

## DETAILED PROGRAMME

ROOM II

Thursday, 1<sup>st</sup> December 2022

OPENING LECTURES

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*Chair: CHO-NGWA FIDELIS/ FOKOU ELIE, Professeurs*  
*Secretary: Armelle DEUTOU TCHAMGOUE, Maitre de Recherche IMPM*

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10:50 11:10	<b>INAUGURAL LECTURE:</b> Claude ABE, Professeur, Université Catholique d'Afrique Centrale- UCAC, Yaoundé
11:10 11:30	<b>KEYNOTE LECTURE:</b> Joseph KAMGNO, Professeur Faculté de Medecine et de Sciences Biomédicales, Université de Yaoundé I

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PLENARY LECTURES

ROOM II

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*Chair: Alembert TCHINDA TIABOU, Directeur de Recherche*  
*Secretary: Pamela NANGMO, Chargé de Recherche*

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13:00 13:30	<b>PLENARY TALK 1 :</b> Guy KAMATOU, Professeur Identification of active molecules from essential oils using a chemometrics approach
13:30 14:00	<b>PLENARY TALK 2:</b> Xavier SIWE-NOUNDOU, Professeur Plants based natural products as nano-engineered drug delivery systems

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# PARALLEL SESSION 1

## ROOM I: ENVIRONMENT FORESTRY AND CLIMATE CHANGE (EFCC)

*Chair : Serge ZEBAZE TEGOUET, Professeur*

*Secretary : Jean Paul NDONGO OKALA, Attaché de Recherche*

14:00-14:15	CBS22_EFCC_ORA 01 <b>MACROINVERTEBRATES-BASED BIOTIC SCORING SYSTEM TO ASSESS THE RIVERINE ECOSYSTEMS HEALTH IN SAHEL AREA (BURKINA FASO, WEST AFRICA).</b> <b>KABORE Idrissa</b> <sup>1*</sup> , BANCÉ V <sup>1</sup> , SAWADOGO L <sup>1</sup> , OUEDA A <sup>1</sup> , MOOG O <sup>2</sup>
14:15-14:30	CBS22_EFCC_ORA 02 <b>USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING MODELS (AI/MLM) IN FRESHWATER BIOMONITORING: AN APPLICATION TO A POLLUTED URBAN STREAMS-SYSTEM IN DOUALA-CAMEROON</b> <b>Siméon TCHAKONTÉ</b> <sup>1*</sup> , Nectaire Lié NYAMSI TCHATCHO <sup>2</sup> , Antoine ARFAO TAMSA <sup>3</sup> , Paul-Alain NANA <sup>4</sup> , Ernest KOJI <sup>5</sup> , & Mamert Fils ONANA <sup>2</sup>
14:30-14:45	CBS22_EFCC_ORA 03 <b>LES SERVICES ECOSYSTEMIQUES VALORISES PAR LES POPULATIONS DES VILLAGES SONG ANCIEN, MALEA ANCIEN, ZOULABOT ANCIEN ET NGATTO ANCIEN DE LA PERIPHERIE DU PARC NATIONAL DE BOUMBA-BEK, EST-CAMEROUN</b> KENFACK VOUKENG S.N. <sup>1,2</sup> , <b>ATEBA P.</b> <sup>1*</sup> , M. ZIBI S. <sup>3</sup>
14:45-15:00	CBS22_EFCC_ORA 04 <b>VALORISATION DES DECHETS PLASTIQUES POUR LA PRODUCTION DES MATERIAUX DE CONSTRUCTION : CAS DES PAVES ECOLOGIQUES</b> KENFACK VOUKENG S.N. <sup>1,2</sup> , <b>DONGMO NKUIGUE D.</b> <sup>1*</sup> , GHOUKENG I. <sup>1</sup> , TASSOMBA C <sup>3</sup> .
15:00-15:15	CBS22_EFCC_ORA 05 <b>IDENTIFICATION DES FORMES INFECTIEUSES AU NIVEAU DES QUELQUES POINTS DE COLLECTE DES ORDURES MENAGERES ET RISQUES SANITAIRE ENCOURUS DANS LA VILLE DE DOUALA.</b> <b>NGOUNOU DJOMO Sorelle</b> <sup>1*</sup> , Poullo ADAMOU OUMAR <sup>1</sup> , ISAKA KAMWA NGASSAM <sup>3</sup> , Thierry EBOGO-BELOBO <sup>2</sup> , Ginette KAME-NGASSE <sup>2</sup> , NKENGAZONG LUCIA <sup>1</sup> , ZEBAZE TOGOUET <sup>4</sup> , ESSAME OYONO Jean Louis <sup>2</sup>
15:15-15:30	CBS22_EFCC_ORA 06 <b>EFFECTS OF WATER POLLUTION ON MACROPHYTE DIVERSITY AND CROPS: CASE OF THE ACHICHEM STREAM BAMENDA, CAMEROON</b> <b>NEMBO EKONG N. N</b> <sup>1</sup> , NOUCK A. E <sup>1*</sup> , TUEKAM KAYO R. P <sup>1</sup> , TONJOCK R. K <sup>1</sup>
15:30-16:15	Coffee/Tea Break + Poster Sessions

## ROOM II: FOOD NUTRITION AND AGRICULTURE (FNA)

*Chair: MBOUOBDA Hermam, Maitre de Conférences*

*Secretary : Sabine FANTA YADANG, Chargé de Recherche*

14:00-14:15	CBS22_FNA_ORA 01 <b>CONTRIBUTION OF <i>APIS MELLIFERA</i> (HYMENOPTERA: APIDAE) ON THE IMPROVEMENT OF BELL PEPPER (<i>CAPSICUM ANNUUM</i>) YIELDS IN DSCHANG (WEST-CAMEROON).</b> <b><u>KAMENI B. A. S.</u><sup>1*</sup>, DJONWANGWE D.<sup>2</sup> ET TCHUENGUEM FOHOUE F.-N.<sup>1 et 3</sup></b>
14:15–14:30	CBS22_FNA_ORA 02 <b>EFFET DE L'EXTRAIT AQUEUX DES FEUILLES DE <i>ANACARDIUM OCCIDENTALE</i> (ANACARDIACEES) SUR LES INSECTES RAVAGEURS ET LE RENDEMENT DU NIEBE A BERTOUA</b> <b><u>BARRY B.R.</u><sup>1*</sup>, NDOUYANG C.<sup>1</sup>, KALEFACK F.P.<sup>1</sup>, YAMGOUET A.J.<sup>1</sup>, DONFACK M.N.<sup>1</sup>, NGAKOU A.<sup>2</sup>, NUKENINE E. N.<sup>2</sup></b>
14:30-14:45	CBS22_FNA_ORA 03 <b>EFFECTS OF PHOSPHOROUS AND ARBUSCULAR MYCORRHIZAL ON GROWTH AND NUTRIENT UPTAKE OF <i>CAPSICUM ANNUM</i> L. UNDER SALINE CONDITIONS IN BAMENDA, NORTHWEST REGION OF CAMEROON</b> <b><u>CHIA GENEVIEVE KAIN.</u><sup>1*</sup> NOUCK ALPHONSE ERVE,<sup>1</sup> AND TONJOCK ROSEMARY KINGE.<sup>1</sup></b>
14:45-15:00	CBS22_FNA_ORA 04 <b>PREVALENCE OF MALNUTRITION AND RISK FACTORS OF DYSLIPIDEMIA AMONG HIV-INFECTED ADOLESCENTS IN CAMEROON</b> <b>CHOUMESSI TCHEWONPI A<sup>1</sup>, <u>TOMNYUY SHaidu H.</u><sup>1</sup>, SAHA FOU DJOU BU<sup>1</sup>, NANTIA AKONO E<sup>1</sup>, NJECK THECLA A<sup>1</sup>, TUME CHRISTOPHER B<sup>1</sup></b>
15:00-15:15	CBS22_FNA_ORA 05 <b>ANALYSIS OF SOME OF BIOCHEMICAL PARAMETERS IN RESPONSE TO THE EFFICIENCY OF A LOCAL INDIGENOUS MICROORGANISMS (IMO) MANURE TO IMPROVE GREEN PEPPER (<i>Capsicum annuum</i>) CULTIVATION</b> <b>FOBA<sup>1</sup> E., MOMA<sup>1</sup> T.A., FOTSO<sup>2</sup>., BOBGA<sup>1</sup> C., FOMO<sup>2</sup> J., MBOUOBDA<sup>1,2*</sup> H.D.</b>
15:15-15:30	CBS22_FNA_ORA 06 <b>CONTRIBUTION A LA VALORISATION ALIMENTAIRE DU JACQUE (FRUIT DE <i>Artocarpus heterophyllus</i>) : CARACTERISATION PHYSICO-CHIMIQUE, NUTRITIONNELLE ET ANTIOXYDANTE DE LA PULPE ET DES GRAINES</b> <b>BEMMO K. L. U,<sup>1,2</sup> BINDZI M. J,<sup>2</sup> NDOUMOU H. C. S,<sup>1,3</sup> TAMBO T. S,<sup>1</sup> EKWELLE M. W. N,<sup>2</sup> FRANCOIS NGOUFACK ZAMBOU<sup>1</sup>, <u>KAMSEU T. R. P</u><sup>2*</sup></b>
15:30-16:15	Coffee/Tea Break + Poster Sessions

