

SCIENCES & TECHNOLOGICAL INNOVATIONS BULLETIN



NATIONAL SCIENTIFIC COUNCIL



**Marie-Thérèse SOMBO equips
Scientific Research and
Innovation with service
vehicles**

**Jeanini MASENGU KONGOLO: I have
developed an intelligent remote monitoring
system for the electrical grid.**

What is the gut microbiota?

**Marie-Thérèse SOMBO publishes
Academic Instruction No. 27 for the
2025-2026 academic year in the DRC**

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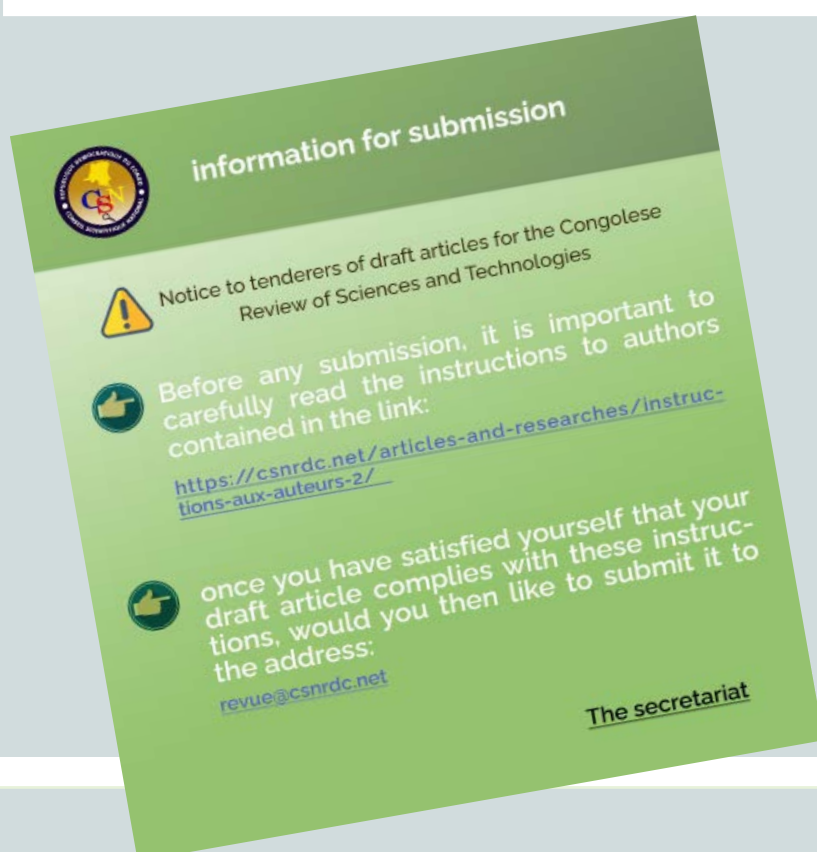
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Beyond the workbench

For many, the temple of knowledge is the laboratory: that orderly, enclosed space where scientific rigor is measured by the cleanliness of the workbench and the precision of the instruments. While this is true, it is also undeniable that a nation's ambition cannot be satisfied by confined research. Theory may be born in the laboratory, but its implementation and real impact are measured in the field.

The logistical challenge is one of the invisible obstacles that condemned our research centers to a certain inertia. Indeed, many imperatives came up against the difficulty of travel: arriving at work in optimal conditions and at optimal times, responding to urgent collaborations with partners, collecting samples in remote areas, etc. Faced with these challenges, providing senior officials in the central administration and the directors-general of research centers with fleets of reliable and suitable vehicles is not a luxury expense; it is a strategic investment that fundamentally boosts scientific dynamism.

This provision optimizes schedules: field missions can be carried out more quickly, without relying on costly and heterogeneous logistics. In this context, the vehicle becomes an extension of the laboratory, allowing researchers to focus their energy on their core business, rather than on managing travel. The time spent organizing transportation is thus saved for science, giving users the ability to collect primary, first-hand data at the exact location where the problem arises. This ensures the development of more relevant solutions, greater efficiency, more rigorous data collection, and, ultimately, more

impactful scientific output.

That is why, in the face of an activity that aims to facilitate the mobility of key players in scientific research and innovation in the DRC, the echo of this 47th edition of the Bulletin Sciences et Innovations Technologiques resonates with new energy, marked by the realization of a political will on the part of the supervisory authority: that of providing senior research executives with the means to achieve their ambitions. The delivery of vehicles is a very eloquent gesture of this commitment. Far from being a mere formal act, this investment, welcomed by the General Secretariat for Scientific Research and Innovation and the National Scientific Council, is recognition that science cannot be done without mobility in the field or direct access to the realities of our communities.

