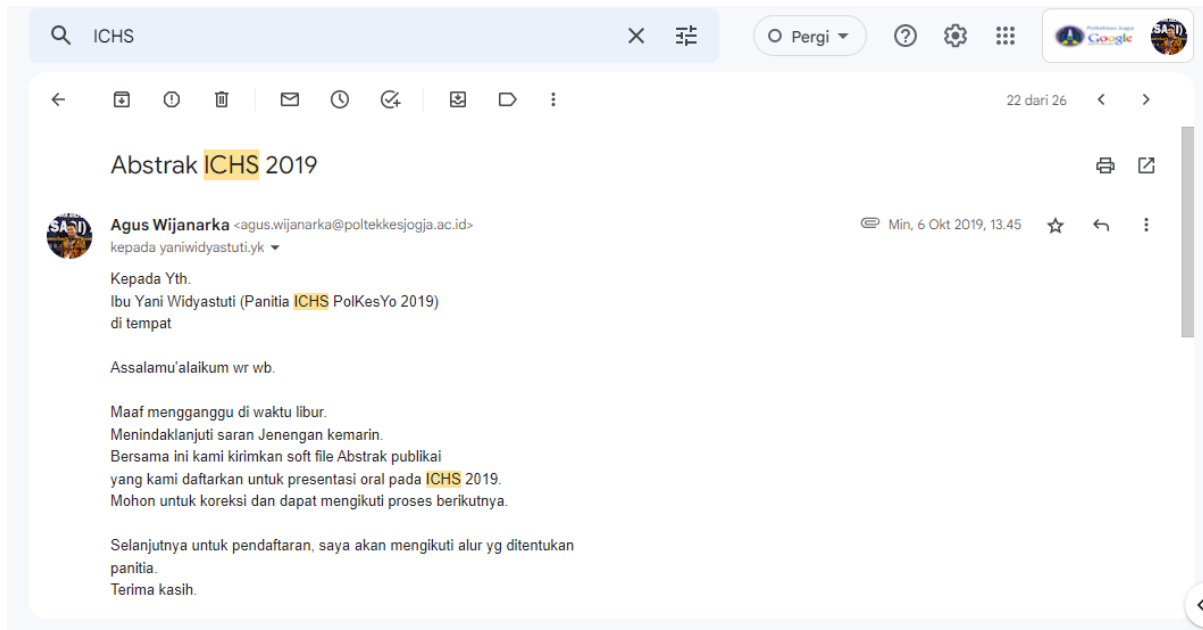
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LAMPIRAN 2. PENGIRIMAN ABSTRAK MANUSKRIP/ARTIKEL



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61	NUTRITION AND FOOD SAFETY	ABS-58
<p>ANTIDIABETICPOTENTIAL OF MODIFIED GAYAM (INOCARFUS FAGIFER FORST.) STARCH AGAINST DIABETIC RATS STZ-NA INDUCED</p> <p><i>Agus Wijanarka, Noor Tifauzah, Wiwik Wijaningsih</i></p> <p>POLTEKKES KEMENKES YOGYAKARTA</p>		

Abstract

ABSTRACT

Gayam seed is one of the native plant of Indonesia, has a high amylose content and is a good source of resistant starch (RS). The autoclaving-cooling cycle treatment is the physical modification to increase RS of starch. Resistant starch has a positive impact on health, such as preventing the increase in blood glucose levels significantly. The high resistant starch in gayam starch is needed for prevention of diabetes mellitus. This study aims to evaluate the antidiabetic properties (blood glucose and SCFA levels) of modified gayam starch *in vivo*. The modified gayam starch were prepared by autoclaving-cooling 3 cycles. *In vivo* studies was prepared as isocaloric feed for three groups of diabetic Sprague Dawley rats induced streptozotocin-nicotinamide (STZ-NA) i.e (a) standar diet AIN 93 M (Control), (b) native gayam starch diet (NGS), and (c) modified gayam starch by autoclaving-cooling for three cycles diet (MGS). evaluation the *in vivo* effects on blood glucose and SCFA levels. The results showed the autoclaving-cooling cycle treatment increased several chemical properties i.e. moisture, carbohydrate and amilopectin content, but its decreased fat, starch and amylose content. *In vivo* studies in 28 days experiments showed that the intervention of modified gayam starch decreased blood glucose and increased SCFA content, were more significant in MGS than NGS diet. It was concluded that the intervention of modified gayam starch decreased blood glucose and increased SCFA content, were more significant in MGS than NGS diet.