## ROOM III: GLOBAL HEALTH AND DISEASE CONTROL (GHDC)

*Chair : Rodrigue Roman DONGANG NANA, Maitre de Recherche*

*Secretary : Jean Thierry EBOGO BELOBO, Chargé de Recherche*

14:00-14:15	CBS22_GHDC_ORA 01 <b>ETUDE DE LA TOXICITE DES EXTRAITS DE GRAINES DE AZADIRACHTA INDICA A. JUSS DANS LA LUTTE CONTRE LES CHARANÇONS DE MAÏS EN STOCKAGE ET LEURS IMPACTS SUR LA SANTE DES CONSOMMATEURS</b> <b>NYETAM Benjamin<sup>1,2*</sup></b> , Dr TCHOKOUAHA YAMTHE Lauve <sup>2</sup> , Dr DONGFAGSITEI. T. Néhémie <sup>2</sup> , AMBANG Zachée <sup>1</sup> .
14:15–14:30	CBS22_GHDC_ORA 02 <b>PATIENTS WITH SICKLE CELL DISEASE FROM CAMEROON HAVE ELEVEN TYPES OF ANEMIA. ADDITIONALLY, 25.71% OF PREVALENCE OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE DEFICIENCY (G6PD) AND 100% OF HYPERACTIVITY OF LACTATE DEHYDROGENASE (LDH): A PILOT STUDY</b> KOTUE TAPTUE CHARLES <sup>1,5*</sup> ; BANKING CARINE <sup>1</sup> ; PIEME ANATOLE CONSTANT <sup>3</sup> ; NGOSACK. FRANÇOISE. <sup>2</sup> ; KAREN CORDOVIL <sup>4</sup>
14:30-14:45	CBS22_GHDC_ORA 03 <b>HIGH PREVALENCE OF PANTON-VALENTINE LEUKOCIDIN POSITIVE, MULTIDRUG RESISTANT, METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS STRAINS CIRCULATING AMONG CLINICAL SETUPS IN ADAMAWA AND FAR NORTH REGIONS OF CAMEROON.</b> MANSOUR MOHAMADOU <sup>1,2,3</sup> , SARAH RIWOM ESSAMA <sup>2</sup> , MARIE CHANTAL NGONDE ESSOME <sup>3</sup> , LILLIAN AKWAH <sup>2,3</sup> , NUDRAT NADEEM <sup>1</sup> , HORTENSE GONSU KAMGA <sup>4</sup> , SADIA SATTAR <sup>1</sup> , SUNDUS JAVED <sup>1*</sup>
14:45-15:00	CBS22_GHDC_ORA 04 <b>FIRST IDENTIFICATION OF BA.5.2.1 OMICRON SUB-LINEAGES IN FULLY VACCINATED PATIENTS IN CAMEROON: TWO CASE REPORTS.</b> <b>MARTIN MAÏDADI FOUÏI<sup>1,2</sup></b> , Célestin GODWE <sup>1,3</sup> , Emilande GUICHET <sup>4</sup> , Nicolas Fernandez NUNEZ <sup>4</sup> , Guy-Roland AWOUNDZA <sup>1</sup> , Nadine LAMARE <sup>1</sup> , Marie AMOUGOU ATSAMA <sup>1</sup> , Marcel TONGO <sup>1</sup> , ONANA BOYOMO <sup>2</sup> , Wilfried MBACHAM <sup>5</sup> , AYOUBA AHIDJO <sup>1,4</sup> , Martine PEERTERS <sup>4</sup> , Eric DELAPORTE <sup>1,4</sup> , Charles KOUANFACK <sup>1</sup>
15:00-15:15	CBS22_GHDC_ORA 05 <b>COMPARATIVE STUDY OF THE EFFECT OF SOLVENTS ON THE EFFICACY OF NEONICOTINOID INSECTICIDES AGAINST MALARIA VECTOR POPULATIONS ACROSS AFRICA</b> <b>TATIANE ASSATSE<sup>1,2, *</sup></b> , MAGELLAN TCHOUAKUI <sup>1</sup> , & LEON MUGENZI <sup>1</sup> , BENJAMIN D. MENZE <sup>1</sup> , DANIEL NGUIFFO-NGUETE <sup>1</sup> , WILLIAMS TCHAPGA <sup>1</sup> , JONATHAN KAYONDO <sup>2,7</sup> , FRANCIS WATSENGA <sup>3</sup> , EMILE ZOLA MANZAMBI <sup>3</sup> , MICHAEL OSAE <sup>4</sup> AND CHARLES S. WONDJI <sup>1,5,6</sup>
15:15-15:30	CBS22_GHDC_ORA 06 <b>EFFECT OF PLEUROTUS OSTREATUS CONSUMPTION ON WEIGHT, PREVENTION AND TREATMENT OF RAT'S HYPERCHOLESTEROLEMIA</b> <b>MOBOU Estelle Yolande, 1*</b> FOGANG FOKA Desoeuvres, <sup>2</sup> DIBACTO KEMADJOU Ruth Edwige, <sup>3</sup> YADANG Germaine, <sup>3</sup> SADO KAMDEM Sylvain Leroy <sup>2</sup>
15:30-16:15	Coffee/Tea Break + Poster Sessions

## ROOM IV: NATURAL PRODUCTS AND MEDICINAL PLANTS (NPMP)

*Chair : Alenbert TIABOU TCHINDA, Directeur de Recherche*

*Secretary : Stephanie GUETCHUENG TAMDEM, Chargé de Recherche*

14:00- 14:15	CBS22_NPMP_ORA 01 <b>REGULATION <i>IN VITRO</i> OF THE OXIDATIVE STRESS AND CELL MEMBRANES STABILIZATION USING STEM-BARKS EXTRACTS OF <i>GREENWAYODENDRON SUAVEOLENS</i> (ENGL. &amp; DIELS) VERDC.</b> <b><u>BETOTE D. P. H</u><sup>1,2,3,5*</sup></b> , NGOLSOU F <sup>3,5</sup> , MONI N. E. D. F <sup>2</sup> , FANTA Y. A. S <sup>1</sup> , DORI D <sup>5</sup> , AGBOR G. A <sup>1</sup> , NNANGA N <sup>3,4</sup> , NYEGUE M. A <sup>2</sup>
14:15 – 14:30	CBS22_NPMP_ORA 02 <b>PHYTOCHEMICAL DETERMINATION, <i>IN-VITRO</i> AND <i>IN-VIVO</i> ANTIBACTERIAL EFFECTS OF METHANOL AND AQUEOUS EXTRACTS OF ASSOCIATION OF LEAVES OF <i>PSIDIUM GUAJAVA</i> AND <i>CARICA PAPAYA</i>, AGAINST <i>SALMONELLA</i></b> TASHIE EVANGELINE NGWANGUONG <sup>1</sup> , METOH THERESIA NJUABE <sup>1</sup> , STEPHEN LACMATA TAMEKOU <sup>2</sup> , <b><u>GERALD NGO TEKE</u></b> <sup>3*</sup>
14:30- 14:45	CBS22_NPMP_ORA 03 <b>GC-MS CHARACTERIZATION AND ANTIULCER PROPERTIES OF THE TRITERPENOID FRACTION FROM PROPOLIS OF THE NORTH WEST REGION OF CAMEROON</b> <b><u>DOMGNIM MOKAM Elisabeth Carol</u></b> <sup>1</sup> , TAMFU Alfred NGENGE <sup>2</sup> , TALLA Emmanuel <sup>3</sup> , MBAFOR TANYI Joseph <sup>3</sup> , MILENA Popova <sup>4</sup> , VASSYA BANKOVA <sup>4</sup> AND TAN Paul VERNYUY <sup>1*</sup>
14:45- 15:00	CBS22_NPMP_ORA 04 <b>EVALUATION <i>IN VITRO</i> DE L'ACTIVITE ANTIBACTERIENNE ET DE LA TOXICITE AIGÛE DES EXTRAITS DES FEUILLES DE <i>NEPHROLEPIS BISERRATA</i> SUR QUELQUES BACTERIES PARODONTOPATHOGENES ET CARIOGENES.</b> <b><u>KUATE KAMGA DAVID ARMEL</u></b> <sup>1*</sup> , FOKUNANG N. C <sup>2</sup> , AGBOR A. M <sup>1</sup> , TEMBE E <sup>2</sup> , NJINKIO N. B <sup>2</sup> , GONSU K. H <sup>2</sup> ,
15:00- 15:15	CBS22_NPMP_ORA 05 <b><i>PTEROCARPUS SANTALINOIDES</i> (FABACEAE) PREVENTS HYPERTENSION, DYSLIPIDEMIA AND OXIDATIVE STRESS INDUCED BY OXIDIZED PALM OIL AND SUCROSE IN RAT</b> CHINTE YAMJOM Ramatou <sup>*1</sup> , NGUEGUIM TSOFAK Florence <sup>1</sup> , NGO LEMBA Tom Esther <sup>1</sup> , GOUNOUE KAMKUNO Raceline <sup>1</sup> and DIMO Théophile <sup>1</sup>
15:15- 15:30	CBS22_NPMP_ORA 06 <b>ANTIFUNGAL POTENTIAL OF CASSAVA CHIPS AND CORTEX CONTAINING SCOPOLETIN AND CYANIDE</b> <b><u>NJANKOUO NDAM YOUCHAHOU</u></b> <sup>a*</sup> , NJINGOU IBRAHIM <sup>b</sup> , NYEGUE Maximilienne Ascension <sup>a</sup> , MOUNJOUENPOU Pauline <sup>c</sup>
15:30- 16:15	Coffee/Tea Break + Poster Sessions

## PARALLEL SESSION 2

### ROOM I: ENVIRONMENT FORESTRY AND CLIMATE CHANGE

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*Chair : Gideon AJEAGAH, Professeur*

*Secretary : Peclar Loique MBOUOBOUO, Chargé de Recherche*

16:15-16:30	CBS22_EFCC_ORA 07 IMPACT OF ALTITUDE AND PHYSICOCHEMICAL PARAMETERS ON THE BIODIVERSITY AND GROUNDWATER QUALITY IN FAKO DIVISION, CAMEROON <u>CHINCHE SYLVIE BELENGFE</u> <sup>1*</sup> , TUEKAM KAYO RAOUL POLYCARPE <sup>2</sup> , ZEBAZE TOGOUET SERGE HUBERT <sup>3</sup> .
16:30-16:45	
16:45-17:00	CBS22_EFCC_ORA 09 AQUATIC FUNGI SPECIES ASSOCIATED WITH <i>FUMTUMIA AFRICANA</i> (BENTH) STAPF (APOCYNACEAE) LEAF LITTER DECOMPOSITION IN SOME NATURAL STREAMS (CAMEROON) DZAVI J <sup>1,2*</sup> , PISCART C <sup>3</sup> , FOTO MENBOHAN S <sup>1</sup>
17:00-17:15	CBS22_EFCC_ORA 10 INFLUENCE DES FACTEURS ENVIRONNEMENTAUX SUR LA SPORULATION DES OOCYSTES DE <i>ISOSPORA BELLI</i> ET DE <i>CYCLOSPORA CAYETANENSIS</i> DANS LE RESEAU HYDROGRAPHIQUE DU MEZAM (BAMENDA, CAMEROUN) <u>MBOUOMBOUO M</u> <sup>1,2,3*</sup> , AJEAGAH G <sup>1</sup> , TCHAKALA I <sup>2</sup> , KODOM T <sup>2</sup>
17:15-17:30	CBS22_EFCC_ORA 11 ASSESSMENT OF THE INFLUENCE OF ORGANIC POLLUTION IN THE SEASONAL VARIATION OF PH AND ACIDIFICATION PHENOMENON IN CAMEROON COASTAL ATLANTIC OCEAN AT KRIBI. <u>BILOUNGA Ulrich J.F.</u> <sup>1,2*</sup> , ONANA Fils M. <sup>2</sup> , DICKA K. Emmanuel H. <sup>1</sup> , EFOLE E. Thomas <sup>2</sup>
17:30-17:45	CBS22_EFCC_ORA 12 IDENTIFICATION OF VULNERABLE HABITATS ESSENTIAL FOR THE RENEWAL OF THE FISHERIES RESOURCE ON THE CAMEROONIAN COAST <u>EDDY NNANGA</u> <sup>1</sup> , XAVIER NDJAMO <sup>2</sup> , BERANGER TAMGNO <sup>3</sup> AND ARISTIDE TAKOUKAM KAMLA <sup>1</sup>

## ROOM II: FOOD NUTRITION AND AGRICULTURE (FNA)

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*Chairs: Nicolas NIEMENAK, Professeur*