At the same time, the publication by the Minister responsible, Marie-Thérèse SOMBO, of Academic Instruction No. 27 for the year 2025-2026 anchors our efforts in a clear roadmap. It sets out the guidelines that will ensure the quality, relevance, and harmonization of higher education and research for the coming year, thus forming the institutional framework necessary for the development of our intellect.

But equipment and supervision would be nothing without the creative genius that bubbles up in our country. The example of the intelligent remote monitoring system for the electricity grid perfectly embodies our youth's ability to provide cutting-edge technological solutions to structural challenges. It is a prime example of how a "workbench" can be transformed into a practical solution for a



Professor Pius Mpiana Tshimankinda
NSC President,

major national challenge: the management and reliability of electrical energy. These local initiatives are proof that the DRC has the talent it needs to create its own tools for autonomy and modernization.

Finally, Congolese scientific research is not limited to technological issues. It is also engaged on the fronts of public health and social justice. Indeed, the initiative of certain centers in the fight against breast cancer shows a determination to apply science to save lives. Similarly, the commitment to combating digital violence against women demonstrates that the sphere of innovation is not limited to heavy equipment, but also encompasses the need for ethical and secure digital governance. Research must shed light on these new societal challenges and propose frameworks for equitable progress, while remaining at the service of well-being and social justice to improve the daily lives of Congolese people.

Far from being a simple activity report, this 47th edition is a manifesto for a movement in which the laboratory bench is no longer an end in itself, but the starting point for a genuine national transformation and an essential value chain. From now on, success will be measured not only by the state and quality of our laboratories, but also by data from the field.



Activities of the Minister of ESURSI

Marie-Thérèse publishes Academic Guidelines for the 2025-2026 academic year in the DRC

The Minister of Higher Education, Academic, Scientific Research, and Innovation (ESURSI), Professor Dr. Marie-Thérèse SOMBO, officially published Academic Instruction No. 027 containing guidelines for the organization of the 2025-2026 academic year in the Democratic Republic of Congo (DRC) on November 20, 2025, in Kinshasa.

This new instruction is part of the ongoing reform of the LMD system, its national harmonization, and its compliance with international standards. It also aims to strengthen quality assurance, improve the governance of higher education and university institutions, and consolidate the modernization of the sector.

A document structured around six major areas

Academic Instruction No. 27 is structured around six key chapters defining national priorities:

Consolidation of the LMD system

The document emphasizes: the complete generalization of the LMD system, mid-term evaluation, the operationalization of LMD structures, the organization of the three cycles (Bachelor's, Master's, Doctorate), and the structuring of doctoral schools, with specific admission criteria.

Administrative and asset governance

This chapter focuses on: mastery of legal and regulatory texts, modernization of

infrastructure, compliance with the academic calendar, quality assurance, and rational management of assets and resources.

Training

Certain guidelines concern: strengthening the capacities of teachers, the organization of enrollment, curriculum reform, continuous assessment, the workload of academic staff, internships, ODL (Open and Distance Learning), and short-term training courses.

Scientific research

The document reiterates that research is an essential indicator of the influence of institutions. It proposes dedicated budget lines, the promotion of results, scientific partnerships, and the development of digital libraries.

Financial governance

The instruction describes and specifies: management control mechanisms,

financial digitization, tuition fees, accreditation fees, and the distribution key for various academic fees.

University life

This last area focuses on: guidance and counseling, cultural and sporting activities, the working environment, discipline and order in institutions, and the end of the academic year.

Academic calendar 2025-2026

The academic year begins on October 22, 2025, and ends on July 31, 2026, according to a detailed calendar that includes: supervision and suspension periods, exam sessions, and academic vacations.

It should be noted that the overall objective of Instruction 027 is to harmonize the functioning of institutions, improve the quality of teaching, ensure transparency in management, and guarantee equity, efficiency, and academic excellence.

It marks an important step in the modernization of the higher education system in the DRC; and is a strategic tool for strengthening the quality of training, governance, and research, while ensuring an organized, stable academic year that complies with international standards.

It also reflects the determination of the Ministry of Higher Education, Scientific Research, and Innovation to provide high-quality, equitable, and forward-looking higher education.

Communications Unit of the Minister of ESURSI and Christian MAZONO/NSC



Marie-Thérèse SOMBO provides research institutions with service vehicles

The Minister of Higher Education, Universities, Scientific Research, and Innovation, Professor Dr. Marie-Thérèse SOMBO, officially handed over official vehicles to the heads of research centers and senior executives of the General Secretariat for Scientific Research and Innovation on November 24, 2025, in Kinshasa.

The ceremony began with speeches by the Representative of the Secretary General for Scientific Research and Innovation, Mr. Robert FUKIABELO, and the President of the National Scientific Council (NSC), Professor MPIANA TSHIMANKINDA Pius.