Keywords: gayam, modified starch, autoclaving-cooling cycles, antidiabetic, *in vivo*

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LAMPIRAN 3.

PEMBERITAHUAN PENERIMAAN HASIL SELEKSI ABSTRAK MANUSKRIP/ARTIKEL YANG DIPRESENTASIKAN



ICHS 2019

THE 6TH INTERNATIONAL CONFERENCE ON HEALTH SCIENCES
HOTEL ROYAL AMBARUKMO YOGYAKARTA, 12-13 October 2019
Website: <http://ichs.poltekkesjogja.ac.id>
Email: ichs@poltekkesjogja.ac.id

Date: 9 October 2019

Letter of Acceptance for Abstract

Dear Authors: Agus Wijanarka, Noor Tifauzah, Wiwik Wijaningsih

We are pleased to inform you that your abstract (ABS-58, Oral Presentation), entitled:

**"ANTIDIABETIC POTENTIAL OF MODIFIED GAYAM (INOCARFUS FAGIFER FORST.)
STARCH AGAINST DIABETIC RATS STZ-NA INDUCED"**

has been reviewed and accepted to be presented at ICHS 2019 conference to be held on 12-13 October 2019 in Yogyakarta, Indonesia.

Please submit your full paper and make the payment for registration fee before the deadlines, visit our website for more information.

Thank You.

Best regards,

A handwritten signature in black ink, appearing to read "Heru Subaris Kasjono".
Heru Subaris Kasjono

Dr. HERU SUBARIS KASJONO, S.KM., M.Kes
ICHS 2019 Chairperson



ICHS 2019

THE 6TH INTERNATIONAL CONFERENCE ON HEALTH SCIENCES
HOTEL ROYAL AMBARUKMO YOGYAKARTA, 12-13 October 2019

Website: <http://ichs.poltekkesjogja.ac.id>

Email: ichs@poltekkesjogja.ac.id

Date: 9 October 2019

Letter of Invitation

Dear Authors: Agus Wijanarka, Noor Tifauzah, Wiwik Wijaningsih

We are pleased to inform you that your abstract (ABS-58, Oral Presentation), entitled:

**"ANTIDIABETICPOTENTIAL OF MODIFIED GAYAM (INOCARFUS FAGIFER FORST.)
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has been reviewed and accepted to be presented at ICHS 2019 conference to be held on 12-13 October 2019 in Yogyakarta, Indonesia.

We cordially invite you to attend our conference and present your research described in the abstract.

Please submit your full paper and make the payment for registration fee before the deadlines, visit our website for more information.

Thank You.