*Secretary: Marietta SOUPI, UB*

16:15- 16:30	CBS22_FNA_ORA 07 USE OF LOCAL BIOFERTILIZER MANURE (EM MANURE) AND BIOPESTICIDE (EM PESTICIDE) TO IMPROVE GREEN PEPPER ( <i>Capsicum annuum</i> L.) YIELD WHILE ANALYZING SOME PLANT BIOCHEMICAL PARAMETERS IN BAMBILI. MOMA <sup>1</sup> T.A., BOBGA <sup>1</sup> C., FOBA <sup>1</sup> E., FOMO <sup>2</sup> J., FOTSO <sup>2</sup> ., MBOUOBDA <sup>1,2*</sup> H.D.
16:30- 16:45	CBS22_FNA_ORA 08 EFFECT OF APPICHI AND NEEM OIL ON THE MAIN INSECT PEST OF TWO VARIETIES OF OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L.) IN NKOABANG, CENTRE CAMEROON <u>DZOKOU V. J.</u> <sup>1*</sup> ASAFOR H. CHOTANGUL <sup>1</sup> MBANA BEKOLO G, <sup>1-2</sup> LONTCHI FOFE N, <sup>1</sup> YAOUBA A, <sup>1</sup> TAMESSE J.L. <sup>3</sup>
16:45- 17:00	CBS22_FNA_ORA 09 EVALUATION DE 101 LIGNEES DE MIL ( <i>PENNISETUM GLAUCUM</i> (L.) R. BR.) POUR LEUR RESISTANCE AU MILDIOU ( <i>SCLEROSPORA GRAMINICOLA</i> (SACC.) SCHROET) A MOULVOUDAYE, EXTREME NORD CAMEROUN KENNE MELI Phalone <sup>1*</sup> , NGUEPJOP Joël <sup>2</sup> , KANFANY Ghislain <sup>3</sup>
17:00- 17:15	CBS22_FNA_ORA 10 CHARACTERIZATION OF THE MYCOTOXINOGENIC FUNGAL FLORA IN COCOA ( <i>THEOBROMA CACAO</i> ) BEANS IN SOME PRODUCTION BASINS IN CAMEROON AND INFLUENCE OF POST-HARVEST OPERATIONS <u>GHOMFO B. A.</u> <sup>1*</sup> YAOUBA A, <sup>1</sup> BITOM O. D <sup>2</sup>
17:15- 17:30	CBS22_FNA_ORA 11 CHARACTERIZATION OF TWO GENES (TAA1 AND YUC8) INVOLVED IN AUXIN BIOSYNTHESIS DURING EARLY ROOT DEVELOPMENT IN <i>THEOBROMA CACAO</i> <u>NZOGANG FRANC OLIVIER</u> <sup>1</sup> , NGOMBI TULAG SAMUEL DIDIER <sup>2</sup> , ROLANDE EUGENIE MAKONDY ANGO <sup>1</sup> , ALEXANDRE NOAH MBOENE <sup>2</sup> , NICOLAS NIEMENAK <sup>1</sup>
17:30- 17:45	CBS22_FNA_ORA 12 COMPARING THE EFFICACY OF BOTANICALS AND SYNTHETIC INSECTICIDE ON THE INCIDENCE OF PINWORM AND FUSARIUM WILT OF TOMATO ( <i>SOLANUM LYCOPERSICUM</i> MILL) OBEN TOM TABI <sup>1</sup> , BESEM DORIS ARREY <sup>2</sup> , AGBOR DAVID TAVI <sup>3</sup> , TEBOH GEORGE MBAH <sup>1</sup> , MBAH ALMA ANDOH <sup>1</sup>
17:45- 18:00	CBS22_FNA_ORA 13 ENTOMOFAUNA OF COCOA-BANANA AND COCOA-INGA <i>EDULIS</i> (FABACEAE) CROPPING SYSTEMS IN NKOLANDOM: ISSUES OF SHADE TREE SELECTION IN CAMEROON <u>DZOKOU V.J.</u> <sup>1*</sup> BEYEGUE DJONKO H, <sup>1</sup> MINSO'O ELE P.B, <sup>1</sup> BITOM OYONO D.L, <sup>1</sup> YAOUBA A, <sup>1</sup> TAMESSE J.L, <sup>2</sup>

## ROOM III: GLOBAL HEALTH AND DISEASE CONTROL (GHDC)

*Chair : NYEMB NYUNAI, Maitre de Recherche*

*Secretary : Sandra Leila NNANGA, Attaché de Recherche*

16:15- 16:30	CBS22_GHDC_ORA 07 <b>SOLUBLE MARKERS OF HIV-1- RELATED SYSTEMIC IMMUNE ACTIVATION ARE ASSOCIATED WITH HIGH PLASMA LEVELS OF GROWTH FACTORS IN HHV8-SEROPOSITIVE ADULTS.</b> <b>Christine B. NANA</b> <sup>1,2*</sup> , Livo F. ESEMU <sup>1,3</sup> , Hyacinthe DN. ATCHOMBAT <sup>1,2</sup> , Therese PM. SOBGUI <sup>1</sup> , Marco CM. NANA <sup>1,2</sup> , Reine NM. SEUMKO'O <sup>1,2</sup> , AWANAKAM H. AWANAKAM <sup>1</sup> , Bernard MZ. BITYE <sup>1,2</sup> , Berenice KT. ZANGUE <sup>1,2</sup> , Loni G. EKALI <sup>1</sup> , Rose FG. LEKE <sup>1,4</sup> , Rosette MEGNEKOU <sup>1,2*</sup>
16:30- 16:45	CBS22_GHDC_ORA 08 <b>AN ASSESSMENT OF PREDICTORS OF DYSLIPIDEMIA IN CHILDREN FROM THE NORTH WEST REGION OF CAMEROON</b> <b>LIFOTER KENNETH NAVTI</b> <sup>1*</sup> LOVELINE LUM NIBA, <sup>2</sup> HERMANN DESIRE MBOUOBDA, <sup>1</sup>
16:45- 17:00	CBS22_GHDC_ORA 09 <b>MICROBIAL ASSESSMENT OF SOME FRUITS AND VEGETABLES COMMONLY SOLD IN RETAIL OUTLETS IN THE MFOUNDI DIVISION OF CAMEROON</b> WATAT STELLA <sup>1</sup> , GINETTE IRMA KAME-NGASSE <sup>2</sup> , EFIETNGAB ATEMBEH-NOURA <sup>2</sup> , JEAN THIERRY EBOGO-BELOBO <sup>2</sup> , TSAFACK JUDITH <sup>2</sup> , <b>NKENGAZONG LUCIA</b> <sup>1,2*</sup>
17:00- 17:15	CBS22_GHDC_ORA 10 <b>BACTERIOLOGICAL PROFILE AND RESISTANCE OF ESCHERICHIA COLI TO BETA-LACTAM FOR PATIENTS CONSULTED AT DOUALA LAQUINTINIE HOSPITAL</b> ESSOLA Josiane KIKIE <sup>1,2</sup> , MEDI SIKE Christiane <sup>2,3</sup> , EMBOLO ENYEGUE Elisee LIBERT <sup>4</sup> , KOA Paulin Kleber <sup>2</sup> , Ornella Vanessa ALACTIO TANGUEU <sup>4</sup> , <b>DJIM-ADJIM-NGANA KARYOM</b> <sup>4,*</sup> , ADIOGO Dieudonne <sup>1</sup>
17:15- 17:30	CBS22_GHDC_ORA 11 <b>DIAGNOSIS OF FUNGAL DISEASES OF AFRICAN PLUM [DACRYODES EDULIS (G. DON) H. J. LAM] IN THREE AGRO ECOLOGICAL ZONES OF CAMEROON AND ANTIFUNGAL ACTIVITY OF PLANT EXTRACTS ORCHARDS DISEASES</b> <b>KUENBOU MANFO JOACHIM</b> <sup>*</sup> , FOMEKEU WILLIAM, DJEUGAP FOVO JOSEPH
17:30- 17:45	CBS22_GHDC_ORA 12 <b>FREQUENCE, MANIFESTATIONS CLINIQUES D'HELICOBACTER PYLORI ISOLE DES BIOPSIES GASTRIQUES ET PROFIL DE RESISTANCE AUX ANTIBIOTIQUES</b> <b>LONTSI T. T. J.</b> <sup>1*</sup> TALI N. L. D, <sup>2</sup> MONI N. E, <sup>1</sup> KENGNE N. L, <sup>1</sup> GONSU K. H, <sup>3</sup> NYEGUE M. A <sup>1</sup>

## ROOM IV: NATURAL PRODUCTS AND MEDICINAL PLANTS

*Chair : Lauve Rachel TCHOKOUAHA YAMTHE, Maitre de Recherche*

*Secretary : Pamela NANGMO KEMDA, Chargé de Recherche*

16:15- 16:30	CBS22_NPMP_ORA 07 <b>INSIGHT INTO THE MECHANISMS UNDERLYING THE TRACHEORELAXANT ACTIVITY OF HARUNGANA MADAGASCARIENSIS STEM BARKS AQUEOUS EXTRACT</b> Jocelyne KENNE BENAILLE <sup>1</sup> , <b>Esther NGO LEMBA TOM</b> <sup>2*</sup> Nourdine MOHAMED <sup>2</sup> , NYEMB NYUNAI <sup>3</sup> , Yannick FOU DA BEKONO <sup>1</sup> , Théophile DIMO <sup>1</sup> .
16:30- 16:45	CBS22_NPMP_ORA 08 <b>ANTI-ANAEMIC AND HEPATO -RENAL ACTIVITIES OF ETHANOL LEAF EXTRACT OF Alchornea cordifolia IN PHENYL HYDRAZINE INDUCED- ANAEMIC WISTAR RATS</b> EZUGWU, HILARY C <sup>1</sup> , IPAV, SELUMUN.S <sup>1</sup> , <b>DASOFUNJO, K</b> <sup>2</sup> , BERINYUY E.B <sup>3</sup>



- 16:45-17:00 CBS22\_NPMP\_ORA 09  
**ANXIOLYTIC AND ANTI-COLITIS EFFECTS OF *MORINGA OLEIFERA* LEAF-AQUEOUS EXTRACT ON ACETIC ACID-INDUCED COLON INFLAMMATION IN RAT**  
PAUL AIMÉ NOUBISSI<sup>1\*</sup>, QUEENDOLINE NJILIFAC<sup>1</sup>, MICHEL ARCHANGE FOKAM TAGNE<sup>2</sup>, FOYET FONDJO ANGELE<sup>3</sup>, FANKEM GAÉTAN OLIVIER<sup>4</sup>, GERMAIN TAIWE SOTOING<sup>1</sup>, RENÉ KAMGAMG<sup>4,5</sup>
- 17:00-17:15 CBS22\_NPMP\_ORA 10  
***KHAYA GRANDIFOLIOLA* C.DC (MELIACEAE): A POTENTIAL SOURCE OF BIOACTIVE COMPOUNDS FOR NOVEL DRUGS AGAINST TOXIC AND HEPATITIS C VIRUS**  
Arnaud FONDJO KOUAM<sup>1,2\*</sup>, Borris Rosnay TIETCHEU GALANI<sup>2,3</sup>, Frederic Nico NJAYOU<sup>2</sup> and Paul FEWOU MOUNDIPA<sup>2</sup>
- 17:15-17:30 CBS22\_NPMP\_ORA 11  
**ANTIBACTERIAL ACTIVITY AND KINETIC PARAMETERS OF THE ESSENTIAL OILS OF *DRYPETES GOSSWEILERI* S. MOORE, *OCIMUN GRATISSIMUM* L. AND *CYMBOPOGON CITRATUS* DC STAPF ON 5 MULTIDRUG-RESISTANT STRAINS OF *SHIGELLA*.**  
Elsa MAKUE NGUIFFO<sup>1\*</sup>, Esther Del Florence MONI NDEDI<sup>1</sup>, Jacky NJIKI BIKOÏ<sup>1</sup>, Jean Paul ASSAM ASSAM<sup>1,2</sup>, Maximilienne Ascension NYEGUE<sup>1</sup>
- 17:30-17:45 CBS22\_NPMP\_ORA 12  
**ANTIPSYCHOTIC PROPERTY OF METHANOL CRUDE EXTRACT OF *PEPEROMIA PELLUCIDA* (L) KUNTH. (PIPERACEA) WHOLE PLANT AGAINST KETAMINE-INDUCED PSYCHOSIS IN MICE**  
ISIMOT TEMITOPE AROWONA<sup>1\*</sup>, AISHAT TOSIN TIAMIYU<sup>1</sup>
- 17:45-18:00 CBS22\_NPMP\_ORA 13  
**INVENTAIRE ET PHYTOMEDECINE DES PLANTES DANS L'ARRONDISSEMENT DE YAGOUA EXTRÊME-NORD CAMEROUN**  
NNANGA Jeanne Flore<sup>1\*</sup>, BOUBA SASSOU Christian<sup>1</sup>, WOUOKOUE TAFFO Junior Baudoin<sup>1</sup>, TODOU Gilbert<sup>1</sup>, FROUMSIA MOKSIA<sup>1</sup>