In his speech, the President of the NSC paid tribute to the President of the Republic, Head of State, Felix Antoine TSHISEKEDI TSHILOMBO, the Government of the Republic, and in particular the Minister of Higher Education, Universities, Scientific Research, and Innovation for this concrete and highly symbolic action of officially handing over these service vehicles.

According to him, this gesture responds to a real need that has been expressed many times and demonstrates the Ministry's ongoing commitment to supporting researchers,

research center managers, and all those involved in national scientific production.

He went on to say that these logistical resources will increase the efficiency of researchers, bring teams closer to the field, and improve coordination between programs and different structures.

He also urged the beneficiaries (senior officials and directors general of research centers) to take care of and maintain the vehicles.

He also expressed the hope that this momentum would continue and strengthen, not only to provide vehicles to other non-beneficiary institutions, but above all to equip research centers with decent and high-performance laboratory equipment for the greater benefit of our country and future generations.

The head of the NSC finally reminded the Minister of ESURSI that the winners of the 2024 Scientific Engineering Forum are still waiting for their prizes and medals and are beginning to grow impatient, posting about it on social media.

He also expressed his hope that the search for sponsors and preparations for the next

Scientific Genius Forum could begin as soon as possible.

The representative of the Secretary General, Mr. Robert FUKIABELO, thanked Minister Marie-Thérèse SOMBO for this commendable gesture.

The Minister closed the ceremony by handing over the keys to the vehicles to the beneficiaries.

It should be noted that this initiative to provide vehicles to research institutions is fully in line with the vision of the Head of State, His Excellency Félix-Antoine TSHISEKEDI TSHILOMBO, who attaches particular importance to good governance of public institutions and the continuous improvement of working conditions. It aims to provide managers with the appropriate logistical resources to carry out their missions efficiently and diligently.

MAZONO MPIA Christian/NSC and Communications Unit of the Minister of Higher Education, Scientific Research, and Innovation

Photo report on the ceremony to hand over vehicles to research institutions

In this report, STIB presents some images taken during the ceremony to hand over the vehicles to research institutions on November 24, 2025, at the office of the Minister of Higher Education, Universities, Scientific Research, and Innovation (ESURSI), Professor Dr. Marie-Thérèse SOMBO, located in the commune of Gombe



Family photo taken around H.E. the Minister of ESURSI, Professor Dr. SOMBO, after the distribution of vehicles from the Central Administration of RSI.



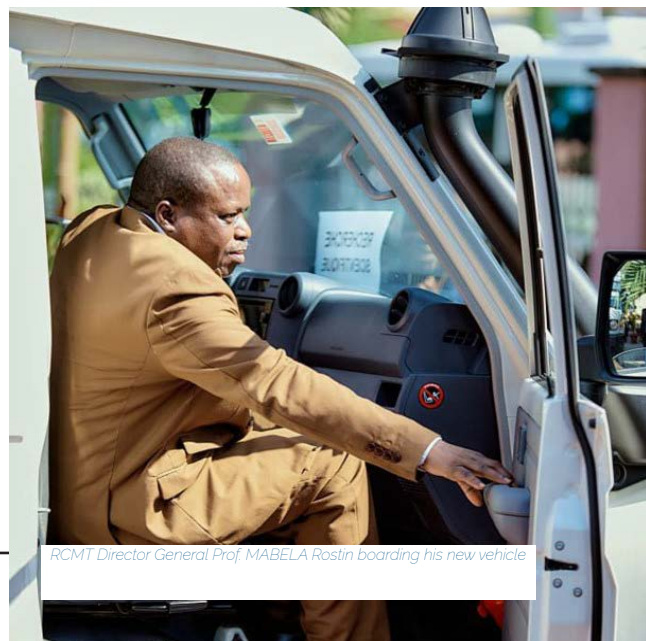
HEM Minister Marie-Thérèse SOMBO handing over the keys to the vehicle to the Director General of RCGM, Prof. KAKULE Roland



The Minister during the distribution of vehicles



The Minister handing over the keys to the DEP/GS-RSI



RCMT Director General Prof. MABELA Rostin boarding his new vehicle



Honorable Minister Marie-Thérèse SOMBO handing over the keys to the vehicle to INERA's Deputy Director General, Ms. MUHIGA



Honorable Minister Marie-Thérèse SOMBO handing over the keys to the vehicle to the Technical Director of SG/RSI Robert FUKIABELO



Several vehicles handed over by Her Excellency Minister Marie-Thérèse SOMBO



H.E. Minister Marie-Thérèse SOMBO handing over the keys to the vehicle to the Director General of RCMT, Prof. MABELA Rostin