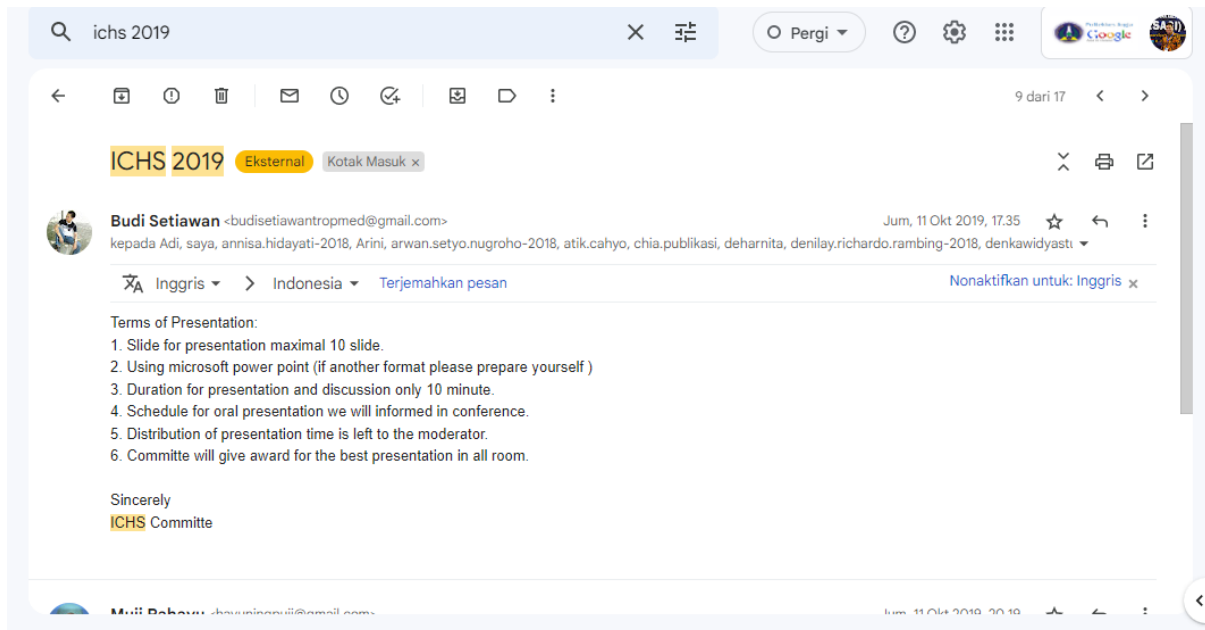
Best regards,

A handwritten signature in black ink, appearing to read "Heru Subaris Kasjono".
Heru Subaris Kasjono

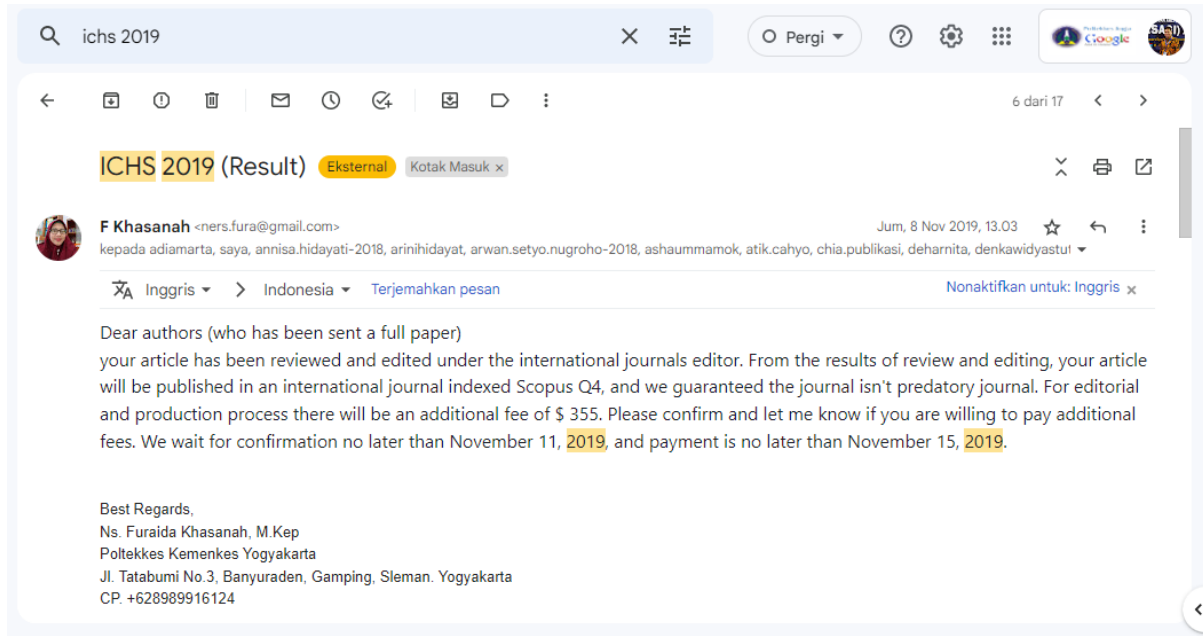
Dr. HERU SUBARIS KASJONO, S.KM., M.Kes
ICHS 2019 Chairperson

LAMPIRAN 4.