# Friday, December 2<sup>nd</sup>, 2022

## PLENARY LECTURES

### ROOM II

*Chair: CHO-NGWA Fidelis, Professeur*  
*Secretary: MAFO Marcelle, Chargé de Recherche*

08:30	<b>PLENARY TALK 1 :</b>
09:00	<b>Gabriel MEDOUA NAMA, Directeur de Recherche</b> Recherche en nutrition au Cameroun pour un développement durable
	<b>PLENARY TALK 2 :</b>
09:00	<b>Néhémie TCHINDA DONFAGSITELI, Directeur de Recherche</b>
09:30	Protection et valorisation industrielle des innovations scientifiques au Cameroun dans le domaine de la santé et de l'agriculture

## PARALLEL SESSION 3

### ROOM I: ENVIRONMENT FORESTRY AND CLIMATE CHANGE

*Chair : Gideon AJEAGAH, Professeur*

*Secretary : Leila ZAMBOU ZEBAZE, Chargé de Recherche*

09:30- 09:45	CBS22_EFCC_ORA 13 ETUDE DE LA SEQUESTRATION DU CARBONE DANS UN QUARTIER A HABITATS SPONSTANES DE LA VILLE DE YAOUNDE (ELIG-EFFA OUEST) <u>TCHOMCHENI AUDE JOLIE</u> <sup>1</sup> , KENFACK VOUKENG SONIA NADEGE <sup>1,2</sup> , TUMENTA PRICELIA FOBUZIE <sup>3</sup> & GHOGUE JEAN PAUL <sup>1</sup>
09:45- 10:00	CBS22_EFCC_ORA 14 CARACTÉRISATION DE LA BIODIVERSITÉ DES CLADOCÈRES ET ROTIFÈRES DANS LES EAUX DE MANGROVE DE LA CÔTE LITTORALE CAMEROUNAISE À MOUANKO <u>NANFACK D. R.</u> <sup>1</sup> KOUEDEUM K. E <sup>1</sup> , SOB N. P. B. <sup>1</sup> ZAMBO G. B. <sup>1</sup> MOANONO G. P. <sup>1</sup> BOUDEM C. R. <sup>1</sup> OWONA E. F. <sup>1</sup> ZÉBAZÉ T. S. H. <sup>1*</sup>
10:00- 10:15	CBS22_EFCC_ORA 15 DYNAMICS OF FLORISTIC DIVERSITY AFTER INSTALLATION OF AGROSYSTEMS WITH <i>Elaeis guineensis</i> IN THE MUNICIPALITY OF NGWEI (CAMEROON) <u>BATAMACK NKOUÉ</u> B <sup>1*</sup> , ESSONO D. M <sup>2</sup> , THOMAS G <sup>3</sup> NJILA NANA E. N <sup>1</sup> , ANGONI H <sup>1</sup> , MALA A. W <sup>1</sup>
10:15- 10:30	CBS22_EFCC_ORA 16 DIVERSITÉ DES LARVES D'ODONATES DANS QUELQUES ÉTANGS DU COMPLEXE AGRO-INDUSTRIEL NIÉTÉ-SUD CAMEROUN : INFLUENCE DES FACTEURS ABIOTIQUES <u>MESSOE WILLIAM AURELIEN</u> <sup>1*</sup> , AJEAGAH GIDEON AGHAINDUM <sup>1</sup> , ACHA YANNICK ACHA <sup>1</sup> , ENAH DICKSON <sup>2</sup> , MBOUOMBOUO MAMA <sup>2</sup> , TSOMENE NAMEKONG PIERRE <sup>2</sup> , YONGUI ATCHOUKEU DANIELLE <sup>2</sup>
10:30- 10:45	CBS22_EFCC_ORA 17 ETAPES PRELIMINAIRES POUR LA CONSERVATION DES PLANTES AQUATIQUES D'EAU DOUCES DU CAMEROUN <u>SN. KENFACK VOUKENG</u> <sup>1,2</sup> , JP. GHOGUE <sup>1</sup>

10:45-11:00	CBS22_EFCC_ORA 18 <b>DIVERSITY OF VASCULAR EPIPHYTES IN A LOWLAND TROPICAL FOREST IN THE EAST DOUALA-EDEA NATIONAL PARK, CAMEROON</b> <b><u>KENFACK CONSTANT BOREL</u></b> <sup>1</sup> , NGOTTA BIYON JACQUES BRUNO <sup>1*</sup> , BELL DANIELLE MAGLOIRE <sup>1</sup> , NGUIMFACK DONGMO JASMINE <sup>1</sup> , SERAPHINE EBENYE MOKAKE <sup>1</sup> , BETTI JEAN LAGARDE <sup>2</sup>
11:00-11:15	
11:15-12:00	Coffee/Tea Break + Poster Sessions

## ROOM II: FOOD NUTRITION AND AGRICULTURE (FNA)

**Chair:** Lauve Rachel TCHOKOUAHA YAMTHE, Maitre de Recherche

**Secretary:** Francine MEDIESSE KENGNE, Chargé de Recherche

09:30-09:45	CBS22_FNA_ORA 14 <b>DIVERSITE DES RAVAGEURS ASSOCIES A LA DETERIORATION DES POISSONS FUMES DE MANOKA, MOUANKO ET YOUPWE AU COURS DU STOCKAGE</b> PEYIENO M. J1, TEKOU N2, YANTCHO T. L3, <b><u>TAMGNO B. R2*</u></b> , LENG M. S1, TCHOUMBOUGNANG F.3
09:45-10:00	CBS22_FNA_ORA 15 <b>IMPACT DE L'ACTIVITE DE BUTINAGE DE APIS MELLIFERA (HYMENOPTERA, APIDAE) SUR LE RENDEMENT DE ALLIUM CEPA L.1753 VAR CHAGARI (LILIACEES) DANS LA LOCALITE DE MOKONG (MAYO-TSANAGA, EXTREME-NORD ; CAMEROUN)</b> Koffa Amadou <sup>1*</sup> , Denis Djonwangwé <sup>2</sup> , Fernand-Nestor Tchuengem Fohouo <sup>1 et 3</sup> .
10:00-10:15	CBS22_FNA_ORA 16 <b>EFFECT OF A BIOFORMULATED FUNGICIDE ON THEOBROMA CACAO L. DEFENSE AGAINST BLACK PODS DISEASE CAUSE BY PHYTOPHTHORA MEGAKARYA.</b> <b><u>FOKA TATIEKAM EBENEZER</u></b> <sup>1, 2, *</sup> , GONZALEZ-LAMOTHE MARIA ROCIO <sup>2</sup> , LERAT SYLVAIN <sup>2</sup> , BEAULIEU CAROLE <sup>2</sup> , BOUDJEKO THADDÉE. <sup>1</sup> , BOUARAB KAMAL. <sup>2</sup>
10:15-10:30	CBS22_FNA_ORA 17 <b>PHENOTYPIC CHARACTERISATION OF INDIGENOUS TAURINE CATTLE OF CAMEROON IN THEIR NATURAL ENVIRONMENT</b> EMMANUEL TAKOR OJONG <sup>1*</sup> , HAKO TOUKO BLAISE ARNAUD, <sup>2</sup> KINGSLEY AGBOR ETCHU <sup>3</sup> , JOSELINE MOTSA'A SOB <sup>2</sup> , WOZEROU NGHONJUYI NDALEH <sup>1</sup> , YOUCHAHOU POUTOUGNIGNI MATENCHI <sup>4</sup> , P.M. OBEN <sup>1</sup> , CHRISTIAN KEAMBOU TIAMBO <sup>5*</sup>
10:30-10:45	CBS22_FNA_ORA 18 <b>USE OF PHOSPHATE SOLUBILIZING FUNGI (PSF) MANURE FROM SOYBEANS RHIZOSPHERE TO IMPROVE IRISH POTATO (SOLANUM TUBEROSUM L.) PLANT GROWTH</b> <b><u>PANGUEPKO F. C.</u></b> <sup>1*</sup> BOBGA C, <sup>1</sup> FOMO J, <sup>1,2</sup> FOTSO, <sup>2</sup> MBOUOBDA H. D <sup>1,2</sup>
10:45-11:00	CBS22_FNA_ORA 19 <b>EVALUATION OF THE AGRONOMIC PERFORMANCES OF SOME SOYBEAN VARIETIES AND THEIR NITROGEN FIXATION RATES</b> <b><u>MANET L.</u></b> <sup>1,2*</sup> , BOYOMO O, <sup>3</sup> NGONKEU E. L. M, <sup>2,4</sup> MOUAFOT. H, <sup>1</sup> LOMBEKO V. T. O, <sup>4</sup> AKEM M. N, <sup>4</sup> MEDOUA G. N, <sup>1</sup> BEGOUDÉ D. B <sup>4</sup>
11:00-11:15	CBS22_FNA_ORA 20 <b>EFFET DES EXTRAITS AQUEUX DE LANTANA CAMARA ET DE TITHONIA DIVERSIFOLIA SUR LES PRINCIPAUX RAVAGEURS DE LA TOMATE (<i>Lycopersicon esculentum</i> Mill.) DANS LA LOCALITE DE DSCHANG-CAMEROUN</b> <b><u>JACINTH CHIREL NDOUNKING</u></b> , <sup>1*</sup> EDWIGE SIDOINE DJOMAHA <sup>2</sup> ET MAURINE YEFFOU NGOULA KENNE <sup>3</sup>