The NSC President, Professor Pius Mpiana Tshimankinda, delivering his speech of thanks



Honorable Minister Marie-Thérèse SOMBO handing over the keys to the vehicle to one of her advisors



Activities of the SG/RSIT

Remarks by the Secretary General for Scientific Research and Innovation during the handover of service vehicles by Minister Marie-Thérèse SOMBO to RSI institutions, delivered by the Technical Director of the GS/RSI, Robert FUKIABELO

*Your Excellency, Minister of
Higher Education, Universities,
Scientific Research, and
Innovation*

With my highest regards;

*Chief of Staff to Her Excellency, the Minister
of Higher Education, Universities, Scientific
Research, and Innovation;*

*Deputy Chief of Staff to Her Excellency the
Minister of Higher Education, Universities,
Scientific Research, and Innovation;*

President of the National Scientific Council;

*Directors-General of Central Services for
Scientific Research and Innovation;*

*Permanent Secretary of the Project and Public
Procurement Management Unit for Scientific
Research and Innovation;*

*Directors-General of Centers, Research
Institutes, and Specialized Services for*

Scientific Research and Innovation;

*Distinguished guests in your respective titles
and capacities, with all protocols observed;*

Ladies and Gentlemen,

*It is a great honor for me to stand before you
on this memorable day, Monday, November
24, 2025, to represent Mr. NDAMBU
MWALANGA Odon, Secretary General for
Scientific Research and Innovation, who is on
assignment, at the official ceremony for the
handover of official land vehicles to senior
officials of the Central Administration for
Scientific Research and Innovation and to
the heads of research centers, institutes, and
specialized services for scientific research and
innovation.*

Your Excellency, Madam Minister

*Distinguished guests in your respective titles
and capacities*

Ladies and gentlemen,

*Today's ceremony is part of a series of
public procurement contracts carried out
tirelessly with a view to accomplishing
various missions assigned to the Scientific
Research and Innovation sub-sector.*

*These contracts concern scientific and
laboratory equipment for research
institutions, land transport equipment,
agricultural and pastoral equipment,
agricultural inputs, and various
construction and rehabilitation works.*

*In fact, for the period from 2022 to date,
the General Secretariat for Scientific
Research and Innovation, through
the Project and Public Procurement
Management Unit, has processed a total
of 67 public procurement files, namely:*

24 contracts paid and completed;

21 contracts awaiting payment;

09 contracts awaiting signature;

13 contracts currently in process.

Your Excellency, Madam Minister,

Distinguished guests in your respective titles and capacities,

Ladies and gentlemen,

The vehicle procurement project was initiated in 2023 on the basis of budgetary appropriations allocated to the National Institute for Agricultural Studies and Research (NIASR) and the Central Services for Scientific Research and Innovation.

The call for tenders for this contract was published on the website of the Public Procurement Regulatory Authority (ARMP) in 2023 and received no objections from the General Directorate for Public Procurement Control (DGCMP).

The contract was signed on May 20, 2024, with the company "Central Motors," which won the contract, divided into five lots, namely :

- Lot 1: Purchase of 6 Fortuner Jeeps;
- Lot 3: Purchase of 10 Mazda pick-up trucks;
- Lot 4: Purchase of 16 Leyland coaches with 59 seats;

- Lot 5: Purchase of 10 Hyundai County buses with 30 seats.

All of these vehicle lots have been delivered and handed over to the various beneficiaries in accordance with the specifications.

Lot No. 02 concerns the acquisition of 28 Jeep Land Cruisers, five of which are awaiting delivery. The 23 vehicles received will be handed over to the beneficiaries in a few moments by Her Excellency the Minister of Higher Education, Universities, Scientific Research, and Innovation.

I hope that the beneficiaries of these vehicles will make good use of them in the interests of the services to which they are assigned.

Your Excellency, Madam Minister,

Allow me to express my sincere thanks. "Thank you" is a word that is both short and long. Short in length, with only five letters, but long in its intrinsic value.

Thank you on behalf of the Secretary General and the senior officials of the Central Administration for Scientific Research and Innovation for the honor you have bestowed upon us, despite your countless commitments, by being present "here and now" and making this ceremony possible.

Thank you because, thanks to your

personal involvement, through your correspondence with Central Motors, this phase of the land vehicle procurement contract has been completed in accordance with the law.

I would also like to ask research institutions that still require land vehicles to kindly submit their requirements to Her Excellency the Minister for possible consideration in the preparation of the public procurement plan for the 2026 financial year.

Long live the Democratic Republic of Congo;

Long live the Ministry of Higher Education, Universities, Scientific Research, and Innovation;

Long live the Ministry's Project and Public Procurement Management Unit;

Thank you.