JADWAL PELAKSANAAN ORAL PRESENTATION THE 6th ICHS 2019

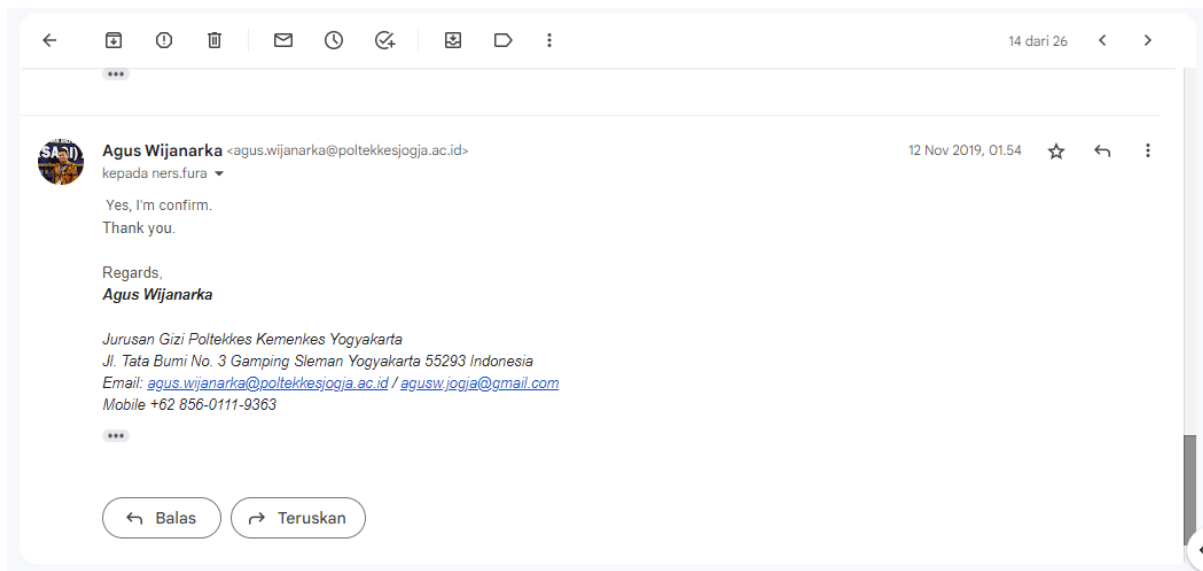
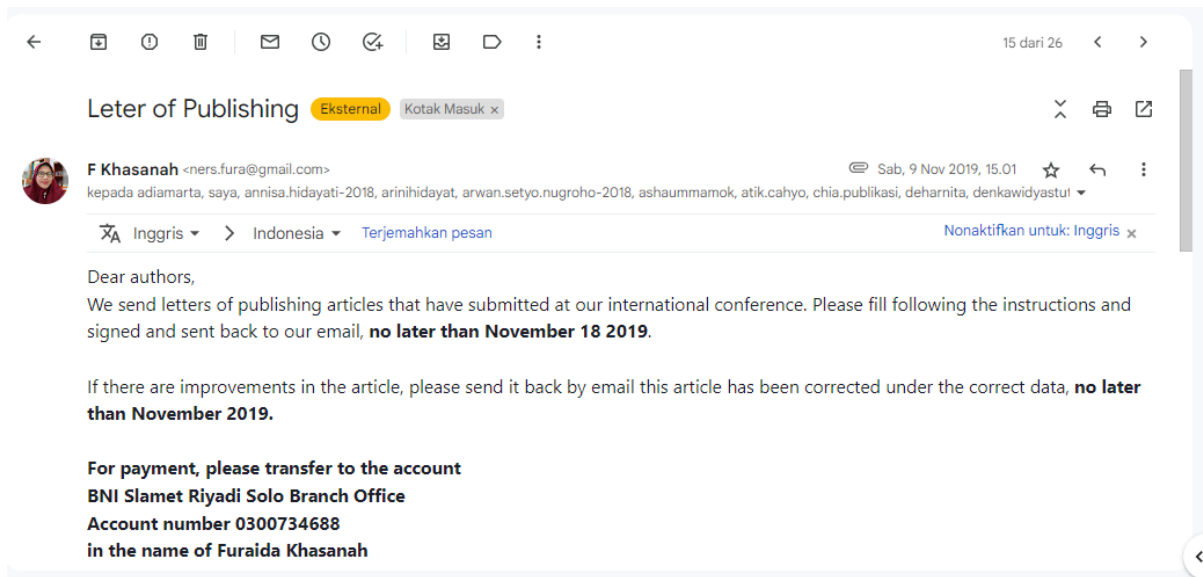