11:15-  
12:00

Coffee/Tea Break + Poster Sessions

## ROOM III: GLOBAL HEALTH AND DISEASE CONTROL (GHDC)

*Chair: Valerie MAGOGE, Maitre de Recherche*

*Secretary: Jean Thierry EBOGO BELOBO, Chargé de Recherche*

09:30-09:45	<p>CBS22_GHDC_ORA 13</p> <p><b>BATS IN WEST AND CENTRAL AFRICA ARE INFECTED WITH A WIDE DIVERSITY OF CORONAVIRUSES, INCLUDING VARIANTS CLOSELY RELATED TO HUMAN CORONAVIRUSES, AT HIGH PREVALENCES.</b></p> <p>META DJOMSI Dowbiss<sup>1</sup>, LACROIX Audrey<sup>2</sup>, SOUMAH ABDOUL Karim<sup>3</sup>, KINGANDA LUSAMAKI Eddy<sup>4</sup>, MESDOUR Asma<sup>2</sup>, RAULINO Raisa<sup>2</sup>, ESTEBAN Amandine<sup>2</sup>, NDONG BASS Innocent<sup>2</sup>, GOUMOU Souana<sup>4</sup>, NDIMBO- KIMUGU Simon Pierre<sup>4</sup>, AHUKA-MUNDEKE Steve<sup>4,5</sup>, KEITA ALPHA Kabinet<sup>3</sup>, MPOUDI NGOLE Eitel<sup>1</sup>, KOUANFACK Charles<sup>1</sup>, DELAPORTE Eric<sup>2</sup>, AYOUBA Ahidjo<sup>2</sup>, MARTINE Peeters<sup>2</sup>.</p>
09:45-10:00	<p>CBS22_GHDC_ORA 14</p> <p><b>BACTERIOLOGICAL CHARACTERISTICS OF DIABETIC FOOT INFECTION AND SUSCEPTIBILITY OF MULTIRESTANT ISOLATES TO HYDRAULIC EXTRACTS FROM ALLIUM SATIVA, ALLIUM CEPA AND CANNABIS SATIVA</b></p> <p><b>SHARONNE LADIFF KOKO-TA<sup>1*</sup></b>, ESTHER DEL FLORENCE MONI NDEDI<sup>1</sup>, MESMIN YEFOU DEHAYEM<sup>2, 3</sup>, ELSA NGUIFFO MAKUE<sup>1</sup>, ALEXANDRA EMMANUELLE MEMBANGBI<sup>1</sup>, DONATIEN SERGE MBAGA<sup>1</sup>, CHRIS ANDRÉ MBONGUE MIKANGUE<sup>1</sup>, JACKY NJIKI BIKO<sup>1</sup></p>
10:00-10:15	<p>CBS22_GHDC_ORA 15</p> <p><b>ANTIBIORÉSISTANCE SAISONNIÈRE DES SOUCHES DE SALMONELLA SPP. ET ESCHERICHIA COLI ISOLÉES DES EAUX DES PUITTS DE LA VILLE DE MOUNDOU AU TCHAD</b></p> <p><b>DIONKAS J<sup>1,2</sup></b>, NGANDOLO N. B<sup>2</sup>, ZÉBAZÉ TOGOUET S. H<sup>1*</sup></p>
10:15-10:30	<p>CBS22_GHDC_ORA 16</p> <p><b>QUALITE MICROBIOLOGIQUE DES POISSONS FRAIS ET CONGELES VENDUS DANS LA VILLE DE YAOUNDE</b></p> <p><b>METIETSE KANKEU MARTHE</b>, NKOUDOU ZE, NKOUE ABRAHAM, SADO KAMDEM SYLVAIN LEROY, ESSIA NGANG JEAN JUSTIN*</p>
10:30-10:45	<p>CBS22_GHDC_ORA 17</p> <p><b>DISTRIBUTION OF HELMINTH RESISTANCE FORMS IN SURFACE WATERS IN YAOUNDE (CAMEROON)</b></p> <p>MBASSI MBIDA M.B.1,2, ATEMBEH N.2, MESSOE W.A.1, NKENGAZONG L.2 et <b>ZEBAZE TOGOUET S.H.1*</b></p>
10:45-11:00	<p>CBS22_GHDC_ORA 18</p> <p><b>MICRO-CARTOGRAPHIE DE LA SCHISTOSOMIASE HUMAINE DANS LA COMMUNE DE KAÏ-KAÏ DANS LA REGION DE L'EXTRÊME NORD DU CAMEROUN</b></p> <p><b>ROMUALD ISAKA KAMWA NGASSAM<sup>1*</sup></b>, OUSMAN ILLA<sup>1</sup>, JEAN BAPTISTE MALIKI<sup>1</sup>, BASGA PARFAIT LAURENT<sup>2</sup>, NKENGAZONG LUCIA<sup>3,4</sup>, LOUIS-ALBERT TCHUEM TCHUENTE<sup>5</sup></p>
11:00-11:15	<p>CBS22_GHDC_ORA 19</p> <p><b>ETUDE PILOTE DE L'IMPACT DE LA CHIMIOThERAPIE SUR LA DYNAMIQUE RENALE DES PATIENTES ATTEINTES DE CANCER DU SEIN ET DU COL DE L'UTERUS A HOPITAL GENERAL DE DOUALA.</b></p> <p><b><sup>1</sup>FOTSO CHIDJOU ISAAC ULRICH *</b>, <sup>1</sup>ASSOKOM ELIANE VANESSA, <sup>2</sup>ESTHER DINA BELL, <sup>3</sup>EMBOLO ELISEE ENYEGUE, <sup>2</sup>OLEMBA CLEMENCE ET <sup>1</sup>MARTIN LUTHER KOANGA MOGTOMO.</p>
11:15-12:00	Coffee/Tea Break + Poster Sessions

## ROOM IV: NATURAL PRODUCTS AND MEDICINAL PLANTS (NPMP)

*Chairs: Pascal DJAMEN CHUISSEU, Maitre de Conférences*

*Secretary: Lucie OJONG, Chargé de Recherche*

09:30-09:45	CBS22_NPMP_ORA 14 <b>PHYTOCHEMISTRY AND BIOLOGICAL ACTIVITY OF ACACIA POLYACANTHA (MIMOSACEAE)</b> <b><u>TOMFEUN NGANOU SANDRINE CAROLE</u><sup>1</sup> ; NGADJUI TCHALEU BONAVENTURE.<sup>1*</sup>, TCHOUKOUA ABDOU.<sup>2</sup></b>
09:45-10:00	CBS22_NPMP_ORA 15 <b>PREVENTIVE EFFECTS OF THE AQUEOUS EXTRACT OF THE LEAVES AND STEMS OF <i>Desmodium adscendens</i> (FABACEAE) AGAINST GENTAMICINE-INDUCED NEPHROTOXICITY IN RATS.</b> <b><u>NKWAGWA NKWAYEP DAFANE FERRO</u><sup>1*</sup>, ATSAMO ALBERT DONATIEN<sup>2</sup>, SONFACK CHRISTELLE STÉPHANIE<sup>1</sup>, BOGNING ZANGUEU CALVIN<sup>1</sup>, KUINZE NKONJAP AUGUSTINE<sup>1</sup>, NGUEMNANG TCHATCHOUANG RUSSELLE CAMELLIE<sup>1</sup>, KOJOM JACQUY JOYCE<sup>1</sup>, DONGMO ALAIN BERTRAND<sup>1</sup></b>
10:00-10:15	CBS22_NPMP_ORA 16 <b>EFFECTS OF <i>TENGHO'S</i> DRINK ON INFLAMMATORY CYTOKINES IN A SCOPOLAMINE-INDUCED NEUROINFLAMMATION MODELS IN OVARIECTOMIZED WISTAR RATS</b> <b><u>DJIKEM TADAH Rudig NIKANOR</u><sup>1</sup>, DJIOGUE Sefirin<sup>1</sup>, MASSOP WAMBA NDE Christelle<sup>1</sup>, NJAMEN Dieudonne<sup>1</sup></b>
10:15-10:30	CBS22_NPMP_ORA 17 <b>EFFECTS OF <i>CHROMOLAENA ODORATA</i> LEAF MEAL SUPPLEMENTATION ON EGG QUALITY, SEMEN CHARACTERISTICS, AND SOME STRESS MARKERS ON BRAHMA CHICKEN (<i>GALLUS GALLUS DOMESTICUS</i>)</b> <b>CHOUEGOUONG T. M.<sup>1,2</sup> NGUEMMOGNE T. G.,<sup>1</sup> PIERRETTE N. B.<sup>1,3</sup> GHOMSI M. O. S,<sup>1,2</sup> ENAMOU M. G,<sup>1</sup> TIENCHEU B. L,<sup>1</sup> MONGO B. G,<sup>1</sup> NYA D. S,<sup>1</sup> SULEM Y. N. N,<sup>1,3</sup> OWONA P. E,<sup>5</sup> MENGUE N. Y,<sup>4,5</sup> <u>ETCHU A. K.</u><sup>1*</sup></b>
10:30-10:45	CBS22_NPMP_ORA 18 <b>PROTECTIVE EFFECTS OF THE AQUEOUS EXTRACT OF <i>Ganoderma boninense</i> (GANODERMATACEAE) AGAINST PARASTAR-INDUCED HEPATOTOXICITY IN MALE WISTAR RATS (<i>RATTUS NORVEGICUS</i>)</b> <b><u>KAGHOU MABEL MBIFUNG</u><sup>1*</sup>, TANGU NEHEMIAH NJEGWE<sup>1</sup>, KADA SANDA ANTOINE<sup>2</sup>, MANFO TSAGUÉ FAUSTIN PASCAL<sup>3</sup>, NANTIA AKONO EDOUARD<sup>1</sup></b>
10:45-11:00	CBS22_NPMP_ORA 19 <b>NATURAL BEVERAGE PRESERVATIVES FROM ESSENTIAL OILS MIXTURES: ANTIOXIDANT AND STABILITYPOTENTIAL ON <i>Hibiscus sabdariffa</i></b> <b>KENFACK NGUIMATSIA Samantha Brandy<sup>1</sup>, TONYE Emmanuel Leroy<sup>1</sup>, KABEYENE Marcelle Ornella<sup>1</sup>, BIDJA MENGUE Jaures<sup>2</sup>, KAMSU NOUMEGNA Francince Pamela<sup>1</sup>, <u>NGUIKWIE Sylvie</u><sup>1*</sup>, JAZET DONGMO Pierre Michel<sup>1</sup>.</b>
11:00-11:15	CBS22_NPMP_ORA 20 <b>BIO-GUIDED INVESTIGATION OF A CAMEROONIAN MEDICINAL PLANT WITH ANTICANDIDAL ACTIVITY: <i>MONOTES KERSTINGII</i> (DIPTEROCARPACEAE)</b> <b><u>KACHE FOTSING SORELLE</u><sup>1</sup>, NGADJUI TCHALEU BONAVENTURE<sup>1</sup>, NDJAKOU LENTA BRUNO<sup>2</sup>, FOTSO WABO GHISLAIN<sup>1*</sup></b>
11:15-12:00	Coffee/Tea Break + Poster Sessions