USC Activities

Word of thanks from the President of the CSN, Prof. MPIANA TSHIMANKINDA Pius, during the ceremony to hand over vehicles to senior officials and heads of research centers.

Your Excellency, Minister of Higher Education, Universities, Scientific Research, and Innovation;

Secretary General for Higher Education and Universities;

Secretary General for Scientific Research, represented here;

Directors of the Central Services for

Scientific Research and Innovation;

Directors General of Scientific Research and Innovation Institutions;

Distinguished guests, in your respective capacities and capacities;

It is a real pleasure for me to speak on this occasion, which is so significant

and encouraging for the future of scientific research in our country.

Allow me first of all to express, on behalf of the entire national scientific community, our deep gratitude to the President of the Republic, Head of State, Felix Antoine TSHISEKEDI.

TSHILOMBO, au Gouvernement de la République sector headed by Her Excellency



Judith SUMINWA TULUKA, and particularly to the Minister of Higher Education, Universities, Scientific Research, and Innovation for this concrete and highly symbolic action of officially handing over these service vehicles.

☞ This act, beyond its logistical dimension, reflects a clear political will: to provide our research structures with the necessary means for their proper functioning, to improve the mobility of teams, and to strengthen the administrative and scientific efficiency of our institutions.

We know that research cannot flourish without a minimum of infrastructure, facilities, and support. Today's gesture responds to a real need that has been expressed many times and demonstrates the Ministry's ongoing commitment to supporting researchers, the managers of our centers, and all those involved in national scientific production.

I would also like to commend the beneficiaries, senior officials from the central administration and directors-general, who, through their daily dedication, contribute to the promotion of research, the training of young researchers, and the emergence of innovations that respond to the

challenges facing our society. I am convinced that these logistical resources will increase their efficiency, bring teams in the field closer together, and improve coordination between programs and different structures. I ask them to take good care of them and ensure their maintenance..

Your Excellency, Madam Minister, Your leadership and vision inspire our community. Rest assured that we are fully committed to continuing our noble mission alongside you: to build strong, competitive scientific research that serves the development of our nation.

It is my hope that this momentum will continue and grow, not only to provide vehicles to other institutions that have not yet received them, but above all to equip our research centers with decent, high-performance laboratory equipment for the greater benefit of our country and future generations.

Your Excellency, Madam Minister, at the close of the first Congolese Scientific Engineering Forum, the President of the Republic asked the Ministry to find innovative ways to finance scientific research and innovation in our country. For its part, during one of its meetings of the Council of Ministers, the government encouraged public-private partnerships

to enable the financing of infrastructure for our research centers, among other things.

I would therefore like to take this opportunity to urge all the structures of the Ministry to reflect on how to respond to these instructions and guidelines from the highest levels.

Before concluding my remarks, allow me, Your Excellency, to remind you that the winners of the 2024 Congolese Scientific Engineering Forum are still waiting for their prizes and medals and are beginning to grow impatient, posting about it on social media.

I would also like to express my hope that the search for sponsors and the preparation of the next Scientific Engineering Forum can begin as soon as possible. Once again, Your Excellency, I would like to express our gratitude and wish you God's blessings. May He bless our Ministry and our beautiful country.

Thank you.

*Professor Pius Mpiana Tshimankinda
NSC President,*



On the occasion of the closing of Pink October The CNPRI mobilizes against breast cancer

Aware of the harmful effects of radiation, the NCPIR Safety and Protection Council, through its Vice-President, Professor KABENA NGANDU Odette, called on all women in the Democratic Republic of Congo (DRC) in general, and in particular those exposed to ionizing radiation in their professional activities, to take part in the "Pink October" activities organized throughout the country.

This message was addressed to female operators who use scanners in medical imaging centers, the General Directorate of Customs and Excise, the Air Traffic Control Authority, hotels, and other large buildings; those who operate analyzers in cement plants, the oil and gas industries, pharmaceutical, food, and metallurgical companies; those who measure density with troxlers in the mining industry, in road construction or building companies; sterilizer operators in breweries, those who work with industrial X-ray equipment for the manufacture of glass bottles, contaminant detectors in the agri-food industry, etc.

This appeal is also directed at women working in industrial and artisanal mining, whose extraction activities release naturally occurring radioactive elements (radium, radon, thorium).

It has been shown that women exposed

to ionizing radiation have an increased risk of developing cancer, particularly breast cancer. According to data from the National Center for Cancer Control (CNLC), the DRC records more than 15,000 new cases of breast and cervical cancer each year, or nearly 40 diagnoses per day.

Therefore, while encouraging compliance with radiation protection measures in the workplace, particularly dosimetric monitoring as recommended by the legal and regulatory framework governing the nuclear/radiological sector, the NCPIR invites its partners to get screened to limit the incidence of breast cancer and reduce

the number of deaths caused by it, as breast cancer can be cured in 9 out of 10 cases when detected early.

