

REPUBLIQUE DU CAMEROUN

Paix – Travail – Patrie

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UNIVERSITE DE DSCHANG
Faculté de Médecine et des
Sciences Pharmaceutiques
Courrier arrivé le 07 JAN 2026
Enregistré sous le N° 014/26

REPUBLIC OF CHINA

Peace – Work – Fatherland

GANNAN MEDICAL UNIVERSITY
School of Pharmacy

CHANCELLERY

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Dschang, the 06 JAN 2026

RADIO/ PRESS ANNOUNCEMENT

The Joint Master in Microbiology and Parasitology with Gannan Medical University, China at the Faculty of Medicine and Pharmaceutical Sciences in Cameroon

The Rector of the University of Dschang informs the public that during the 2025/2026 academic year, recruitment of **06 Master students** is opened into the first year of the 3-year Master program in **Microbiology and Parasitology** at the Faculty of Medicine and Pharmaceutical Sciences. The 3-year Joint Master program in *Microbiology and Parasitology* with Gannan Medical University, China hosted by the University of Dschang. Within the framework of this project, the Vice-Chancellor of the University of Dschang invites applications from highly motivated and dedicated among the previous selected master students in clinical biology and public health following the announcement N06989/UDS/R/VR-EPTIC/DAAC/FMSP.

N°	Speciality	Duration of training	Number of positions	Tuition fees: Internal/external candidates
1	Master in Microbiology and Parasitology (antiparasitic and antimicrobial activities of Traditional Medicine Resources in Asia and Africa)	3 years (one (01) year in Cameroon (University of Dschang) and two (02) years in China (Gannan Medical University).	06	<ul style="list-style-type: none">- 550.000 Franc CFA for the first year at FMSP/UDS;- 18000 CNY/year (8000 CNY will be supported by scholarship/year at GMU and 10 000 CNY ≈ 780.000 Franc CFA will be self funded).

Master Project's Description in Microbiology and Parasitology

Malaria, helminthiasis, and Bacterial infections, remain major public health challenges in many countries across Asia and Africa, contributing to high morbidity, mortality, and socio-economic burden. Folk medicine resources including medicinal plants, fungi, and other natural products have long been used by local communities to prevent and treat these infections. These resources are a rich source of bioactive compounds with potential antimicrobial and antiparasitic activities, yet their efficacy, safety, and mechanisms of action remain largely unexplored. The **main objective of this project** is to evidence the antibiotic resistance of parasite and bacteria as well as to investigate the antiparasitic and antimicrobial activities of folk medicine resources and elucidate their resistance mechanisms and active compounds against Bacterial AMR, resistance *Plasmodium* species, or helminths. The study will involve ethnobotanical surveys to identify widely used remedies, collection and preparation of extracts, and evaluation of their activity through in vitro and in vivo assays.



Chemical characterization of active compounds will be conducted, alongside mechanistic studies and safety assessments, to identify candidates suitable for further therapeutic development. By integrating traditional knowledge with modern scientific approaches, this project aims to design and develop novel drug, effective, and safe natural compounds for the prevention and treatment of bacterial infections, malaria, and helminthiasis in endemic regions. The findings will provide a scientific basis for the rational use of folk medicine resources and contribute to evidence-based strategies for combating infectious diseases.

KEYWORDS: Resistance of bacteria and plasmodium, Traditional medicine, *Plasmodium*, Helminths, Bacteria, Antimicrobial activity, Antiparasitic activity, Medicinal plants.

1. Eligibility Criteria

Master program in Microbiology and parasitology: A Bachelor degree in Biomedical Sciences, in Medical Laboratory Sciences, in Biochemistry, in Animal Biology, or in Immunology, A Diploma in Medico-Sanitary Engineer, a Doctorate degree in Medicine, Pharmacy or Veterinary Medicine.

What does Gannan Medical University offer?