## PARALLEL SESSION 4

### ROOM I: NATURAL PRODUCTS AND MEDICINAL PLANTS

**Chair :** Armelle DEUTOU TCHAMGOUE, Maitre de Recherche IMPM

**Secretary :** Francine MEDIESSE, Chargé de Recherche

12:00-12:15	<p>CBS22_NPMP_ORA 21 <b>IN VITRO, IN VIVO ANTIOXIDANT PROPERTIES AND EFFECTS ON KIDNEYS AND LIVER FUNCTION OF AQUEOUS EXTRACTS OF <i>HIBISCUS SABDARIFFA</i>, <i>ZINGIBER OFFICINALE</i> AND <i>MENTHA SPICATA</i> IN WISTAR HIGH-FAT DIET RATS</b> NKEPNDEP T. S. V<sup>1</sup>, DONGHO D. F. F<sup>1*</sup>, LIENOU L. L.<sup>1</sup> MAFFO T. G.<sup>2</sup> DJEUKEU A. W.<sup>3</sup> MANZ K. J. C.<sup>1</sup> BOGNING Z. C.<sup>4</sup> MBIATAT H. D. G.<sup>5</sup> EBELLE E. R. M.<sup>1</sup> GOUADO I<sup>*</sup></p>
12:15-12:30	<p>CBS22_NPMP_ORA 22 <b>SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF COBALT (II) COMPLEX OF ACID 2-(3-ACETYL-4-HYDROXYPHENYL-AZO)-4-(2-HYDROXY-PHENYL)-THIOPHENE-3-CARBOXYLIC</b> SOPBUE FONDJO E *<sup>1</sup>, <b>SONGMI FEUZE S.</b><sup>1</sup> TSOPMO A.<sup>2</sup> TAMOKOU J. D. D. <sup>3</sup> DOUNGMO G.<sup>4</sup> PETER SIMON F. W.<sup>5</sup> KUIATE J.-R. <sup>3</sup></p>
12:30-12:45	<p>CBS22_NPMP_ORA 23 <b>EFFECTS OF AFRAMOMUM ESSENTIAL OILS ON PROSTATE CANCER CELL LINES, BENIGN PROSTATIC HYPERPLASIA, ANDROGENICITY AND OESTROGENICITY.</b> <b>ADJOFFOIN CHIARA NANGE</b><sup>1*</sup>, SEFIRIN DJIOGUE<sup>1</sup>, STÉPHANE ZINGUE<sup>3</sup> BAKAM BERLISE<sup>1</sup>, KEVINE KAMGA SILIHE<sup>2</sup>, JÜNGEL E<sup>4</sup>, NJAMEN DIEUDONNÉE<sup>1,4</sup>,</p>
12:45-13:00	<p>CBS22_NPMP_ORA 24 <b>EVALUATION OF ANTILEISHMANIAL AND CYTOTOXICITY ACTIVITY OF SECONDARY METABOLITES FROM THE LEAVES OF <i>FUNTUMIA ELASTICA</i> (PREUSS) STAFF. (APOCYNACEAE)</b> <b>KOM MA'MAG DJOUA Larissa</b><sup>1,2*</sup>, KOPA K. Theodora <sup>1,3</sup>, TCHOKOUAHA Y. L. Rachelle<sup>3</sup>, NGONO B. Dominique.<sup>1</sup>, PEGNYEMB Dieudonne.</p>
13:00-13:15	<p>CBS22_NPMP_ORA 25 <b>ANTIMICROBIAL AND ANTIOXIDANT ACTIVITIES OF <i>STREPTOMYCES</i> SP. PFK4: ITS POTENTIAL MODES OF ACTION AND BIOACTIVE SECONDARY METABOLITES.</b> <b>MEPONG N.F.</b><sup>1</sup>, DJUIDJE K.P.F<sup>1</sup>, TAGATSING F.M<sup>2</sup>, BOUDJEKO T<sup>1,3*</sup></p>
13:15-13:30	<p>CBS22_NPMP_ORA 26 <b>CHEMICAL INVESTIGATION OF TWO CAMEROONIAN MEDICINAL PLANTS WITH ANTIPLASMODIAL ACTIVITIES: <i>HOLARRHENA FLORIBUNDA</i> (APOCYNACEAE) AND <i>LOVOA TRICHILIOIDES</i> (MELIACEAE)</b> <b>POSSI. D. E. L.</b><sup>1*</sup> NOELLA. E.<sup>2</sup> CHOUNA. J. R.<sup>3</sup> NDJAKOU. L. B.<sup>4</sup></p>
13:30-13:45	<p>CBS22_NPMP_ORA 27 <b>ANTIFUNGAL ACTIVITY OF ESSENTIAL OIL OF <i>CYMBOPOGON CITRATUS</i> ON <i>ASPERGILLUS</i> SPECIES ISOLATED FROM <i>ETHMALOSA FIMBRIATA</i></b> <b>KAMGUE KOMYUM B.S.</b><sup>1</sup>, SAMEZA M.L.<sup>1</sup>, JAZET DONGMO P.M.<sup>1</sup>, KORO KORO F.<sup>1,2</sup></p>
13:45-14:00	<p>CBS22_NPMP_ORA 28 <b>CHEMICAL INVESTIGATION OF TWO CAMEROONIAN MEDICINAL PLANTS WITH ANTISALMONELLA ACTIVITY: <i>PITTOSPORUM VIRIDIFLORUM</i> (PITTOSPORACEAE) AND <i>PAULLINIA PINNATA</i> (SAPINDACEAE)</b> <b>AMAHNDONG Mathilda LOINSEBOH</b><sup>1*</sup>, MAWABO KAMGA Isabelle<sup>2</sup>, BANKEU KEZETAS Jean Jules<sup>3</sup>, LENTA NDJAKOU Bruno<sup>4</sup></p>
14:00-15:00	<p>Break/Lunch</p>

## ROOM II: FOOD NUTRITION AND AGRICULTURE

**Chair :** Judith T. TSAFACK, *Maitre de Recherche*  
**Secretary :** Henriette DIMODI, *Chargé de Recherche*

12:00-12:15	CBS22_FNA_ORA 21 ADAPTATION AGRONOMIQUE, BIOCHIMIQUE ET QUALITE TECHNOLOGIQUE DES VARIETES DE BLE TENDRE ( <i>TRITICUM AESTIVUM</i> L.) CULTIVEES EN HAUTE ET BASSE ALTITUDES DANS LA ZONE V AU CAMEROUN <b><u>TSIMI MMALA PATRICK</u><sup>1*</sup></b> , NGONKEU MANGAPTICHE E.L. <sup>1*</sup>
12:15-12:30	CBS22_FNA_ORA 22 BIO ACTIVITE DE L'EAU ACTIVEE PAR PLASMA, DU SODIUM BICARBONATE, DU VINAIGRE ET DES BIO-PESTICIDES SUR LE MILDIOU DE LA TOMATE ( <i>SOLANUM LYCOPERSICUM</i> L.) <b><u>A.M. NJOPKOU TENKAP</u></b> ; J. DJEUGAP FOVO; F. PIANTA
12:30-12:45	CBS22_FNA_ORA 23 EFFECTS OF VARYING TEMPERATURES, GROWTH MEDIA ON GERMINATION AND BIOLOGICAL CONTROL OF SEED OF <i>AFRAMOMUM CITRATUM</i> K. SCHUM DJEUGAP F. J. <sup>1</sup> , <b><u>NOUTEKA K. N.J.</u></b> <sup>1*</sup> , NGALLE F.S <sup>1</sup> , FOU DA K.E. <sup>1</sup>
12:45-13:00	CBS22_FNA_ORA 24 BIOLOGY OF <i>Diaphorina</i> SP. (HEMIPTERA-STERNORRHYNCHA-PSYLLIDAE), PSYLLID PEST OF <i>Vernonia hymenolepis</i> (ASTERACEAE) IN MENOUA <sup>1a</sup> <b><u>LONTCHI FOFE NICAISE</u></b> , <sup>1a</sup> DZOKOU VICTOR JOLY, <sup>1b</sup> BITOM OYONO DIEUDONNÉ LUCIEN, <sup>2</sup> TAMESSE JOSEPH LEBEL
13:00-13:15	CBS22_FNA_ORA 25 ASSESSMENT OF SOME ROOT AND FOLIAR DISEASES OF CABBAGE IN THE WESTERN HIGHLANDS OF SANTA (NORTHWEST REGION, CAMEROON) <b><u>NSAH FRANCOLINE SAMA</u></b> <sup>1</sup> , TONJOCK ROSEMARY KINGE <sup>1</sup> AND MBONG GRACE ANNIH <sup>2</sup>
13:15-13:30	CBS22_FNA_ORA 26 EFFET DES PRODUITS BIOSTIMULANTS SUR LA CROISSANCE ET L'ACCUMULATION EN MICROELEMENTS ET EN ANTIOXYDANT DANS <i>ALLIUM SATIVUM</i> L. CULTIVES EN MILIEU HYDROPONIQUE <b><u>ZANGUE MEKUKO C.F.</u></b> <sup>1</sup> , ELOCK MBANG G. <sup>1</sup> , WASSOM D.F. <sup>1</sup> , KOM TIMMA W.J. <sup>1</sup> , KENGOU M DJAM M.P. <sup>1</sup> , DAMTSE DAMTSE E.C. <sup>1</sup> , TATSEGOUCK N.R. <sup>1</sup> , MESHUNEKE A. <sup>1</sup> , TSAFACK T.J.J. <sup>4</sup> , EWANE C.A. <sup>1,3*</sup> , NIEMENAK N. <sup>2,3</sup>
13:30-13:45	CBS22_FNA_ORA 27 INVESTIGATION OF BIOCHEMICAL MARKERS OF PLANT GROWTH PROMOTION AND DEFENSE IN WHITE GARLIC ( <i>ALLIUM SATIVUM</i> ) TREATED WITH SOME BIOSTIMULANTS IN HYDROPONIC MEDIUM <b><u>TAKANG BEYANG GLEN AYUKETA</u></b> <sup>1</sup> , WASSOM FABRICE <sup>1</sup> , ELOCK MBANG GASTON <sup>1</sup> , KOM TIMA WALTERS JOSPIN <sup>1</sup> , KENGOU M DJAM MARIE PAULE <sup>1</sup> , DAMTSE DAMSTE ERICA CABRELLE <sup>1</sup> , TATSEGOUCK ROBINSON <sup>1</sup> , MESHUNEKE AROUNA <sup>1</sup> , EWANE CECILE ANNIE <sup>1,3*</sup> , NIEMENAK NICOLAS <sup>2,3</sup>
13:45-14:00	CBS22_FNA_ORA 28 PATTERN TRIGGERED IMMUNITY CONSERVED GENES IN <i>THEOBROMA CACAO</i> <b><u>FOUNDIKOU PAUL CRÉPIN</u></b> <sup>1</sup> , FRANCIS OTHON LIKEN <sup>1</sup> , EPIPHANIE DOUANLA NDJOUTSE <sup>1</sup> , EMILE MINYAKA <sup>1</sup> , NICOLAS NIEMENAK <sup>2</sup> ALEXANDRE MBOENE NOAH <sup>1*</sup>
14:00-15:00	Break/Lunch

## ROOM III: NATURAL PRODUCTS AND MEDICINAL PLANTS



**Chair : Nicole NGUEDJE, Maitre de Conférences**  
**Secretary : Djamilia ZOUHEIRA, Chargé de Recherche**

12:00-12:15	<p>CBS22_NPMP_ORA 29 <b>INVESTIGATING THE ANTIBACTERIAL, ANTIOXIDANT, AND ANTI-INFLAMMATORY ACTIVITIES OF AQUEOUS AND HYDROETHANOLIC EXTRACTS OF <i>OCIMUM BASILICUM</i> AND <i>OCIMUM GRATISSIMUM</i> ON SOME GERMS RESPONSIBLE FOR AEROBIC VAGINITIS</b> <b><u>DONGMO ZANGUE Arlette</u></b><sup>1</sup>, DJOVA Seteve Valdi<sup>2</sup>, KENGNE GOUNMADJE Landry<sup>3</sup>, NDJIB rosette<sup>4</sup>, NGONGANG TCHAMI Dimitri<sup>4</sup>, NDOYE FOE Florentine<sup>3</sup>, LEBIKA BANGOP Muriel Maella<sup>1</sup>, DONGMO JIONGO Sharelle Marhinna<sup>1</sup>. AND *NYEGUE Maxilène Ascension<sup>1</sup></p>
12:15-12:30	<p>CBS22_NPMP_ORA 30 <b>ETHANOLIC EXTRACT OF <i>AFRAMOMUM ANGUSTIFOLIUM</i> SEEDS HAS ANTITUMORAL PROPERTIES AND PROTECTS AGAINST TAMOXIFEN-INDUCED SIDE EFFECTS IN A DMBA-INDUCED BREAST CANCER MODEL IN WISTAR RATS</b> <b><u>MAKAMWE Inelle</u></b><sup>1*</sup>, MBONG Angie Mary-Ann<sup>1</sup>, NTENTIE Françoise Raïssa<sup>1</sup>, TIENOUE FOTSO HUINY Miriane<sup>1</sup>, KENGNE NOUEMSI Anne Pascale<sup>2</sup>, OBEN Julius ENYONG<sup>1</sup></p>
12:30-12:45	<p>CBS22_NPMP_ORA 31 <b>TOXICOLOGICAL PROFILE OF THE METHANOL EXTRACT OF <i>MORINDA LUCIDA</i> BENTH. (RUBIACEAE) LEAVES: A MEDICINAL PLANT USED IN THE TREATMENT OF GASTROENTERICA IN TRADITIONAL CAMEROONIAN MEDICINE</b> <b><u>CIDJEU P. C. L.</u></b><sup>1</sup>, LIENOU L. L.<sup>1</sup>, TCHIENCHEU R.<sup>1</sup>, MASOOHE M. A.<sup>1</sup>, ABOUDI E. C. E.<sup>1</sup>, BEACK B. S. S.<sup>1,2</sup>, DONGHO D. F. F.<sup>1</sup>, EBELLE E. M. R.<sup>1,2</sup>, TCHOUMBOUGNANG F.<sup>3</sup>, NGONO N. A. R<sup>1</sup></p>
12:45-13:00	<p>CBS22_NPMP_ORA 32 <b>ANTIDEPRESSANT EFFECTS OF THE AQUEOUS LYOPHILISATE OF THE LEAVES OF <i>MALVA VISCUS ARBOREUS</i> DILL. EX CAV. AGAINST EPILEPSY-ASSOCIATED DEPRESSION IN RATS</b> <b><u>ADASSI M. B.</u></b><sup>1</sup>, NGOUPAYE T. G<sup>2</sup>, YASSI F. B<sup>3</sup>, FOUTSOP F. A<sup>2</sup>, KOM D. T<sup>1</sup>, NGO BUM E<sup>1</sup></p>
13:00-13:15	<p>CBS22_NPMP_ORA 33 <b>CHEMICAL STUDIES OF TWO CAMEROONIAN MEDICINAL PLANTS: <i>ZANTHOXYLUM GILETII</i> (RUTACEAE), <i>STERCULIA TRAGACANTHA</i> (MALVACEAE) AND EVALUATION OF THEIR BIOLOGICAL ACTIVITY.</b> <b><u>KAMTCHOUM NGAMGA Larissa Sandra</u></b><sup>1</sup>, OUAHOUE WACHE Blandine Marlyse<sup>1</sup>, Farzana Shaheen<sup>2</sup>, NJATENG GUY Sedar Singor<sup>3</sup> and NKENGFAK Augustin Ephrem <sup>1</sup></p>
13:15-13:30	<p>CBS22_NPMP_ORA 34 <b>PROTECTIVE POTENTIAL OF SOME ENDOPHYTIC BACTERIA AGAINST FUNGI RESPONSIBLE FOR POSTHARVEST ROT OF GROUNDNUT SEEDS</b> <b><u>FOKOM R</u></b><sup>1*</sup>, <b><u>WANDJI Y. R</u></b><sup>2*</sup>, PIERRE E<sup>3</sup>, TOGHUEO K. R. M<sup>2</sup>, NYA D. V<sup>2</sup>, YIMTA Y. D<sup>2</sup>, NGUEMNANG M. L. C<sup>2</sup>, TAMGHE G. G. P<sup>2</sup>, KOUOKAP K. L. R<sup>2</sup>, FEKAM B. F<sup>2</sup></p>
13:30-13:45	<p>CBS22_NPMP_ORA 35 <b>PHYTOCHEMICAL SCREENING OF PLANTS USED AGAINST COVID-19 IN FAKO DIVISION SOUTH WEST REGION, CAMEROON</b> FONGE B. A.<sup>1</sup> ANYINKENG. N.<sup>2</sup> <b><u>KENGNE K. A. C.</u></b><sup>1,2,3*</sup> 3*</p>
13:45-14:00	<p>CBS22_NPMP_ORA 36 <b>SEARCH FOR ANTIPLASMODIAL COMPOUNDS FROM THE STEM BARKS OF TWO CAMEROONIAN <i>ZANTHOXYLUM</i> SPECIES: <i>Z. GILLETII</i> AND <i>Z. DINKLAGEI</i> (RUTACEAE)</b> <b><u>HERMIA NALOVA IKOME</u></b><sup>1,2</sup>, ALEMBERT TIABOU TCHINDA<sup>2</sup>, AUGUSTIN EPHREM NKENGFAK<sup>1</sup></p>
14:00-15:00	Break/Lunch