Women working with ionizing radiation are also encouraged to adopt a healthy lifestyle, i.e., no smoking, limited alcohol consumption, a balanced diet, regular physical activity, weight control, and breastfeeding. They are also asked to develop the habit of self-examining both breasts and the axillary areas (after menstruation) once a month from the age of 25-30, as they are in the high-risk category. Regular screening, particularly by mammography, is recommended for



women aged 50 to 74.

Several hospitals in Kinshasa are participating in this annual campaign to raise awareness among women about breast cancer screening. These include the Ngaliema Clinic, Ex-Mama Yemo, the Police General Hospital at Camp Lufungula, the Sino-Congolese Friendship Hospital, the Nganda Hospital Center, and the Biamba Marie Mutombo Hospital.

It should be noted that this screening and medical care campaign will continue beyond October and conclude with the celebration of International Women's Day in March 2026.

As "Pink October" is also a campaign to support and raise funds for research, the CNPRI is calling for the disbursement of budgetary credit lines for the acquisition of materials and equipment for the dosimetric monitoring of public sector professionals and the implementation of other radiation protection measures.

Within a reasonable time frame, an interministerial decree will be signed between the Ministry of Higher Education, University, Scientific Research, and Innovation and the Ministry of Employment, Labor, and Social Welfare to regulate the protection of workers against the harmful effects of ionizing radiation.

Prof. Odette KABENA, Vice President of the NCPIR

Échoes from Research Institutions

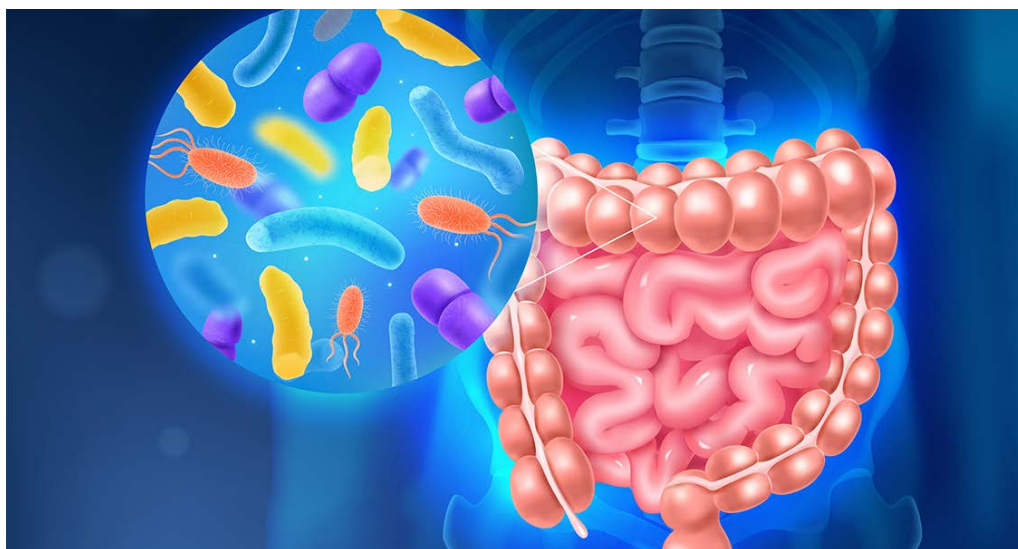
What is the gut microbiota?

The gut microbiota, a complex collection of microorganisms living in the human digestive tract, plays a crucial role in health and disease. Its influence extends from metabolism to immunity, mental health, and chronic diseases.

The human gut microbiota is a dynamic ecosystem consisting of several trillion microorganisms, including bacteria, viruses, fungi, and archaea. These microorganisms live in symbiosis with the host and participate in essential functions such as digestion, vitamin synthesis, and immune system regulation. Since the sequencing of the microbial genome and the development of metagenomics, our understanding of the microbiota has undergone a major scientific revolution.

It is now recognized as a functional organ in its own right. It facilitates the breakdown of complex non-digestible polysaccharides, produces short-chain fatty acids (SCFAs), modulates immunity, and influences the gut-brain axis, playing a role in emotions, behavior, and certain psychiatric disorders.

An imbalance in the gut microbiota, or dysbiosis, is implicated in many chronic diseases such as metabolic diseases (obesity, type 2 diabetes), gastrointestinal disorders (irritable bowel syndrome, Crohn's disease), neurological diseases (Alzheimer's, Parkinson's, depression), and autoimmune diseases (multiple sclerosis, rheumatoid arthritis).