- You will be fully registered at UD and GMU for the entire duration of your degree and stay at GMU for at least 2 years (primarily for experimental work or clinical training).
- GMU will provide a scholarship of 8000 CNY per year to cover part of your tuition fees (18000 CNY/year) and of 4,000 CNY per year to cover accommodation at GMU.
- The traveling fees is self-funded, as well as approximately 400 CNY (≈32000 Franc CFA) for the visa fee, 800 CNY (≈64000 Franc CFA) for the insurance fee, and 300 CNY (≈24000 Franc CFA) for the medical examination fee every year in China. Living expenditure and other miscellaneous fee will be self-funded.
- The flight ticket will be self-funded by the candidate.

2. Master Supervision Team

- Prof. Simeon Pierre Choukem, University of Dschang, Republic of Cameroon;
- Prof. Fuyou Zhong, Gannan Medical University, Republic of China;
- Prof. Haibo Hu, Gannan Medical University, Republic of China;
- Prof. Hao Huang, Gannan Medical University, Republic of China;
- Prof. Noubom Michel, University of Dschang, Republic of Cameroon;
- Prof. Kemta Fernando, University of Dschang, Republic of Cameroon;
- Dr. Yamssi Cedric, University of Bamenda, Republic of Cameroon;
- Dr. Founou Zangue Raspail Carrel, University of Dschang, Republic of Cameroon;
- Dr. Noumedem Anangmo Christelle N, University of Dschang, Republic of Cameroon;
- Dr. Noumedem Kenfack Jaures, University of Dschang, Republic of Cameroon;
- Dr. Simeni Njonnou Sylvain Raoul, University of Dschang, Republic of Cameroon;
- Dr. Ngongang Ouankou Christian, University of Dschang, Republic of Cameroon;
- Dr. Noukeu diomède, University of Dschang, Republic of Cameroon;

3. Application Procedure and Supporting Documents.

Registration is done online and documents should be submitted at the admission office of the FMPS at the University of Dschang (Main campus building) during working hours.

Cameroonians and foreigners can apply if they are holders of any of the following:

The application file includes the following:

1. An application form downloaded and printed during the online pre-registration on the university website: www.univ-dschang.org or on the platform <http://sigesonline.univ-dschang.org>;
2. A certified copy of birth certificate;
3. A certificate of non-conviction;
4. A certified copy of the Baccalaureate or GCE or any equivalent diploma;
5. A certified photocopy of the diploma giving access to the applied Master's degree;
6. Certified copies of transcripts of university academic years;
7. A detailed curriculum vitae;
8. A certificate of employment, if applicable, signed by the employer;
9. A medical certificate delivered by a medical doctor from a public health institution;
10. 04 color passport size photographs (4x4) with name and surname written overleaf;
11. A letter of motivation addressed to the Dean of the FMPS indicating the professional project of the candidate (01 page maximum);
12. A letter of commitment on honour addressed to the dean mentioning systematic attendance at all lectures during the two academic years;
13. The receipt for payment of the amount of 20,000 CFA (non-refundable) representing the application fees. This amount is payable upon presentation of a downloaded payment slip, at the authorized financial institution chosen during the online application procedure;
14. A stamped envelope bearing the address of the candidate.
15. English proficiency certificate (or proof of fluent English communication, certificate of Bilingualism)
16. Two recommendation letters from lecturers or professors

4. Deadline and Selection Procedure

- Deadline for submission of documents: **Two weeks after the signature of this document**
- Candidates will be interviewed at the main building of the FMSP according to the following schedule (first interview) and online interview by GMU (second interview)
- After submitting your applications at the admission office (Scolarité), please scan and send the complete file in a single PDF file *via* email to Dr Noumedem Anangmo Christelle Nadia (nadia.noumedem@univ-dschang.org and noums11@yahoo.fr), with a carbon copy to Pr Haibo Hu (hbb2017@gmu.edu.cn).

Copies :

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THE VICE-CHANCELLOR

Prof. Roger TSAFACK NANFOSSO