**ROOM IV: NATURAL PRODUCTS AND MEDICINAL PLANTS**

**Chair : Haman TOFEL, Professeur**  
**Secretary: Marcelle MAFO, Chargé de Recherche**

12:00- 12:15	CBS22_NPMP_ORA 37 <b>EVALUATION DE L'ACTIVITE ANTIBACTERIENNE DES EXTRAITS DE ARTHROSPIRA PLATENSIS SUR DES BACTERIES HABITUELLEMENT MULTIRESISTANTES</b> <b><u>SIGNE S. W.</u></b> <sup>1,2,4</sup> , ASSIENE S. <sup>1,2</sup> , FOSSO S. <sup>2,4</sup> , GONSU K. H. <sup>4</sup>
12:15- 12:30	CBS22_NPMP_ORA 38 <b>CHEMICAL CONSTITUENTS FROM XYLOPIA HYPOLAMPRA MILDBR. (ANNONACEAE)</b> <b>MARCELLE. AUDE. MAFO FOKAM</b> <sup>1*</sup> , CARINE. MVOT AKAK <sup>2</sup> , AUGUSTIN. EPHREM. NKENGFACK <sup>2</sup>
12:30- 12:45	CBS22_NPMP_ORA 39 <b>EXTRACTS FROM SECURIDACA LONGEPEDUNCULATA (POLYGALACEAE) DISPLAY IN VITRO ANTI-TRYPANOSOMAL AND ANTIOXIDANT POTENCY.</b> KEMZEU Raoul <sup>1</sup> ; MGUEZE YE Yvette <sup>2</sup> ; TCHOKOUAHA YAMTHE Lauve R. <sup>2*</sup> ; LUNGA Paul KEILAH <sup>1</sup> .
12:45- 13:00	CBS22_NPMP_ORA 40 <b>EVALUATION OF THE ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF THE FRUIT OF <i>Raphia farinifera</i></b> <b><u>MEMBANGMI KOFANE AMANDINE</u></b> <sup>1</sup> ; KOUTEU Paul Alain <sup>1</sup> ; KEMEGNE Gislaine Aurélie <sup>2</sup> ; FANTA Yadang Sabine Adeline <sup>2</sup> ; TCHAMALEU Toukak Vivien Donald <sup>2</sup> ; TCHUIFON Donald <sup>1</sup> ; AGBOR Agbor Gabriel <sup>2</sup>
13:00- 13:15	CBS22_NPMP_ORA 41 <b>PHYTOCHEMICALS STUDIES OF THE EXTRACTS OF TWO PLANTS LANTANA CAMARA (VERBENACEAE) AND EUGENIA ANCORIFERA (MYRTACEAE). APPLICATION TO WATER DISINFECTION</b> TCHAPO DJAPPA CARLAIN EMAR <sup>1*</sup> , TAMSA ARFAO <sup>2</sup> , HUGUES FOUOTSA <sup>3</sup> , TSAMO TONTSA <sup>1</sup> , ARMELLE <sup>1</sup> , NANGMO KEMDA PAMELA <sup>4</sup> , MKOUNGA PIERRE <sup>1</sup> ; NKENGFACK AUGUSTIN EPHREM <sup>1</sup>
13:15- 13:30	CBS22_NPMP_ORA 42 <b>ANTI-COLITIS EFFECTS OF <i>Mimosa pudica</i> AQUEOUS EXTRACT ON ACETIC ACID-INDUCED COLON INFLAMMATION IN WISTAR RATS</b> <b><u>AWAZI HENRY MUNASI</u></b> <sup>1*</sup> , NOUBISSI PAUL AIMÉ <sup>1*</sup> , NJILIFAC QUEENDOLINE <sup>1</sup> , FOKAM TAGNE MICHEL ARCHANGE <sup>2</sup> , NGAKOU MUKAM JOSEPH <sup>3</sup> , FOTIO TONFACK AGATHE <sup>1</sup> , and KAMGAMG RENÉ <sup>3,4</sup>
13:30- 13:45	CBS22_NPMP_ORA 43 <b>EVALUATION OF ANTIMICROBIAL, ANTIOXIDANT ACTIVITIES OF <i>STREPTOMYCES</i> SP. PERM2 EXTRACT, ITS POTENTIAL MODE OF ACTION AND GC-MS ANALYSIS OF BIOACTIVE COMPOUNDS.</b> <b><u>NGAUTALA G</u></b> <sup>1</sup> , DJUIDJE K.P.F <sup>1</sup> , TAGATSING F.M <sup>2</sup> , BOUDJEKO T <sup>1,3*</sup>
13:45- 14:00	CBS22_NPMP_ORA 44 <b>IN VIVO CURATIVE AND ANTACID EFFECTS OF CAMEROONIAN CLAY (MY41G) ON CHRONIC AND "UNHEALED" GASTRIC ULCERS IN RATS</b> <b><u>EMAKOUA Joseph Fleurie</u></b> <sup>1</sup> , AMANG Andre Perfusion <sup>2</sup> , BANENZOUÉ Charle <sup>3</sup> , MEZUI Christophe <sup>4</sup> , Siwe Gael TCHOKOMENI <sup>5</sup> , George ENONCHONG ENOW-OROCK <sup>6</sup>
14:00- 15:00	Break/Lunch

## PARALLEL SESSION 5

### ROOM I: NATURAL PRODUCTS AND MEDICINAL PLANTS

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**Chair:** Théodora KOWA KOPA, *Maitre de Recherche*  
**Secretary :** Sabine FANTA YADANG, *Chargé de Recherche*

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15:00-15:15	CBS22_ NPMP_ ORA 45 <b>ACTIVITE ANTIBACTERIENNE DES HUILES ESSENTIELLES DES FEUILLES DE <i>THYMUS VULGARIS</i>, <i>CYMBOPOGON CITRATUS</i>, <i>PSIDIUM GUAJAVA</i>, <i>MANGIFERA INDICA</i> ET LES RHIZOMES DE <i>ZINGIBER OFFICINALE</i> SUR LES ISOLATS D'<i>HELICOBACTER PYLORI</i> ISSUS DES BIOPSIES GASTRIQUES</b> <b><u>LONTSI T. T. J.</u></b> <sup>1*</sup> TALI N. L. D. <sup>2</sup> MONI N. E. <sup>1</sup> KENGNE N. L. <sup>1</sup> GONSU K. H. <sup>3</sup> NYEGUE M. A <sup>1</sup>
15:15-15:30	CBS22_ NPMP_ ORA 46 <b>GANODERMA RESINACEUM POLYSACCHARIDES FRACTIONS' FROM DIFFERENT SOURCES PREVENT HEPATOCARCINOMA THROUGH ALLEVIATING OXIDATIVE STRESS AND INFLAMMATION</b> <b><u>MARIUS TRÉSOR KEMEGNE SIPPING</u></b> <sup>1</sup> , DIEUDONNÉ NJAMEN <sup>2</sup> , THADDÉE BOUDJEKO <sup>1,3*</sup>
15:30-15:45	CBS22_ NPMP_ ORA 47 <b>PROTECTIVE EFFECTS OF METHANOL EXTRACT OF <i>MYRIANTHUS ARBOREUS</i> (CECROPIACEAE) ON BENZO(A)PYRENE-INDUCED PROSTATE CANCER IN ADULT MALE WISTAR RATS</b> <b><u>MOTOUM T.F.</u></b> <sup>1*</sup> , DJIOGUE S. <sup>1*</sup> , AWOUNFACK C.F. <sup>1</sup> , BAKAM Y.B. <sup>1</sup> , ZINGUE S. <sup>2</sup> , LENTA N.B. <sup>3</sup> , NJAMEN D. <sup>1</sup>
15:45-16:00	CBS22_ NPMP_ ORA 48 <b>BIOGUIDED IDENTIFICATION AND ANTI-SALMONELLA POTENTIAL OF SECONDARY METABOLITES FROM <i>TRISTEMMA MAURITIANUM</i> (MELASTOMATACEAE): A CAMEROONIAN MEDICINAL PLANT</b> <b><u>CHRISTABEL MUNDZI TANTOH</u></b> <sup>2</sup> , SOH DESIRE <sup>1</sup> , BANKEU KEZETAS JEAN JULES <sup>2</sup> , NGOUELA SILVERE AUGUSTIN <sup>3</sup>
16:00-16:15	CBS22_ NPMP_ ORA 49 <b>FROM TRADITIONAL USES TO PHARMACOPOEIAS MONOGRAPHS LEADING TO PHARMACEUTICAL PRODUCTION OF ANTI-BURULI ULCER PHYTOMEDICINES IN SUB-SAHARAN AFRICA</b> <b>GUEDJE Nicole Marie</b>
16:15-16:30	CBS22_ NPMP_ ORA 50 <b>ANTIOXYDANT AND ANTI-INFLAMMATORY ACTIVITIES OF AQUEOUS AND ETHANOLIC EXTRACTS FROM ROOTS BARK OF <i>SECURIDACA LONGEPEDUNCULATA</i></b> <sup>1</sup> NGO NOUGA. N, <sup>2</sup> LEKEUKE. C, <sup>1</sup> YANG. F, <sup>1</sup> NDONGO. O, <sup>1</sup> DOUMBA. S, <sup>1</sup> NKUETE. N, <sup>3</sup> NGOUPAYO. J, <sup>1,2</sup> NNANGA. N
16:30-17:15	<b>/Tea break and Poster session</b>