Approaches to modulating the microbiota are a promising avenue: new-generation probiotics and prebiotics, fecal microbiota transplantation (FMT), functional foods rich in fiber and polyphenols, and personalized therapies based on individual microbial signatures.

Research prospects for the gut microbiota include: mapping metabolic interactions between the microbiota and the host, developing predictive microbial biomarkers, exploring causal relationships between the microbiota and the brain via the gut-brain axis, integrating bioinformatics and artificial intelligence to model microbial interaction networks, and assessing the ecological sustainability of the human microbiota.

The gut microbiota is now recognized as a key player in human physiology and

a major target for future medicine. Its modulation paves the way for individualized and preventive therapeutic approaches. However, the complexity of its interactions requires integrative research combining molecular biology, bioinformatics, microbial ecology, and clinical medicine.

**Prof. Jean-Paul -KOTO-TE NYWA/
Scientific Advisor/NSC**

At the time of Innovation

Interview

Jeanini MASENGU KONGOLO: I have developed an intelligent remote monitoring system for the electrical grid.

In an interview conducted in Kinshasa, BSIT and ACTUALITÉ.CD's Women's Desk spoke with engineer Jeanini MASENGU KONGOLO. During the interview, she discussed her innovation, her motivations, the challenges she has faced, and her ambitions for the future. She claims to have developed an intelligent remote monitoring system for the electrical grid. According to her, this system aims to quickly detect outages and improve the quality of electrical service.

Christian MAZONO: Can you introduce yourself to our readers?

Jeanini Masengu: My name is Jeanini Masengu Kongolo, and I am an industrial electrical engineer trained at ISTA. Today, I have developed a smart remote monitoring system for the electrical grid. This system aims to quickly detect outages and improve the quality of electrical service.

Christian MAZONO: How can your innovation be applied on a large scale?

Jeanini Masengu: It can be adapted to other neighborhoods using the same principle of sensors and remote transmission.

Desk Femme: How long have you been working on this project?

Jeanini Masengu: I worked on this project for several months as part of my final project in industrial electricity, but I had already had this idea since my second year (L2).

Desk Femme: What motivated you to work on monitoring electrical networks?

Jeanini Masengu: My main motivation was to propose a concrete and intelligent solution to improve the reliability of the electrical network and reduce undetected outages, particularly at SNEL.

Desk Femme: Why did you target the Kabila neighborhood for your project?

Jeanini Masengu: Because it is a neighborhood that regularly experiences uncontrolled power outages. It is representative of the reality of many neighborhoods in Kinshasa.



Christian MAZONO: How is your system different from others?

Jeanini Masengu: Our system is local, simple, low-cost, and operates remotely in real time.

Christian MAZONO: What challenges did you encounter during your research?

Jeanini Masengu: Yes, there were some, especially in terms of the technical and material aspects of building the model. I had to order some equipment from China because certain sensors were not available in the city. There was also a lack of financial resources and difficulties accessing certain information on the network.

Christian MAZONO: Did you receive any funding or support for this project?

Jeanini Masengu: I didn't receive any external funding, but I did benefit from academic support from my institution, ISTA.

Christian MAZONO: Why did you choose this topic?

Jeanini Masengu: Because it addresses a real and frequent problem in our neighborhoods.

Christian MAZONO: How did you overcome

the obstacles?

Jeanini Masengu: I persevered, I prayed, and the support I received from my supervisors and my institution helped me a lot.

Christian MAZONO: What are the benefits for the population?

Jeanini Masengu: A reduction in prolonged power outages, better quality of electrical service, and enhanced safety.

Christian MAZONO: What are your plans for the future?

Jeanini Masengu: To create a startup in electrical engineering and offer local solutions.

Christian MAZONO: What message would you give to young people, especially girls?

Jeanini Masengu: Believe in your abilities, dare to innovate. Engineering is not a question of gender but of passion. Don't let a few individuals who try to discourage you make you feel inferior.

Déborah Misser Gbalanga/ actualite.cd
and Christian MAZONO/NSC

ACOFEPE is committed to combating digital violence against women.

L'ACOFEPE

S'ENGAGE À SENSIBILISER ET À MOBILISER
DES ACTIONS CONTRE LA VIOLENCE BASÉE

SUR LE GENRE DANS LES MÉDIAS

#DU 25 NOVEMBRE AU 10 DÉCEMBRE 2025

16 JOURS D'ACTIVISME

The Congolese Association of Women Journalists in the Print Media (ACOFEPE) announced its participation in this year's theme dedicated to combating digital violence against women at the launch of the global 16 Days of Activism Against Gender-Based Violence campaign on Tuesday, November 25, 2025, in Kinshasa.