LAMPIRAN 5. PEMBERITAHUAN HASIL SELEKSI ARTIKEL YANG AKAN DIPUBLIKASIKAN PADA JURNAL INTERNASIONAL



LAMPIRAN 6.

PEMBERITAHUAN PENGIRIMAN NASKAH/ARTIKEL YANG AKAN DIPUBLIKASIKAN DALAM JURNAL INTERNASIONAL



LETTER OF PUBLISHING

Dear the Committee of the 6th International Conference on Health Science, Poltekkes Kemenkes Yogyakarta

I (Agus Wijanarka, Poltekkes Kemenkes Yogyakarta) am submitting this manuscript on behalf of myself and my co-authors (who have all signed this letter in agreement to all the statements below for this submission).

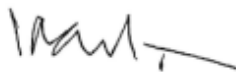
We hereby submit the manuscript titled **"Antidiabetic Potential of Modified Gayam (Inocarpus Fagifer Forst.) Starch in Diabetic Rats STZ-NA Induced"** for publication in **Pakistan Journal of Medical and Health Sciences (PJMHS)** from ICHS Conference. We (all co-authors, who must sign this letter) declare that this manuscript is original, is not published, in the press, or submitted elsewhere in English or any other language and is not currently being considered for publication elsewhere. We (all co-authors, who must sign this letter) also confirm that all the research meets the ethical guidelines, including adherence to the legal requirements of the study country.

We (all co-authors, who must sign this letter) confirm that the manuscript has been read and approved by ALL named authors and that there are no other persons who satisfied the criteria for authorship (as below). We (all co-authors, who must sign this letter) also confirm that all have approved the order of authors listed in the manuscript of the authors.

We (all co-authors, who must sign this letter) also confirm that we understand that the corresponding author Agus Wijanarka (agus.wijanarka@poltekkesjogja.ac.id) is the sole contact for the Editorial process (including Editorial Manager and direct communications with the office). He / She is responsible for communicating with the other authors about progress, submissions of revisions and final approval of proofs. **We confirm that we have provided a current, correct email address which is accessible by the Corresponding Author and will inform ICHS Committee of any change.**