According to ACOFEPE, the organization intends to raise awareness and mobilize media professionals from November 25 to December 10, 2025, in response to the increase in online attacks that specifically target women journalists. Cyberbullying, hate speech, non-consensual sharing of images, and threats are all practices that, according to ACOFEPE, constitute a major obstacle to freedom of expression, citizen participation,

and respect for women's rights in the public sphere.

In its message, the association calls on journalists to strengthen their digital security, to document and report all forms of sexist online violence, and to support female professionals who are victims of cyber violence in order to break the isolation often associated with these attacks. ACOFEPE also plans to organize several online capacity-building sessions to support participants throughout the campaign.

The organization also encourages the promotion of gender-sensitive journalism that exposes the realities of digital violence and its consequences for women and girls. It reaffirms its willingness to collaborate with public institutions, technical partners, and

human rights organizations to strengthen protection mechanisms in the digital space.

For ACOFEPE, the 16 Days of Activism provide an additional opportunity to raise awareness, support survivors, and strengthen initiatives aimed at ensuring a safer and more respectful digital environment for women, and journalists in particular.

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<p>NCPIR (National Committee for the Protection of ionizing Radiation)</p> <p>Objective: - Regulatory authority for protection against the dangers of ionizing radiation in the DRC management of radioactive sources of radioactive materials such as uranium.</p> <p>Address: 4675, Av. Colonel Ebeya, Immeuble Quitus 2ème niveau; Email: Flory1963@gmail.com; Tel: 0816684665</p>	<p>GVO (Goma Volcanological Observatory)</p> <p>Objective: Prevention of volcanic risks by monitoring volcanoes and Lake Kivu.</p> <p>Kivu; Management of natural risks; scientific research.</p> <p>Address: 142, Avenue Du Rond Point ; Quartier Les Volcans ; Commune de Goma ; Ville Goma; North-Kivu; E-mail: mavotulu@gmail.com; Tel: 0998584734</p>
<p>AEC (French Atomic Energy Commission)</p> <p>Objective: To carry out, promote and coordinate scientific and technical research in various fields of science and industry, concerning the use of atomic energy and space research.</p> <p>Address: UNIKIN building; E-mail: Steve.muanza.kamunga@gmail.com; Tel: 0808643248.</p>	<p>WERC (Water and Environment Research Center)</p> <p>Objective: To serve as a training and research center focusing on water and environmental management.</p> <p>To propose solutions to problems that could arise around water. Create a national network of Congolese scientists and researchers to analyze and disseminate information on the impact of climate change in the DRC. Promote education and the right to the environment.</p> <p>Address: 44, Comité Urbain C/ GOMBE; E-mail: ngelipatience@gmail.com; Tel: 0818105625.</p>
<p>CGI (Congo Geographic Institute)</p> <p>Objective: Production of the base map of the DRC at a scale of 1/50,000 and its derivatives.</p> <p>Address: 106, Blvd du 30 Juin, C/Gombe; E-mail: Fidele.balibuno@unikin.ac.cd; Tel: 0974449240.</p>	<p>RCSARP (Research Center for the Selection and Adaptation of Ruminants and Pigs)</p> <p>Objective: To carry out studies and research in the field of ruminant and pig breeding</p> <p>Address: 45, Av. Lumumba, Q/de la gare, LUPUTA/ KASAI-ORIENTAL; E-mail: tshamalagabriel@gmail.com; Tel: 0851817370</p>
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<p>NIASR (National Institute for Agronomic Study and Research)</p> <p>Objective: To promote the development of agriculture in the Congo. To maintain varieties, multi-local trials, and its farmers, management and conservation of germplasm. Set up a program to monitor and evaluate research activities.</p> <p>To disseminate new varieties. Give the emerging technical department its reason for being, with a view to producing basic and pre-basic seed.</p> <p>Resume publication of the agricultural magazine to disseminate research results.</p> <p>Address: 13, Av. des Cliniques, BP :2037 KINSHASA , C/Gombe; E-mail: domikankonde@yahoo.fr; Tel: 0818248620</p>	<p>CAS (Congolese Academy of Sciences)</p> <p>Objective: Promotion and dissemination of science, technology, arts and letters.</p> <p>Support for inventive initiatives.</p> <p>Address: Sciences Faculty/ UNIKIN local 28; E-mail: jlmuyembet@gmail.com; Tel: 0813330242</p>
<p>RCALC (Research Center into African Language and Culture)</p> <p>Objective: To coordinate and carry out all research projects concerning African languages and cultures.</p> <p>Address: 53 C, Av. Makiso, blvd du 30 juin, Kisangani/ Tshopo. Tel: 0851934320</p>	<p>MIPRC (Matadi Interdisciplinary Pedagogical Research Center)</p> <p>Objective:--Information science.</p> <p>Address: The buildings of the Matadi Higher Pedagogical Institute; Tel: 0896501462</p>
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