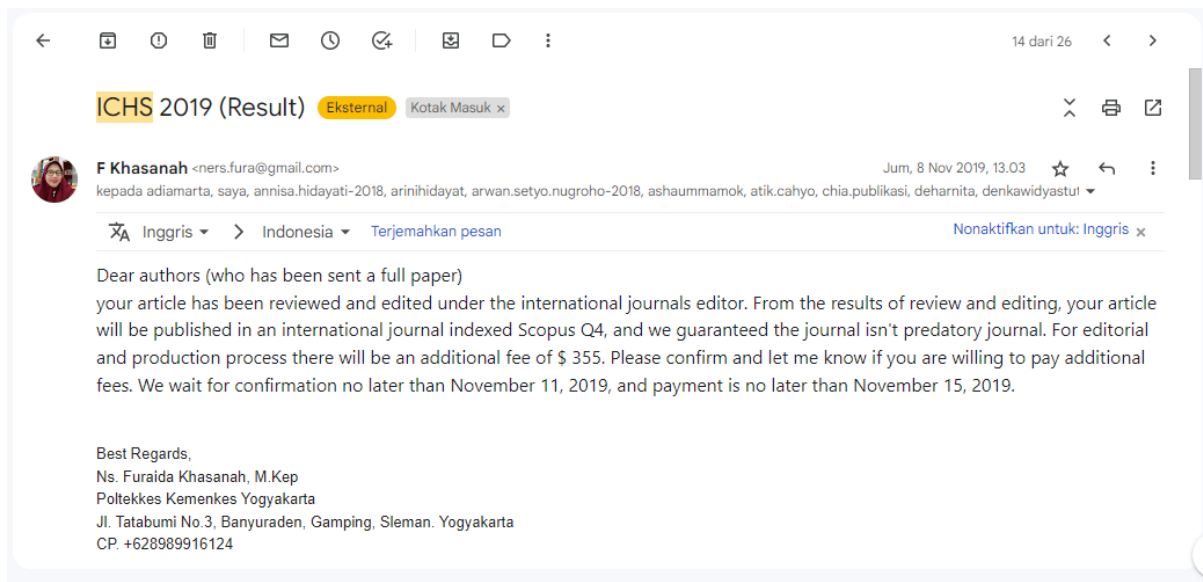
We (all co-authors, who must sign this letter) also agree that after the article has submitted to the journal, indexing to Scopus is the absolute editor of the journal. And is not the responsibility of the committee anymore.

Yours sincerely,



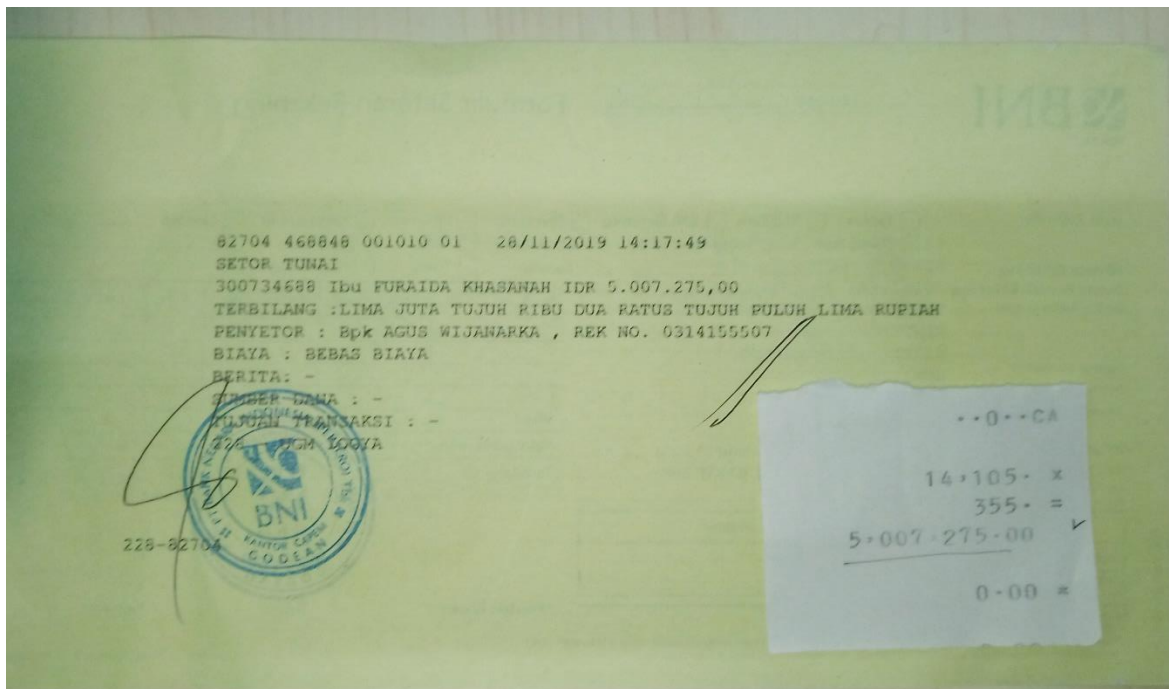
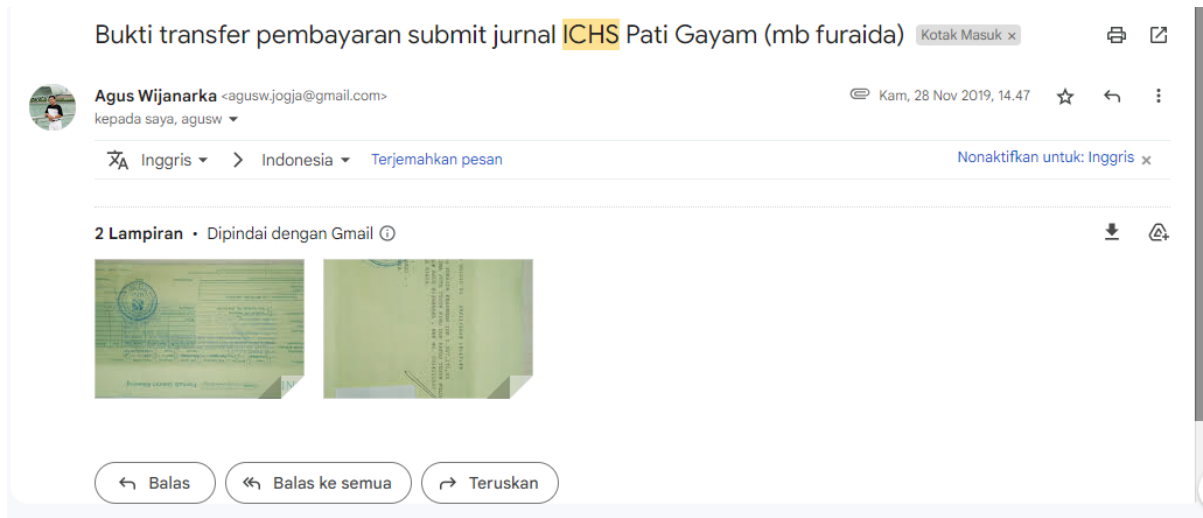
Agus Wijanarka

LAMPIRAN 6. PEMBERITAHUAN PEMBAYARAN BIAYA PUBLIKASI PADA JURNAL INTERNASIONAL (PJMS)



LAMPIRAN 7.

BUKTI PEMBAYARAN BIAYA PUBLIKASI PADA JURNAL INTERNASIONAL (PJMS)





No.: XI / ICHS / 006 / 2019

KWITANSI/BUKTI PEMBAYARAN

Sudah Diterima Dari : Dr. Agus Wijanarka, S.SiT, M.Kes
Jumlah Uang : Rp. 4.990.000,00
Terbilang : Empat Juta Sembilan Ratus Sembilan Puluh Ribu Rupiah
Guna Pembayaran : Penerbitan Dalam Jurnal Internasional yang Diindeks Scopus Q4 Tahun 2019
Nama Artikel : Antidiabetic Potential Of Modified Gayam (*Inocarpus Fagifer* Forst.) Starch In Diabetic Rats STZ-NA Induced
Nama Jurnal : Pakistan Journal of Medical and Health Sciences

Yogyakarta, 2019

Yang menerima,



Dear authors,

It's my pleasure to inform you that, after the peer review, your paper,

Antidiabetic Potential Of Modified Gayam (*Inocarpus Fagifer* Forst.) Starch In Diabetic Rats STZ-NA Induced

Authors: Agus Wijanarka, Noor Tifauzah, Wiwik Wijaningsih

has been ACCEPTED in International Conference on Health Sciences to publish with International Journal.

Sincerely,

Dr. Heru Subalis Pasjono, SKM., M.Kes,

Tuesday, January 10, 2019