## ROOM II: FOOD NUTRITION AND AGRICULTURE

*Chair: Tom OBEN, Université de Buea*

*Secretary: Francine MEDIESSE KENGNE*

15:00-15:15	CBS22_FNA_ORA 29 EFFET DES PRODUITS BIOSTIMULANTS SUR L'ACCUMULATION EN MICROELEMENTS ET EN ANTIOXYDANTS DANS LES FEUILLES VIVOPLANTS DE BANANIER PLANTAIN <b>BINDZI ABAH R.B.A.</b> <sup>1</sup> , ELOCK MBANG G. <sup>1</sup> , WASSOM D.F. <sup>1</sup> , KOM TIMMA W.J. <sup>1</sup> , KENGOM DJAM M.P. <sup>1</sup> , DAMTSE DAMTSE E.C. <sup>1</sup> , TATSEGOUCK N.R. <sup>1</sup> , MESHUNEKE A. <sup>1</sup> , EFFA ONOMO P. <sup>1,3</sup> , EWANE C.A. <sup>1,3*</sup> , NIEMENAK N. <sup>2,3</sup>
15:15-15:30	CBS22_FNA_ORA 30 PHYSICO-CHEMICAL AND SENSORY PROPERTIES OF PORRIDGE MADE FROM COMPOSITE FLOUR OF <i>Ipomoea batatas</i> FLOUR AND <i>Ricinodendron heudelotii</i> MEAL FERMENTED WITH <i>Lactobacillus plantarum</i> A6 <b>YADANG G.</b> <sup>1*</sup> , PANYOO AKDOWA E. <sup>1</sup> , MEZAJOUG-KENFACK L. B. <sup>2</sup> , TCHIÉGANG C. <sup>2</sup>
15:30-15:45	CBS22_FNA_ORA 31 OPTIMIZATION OF PRODUCTION CONDITION OF YOGURT FROM SOYA BEAN (GLYCINE MAX) AND CINNAMON (CINNAMOMUM VERUM) <b>LOVE ADJEI ORAIKWU</b> <sup>a,b</sup> , MOMO KENFACK HECTOR <sup>a,b*</sup> , BILKISSOU NJAPNDOUNKE <sup>a</sup> , DANGANG BOSSI DONALD SÉVÉRIN <sup>a</sup> , KENGNE NOTONG JULES LÉA <sup>b</sup> , ZAMBOU NGOUFACK FRANÇOIS <sup>a</sup>
15:45-16:00	CBS22_FNA_ORA 32 COMPOSITION CORPORELLE ET SANTE METABOLIQUE D'UNE COHORTE D'ADULTES OBESES DANS LA VILLE DE YAOUNDE CELINE S. B. MIMBOE <sup>1,2*</sup> , HENRIETTE T. DIMODI <sup>1</sup> , ANNE C. ABOMO <sup>1</sup> , MARIE M. KANA SOP <sup>2</sup> , GABRIEL N. MEDOUA <sup>1</sup> .
16:00-16:15	CBS22_FNA_ORA 33 ADR1-LIKE1 AND PAD4 CONSERVED GENES IN <i>THEOBROMA CACAO</i> AND IMPLICATION IN RESPONSE AGAINST <i>PHYTOPHTHORA MEGAKARYA</i> <b>EIPHANIE DOUANLA NDJOUTSE</b> <sup>1</sup> , FRANCIS OTHON LIKEN <sup>1</sup> , EMILE MINYAKA <sup>1</sup> , NICOLAS NIEMENAK <sup>2</sup> , ALEXANDRE MBOENE NOAH <sup>1*</sup>
16:15-16:30	CBS22_FNA_ORA 34 EFFECT OF THE BIOSTIMULANT PRODUCTS USED FOR TREATMENT ON BIOMARKERS ACCUMULATION IN BANANA'S LEAVES <b>NDULA CRAFTSMAN NDULA-NAN</b> <sup>1</sup> , ELOCK MBANG GASTON <sup>1</sup> , WASSOM FABRICE <sup>1</sup> , KOM TIMMA WALTER JOSPIN <sup>1</sup> , KENGOM DJAM MARIE PAULE <sup>1</sup> , DAMTSE DAMTSE ERIKA CABRELLE <sup>1</sup> , TATSEGOUCK N. ROBINSON <sup>1</sup> , MESHUNEKE AROUNA <sup>1</sup> , EFFA ONOMO PIERRE <sup>13</sup> , EWANÉ CÉCILE ANNIE <sup>13*</sup> , NIEMENAK NICOLAS <sup>23</sup>
16:30-17:15	/Tea break and Poster session

## ROOM III: FOOD NUTRITION AND AGRICULTURE

*Chair: Cecile Annie EWANE, Maitre de Conférences*

*Secretary: Linda MANET, Chargé de Recherche*

15:00-15:15	CBS22_FNA_ORA 35 EFFET DES BIOSTIMULANTS A BASE DES PRODUITS NATURELS SUR LA CROISSANCE ET LA VALEUR NUTRITIONNELLE DU HARICOT ( <i>PHASEOLUS VULGARIS</i> L.)
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TZEUTON A.G.<sup>1</sup>, ELOCK MBANG G.<sup>1</sup>, WASSOM D.F.<sup>1</sup>, KOM TIMMA W.J.<sup>1</sup>, KENGOUM DJAM M.P.<sup>1</sup>, DAMTSE DAMTSE E.C.<sup>1</sup>, TATSEGOUOCK N.R.<sup>1</sup>, MESHUNEKE A.<sup>1</sup>,

- 15:15- CBS22\_FNA\_ORA 36  
15:30 BOUTURAGE DE NAUCLEA LATIFOLIA SMITH (RUBIACÉES) À PARTIR DES FRAGMENTS DE TIGES.  
DJOMNOU FOTSO JEAN PIÈRRE<sup>1,2\*</sup>, NZWEUNDJI JUSTINE GERMO<sup>1</sup>, YOUMBI EMMANUEL<sup>2</sup> ET DONFAGSITELI TCHINDA NÉHÉMIE<sup>1</sup>
- 15:30- CBS22\_FNA\_ORA 37  
15:45 INFLUENCE OF ARBUSCULAR MYCORRHIZAL BIOFERTILIZERS ON GROWTH, MINERAL UPTAKE AND BIOCHEMICAL CONSTITUENTS OF ABELMOSCHUS ESCULENTUS L. UNDER SALINE CONDITIONS.  
NOUCK ALPHONSE ERVÉ<sup>1</sup>, NJOUONKOU ANDRÉ LEDOUX<sup>1</sup>, TAFFOUO VICTOR DESIRÉ<sup>2</sup>  
MAYUMGO KAMGA CHRISTIANE LAURETTE<sup>1,3\*</sup>
- 15:45- CBS22\_FNA\_ORA 38  
16:00 GENETIC DIVERSITY IN A BANANA SUB-TRAINING POPULATION USING SINGLE NUCLEOTIDE POLYMORPHISM (SNPS) MARKERS  
TCHINDA LAURIANE<sup>1,2</sup>, MBO NKOULOU LUTHER<sup>2,3</sup>, NDIANG ZENABOU<sup>1</sup>, ENOCH A. DAKO<sup>2</sup> NGALLE HERMINE<sup>3</sup>
- 16:00- CBS22\_FNA\_ORA 39  
16:15 EXPRESSION ANALYSIS OF AUXIN SIGNALING GENES IAA14 AND ARF2 INVOLVED IN ROOT INITIATION IN THEOBROMA CACAO L.  
SAMUEL DIDIER NGOMBI TULAG<sup>1</sup>, ROLANDE EUGÉNIE MAKONDY ANGO<sup>2</sup>, NICOLAS NIEMENAK<sup>2</sup>, ALEXANDRE MBOENE NOAH<sup>1\*</sup>
- 16:15- CBS22\_FNA\_ORA 40  
16:30 USE OF Rhizopus AND Titonia diversifolia MANURES TO IMPROVE Xanthosoma sagittifolium YIELD AND EVALUATION OF SOME GROWTH AND BIOCHEMICAL PARAMETERS  
BOUGBA<sup>1\*</sup> C., PANGHEPKO<sup>1</sup> F.C., TCHINDA<sup>2</sup> N.H., NUGANGA<sup>2</sup>.C. N, FOTSO<sup>2</sup>, MBOUOBDA<sup>1,2</sup> H.D.
- 16:30- /Tea break and Poster session  
17:15

## ROOM IV: NATURAL PRODUCTS AND MEDICINAL PLANTS

*Chair: Fidelis CHO NGWA, Professeur*

*Secretary: Peclar Loique MBOUOBOUO, Chargé de Recherche*

15:00-15:15	CBS22_NPMP_ORA 51 <b>CHEMICAL STUDY AND EVALUATION OF THE ANTIPLASMODIAL ACTIVITY OF LANTANA CAMARA (VERBENACEAE) AND CROTON SYLVATICUS (EUPHORBIACEAE)</b> <b>PIERRE LEONEL K. TAFOKU TAGUIMJEU</b> <sup>1*</sup> , MARISCAL BRICE TCHATAT TALI <sup>2</sup> , YANNICK STÉPHANE FOTSING FONGANG <sup>3</sup> , BRUNO NDJAKOU LENTA <sup>4</sup> AND SILVÈRE AUGUSTIN NGOUELA <sup>1</sup>
15:15-15:30	CBS22_NPMP_ORA 52 <b>ANTI-INFLAMMATORY AND PRO-FERTILIZING EFFECTS OF GRAPTOPHYLLUM PICTUM ON AN EXPERIMENTAL MODEL OF ENDOMETRIOSIS ON WISTAR RAT</b> <b>ATSAMA. M. P, DJIOGUE. S, AWOUNCFACK. C. F, NJAMEN. D,</b>
15:30-15:45	CBS22_NPMP_ORA 53 <b>A NEW FLAVONE AND A NEWLY SYNTHETIZED ALKALOID FROM LIPPIA RUGOSA A. CHEV (VERBENACEAE)</b> NONO NONO ERIC CARLY <sup>a</sup> , <u>TSOPMEJIO JEAN PAUL</u> <sup>a*</sup> , MOMENI JEAN <sup>b</sup> , NKOUAM TSOPJIO FRANCINE <sup>c</sup> , ABDOU JEAN PIERRE <sup>b</sup> , NKENGFAK AUGUSTIN EPHREMA <sup>a</sup>
15:45-16:00	CBS22_NPMP_ORA 54 <b>ANTIMALARIAL ACTIVITY OF SELECTED CAMEROONIAN MEDICINAL PLANTS: BIOASSAY-GUIDED ISOLATION OF ACTIVE PRINCIPLES</b> STEPHANIE TAMDEM GUETCHUENG
16:00-16:15	CBS22_NPMP_ORA 55 <b>EVALUATION OF THE ANTICONVULSANT AND ANTIPSYCHOTIC EFFECTS OF THE AQUEOUS EXTRACT OF THE LEAVES OF ANCISTROCARPUS DENSISPINOSUS OLIV. (MALVACEAE) ON THE PILOCARPINE INDUCED TEMPORAL LOBE EPILEPSY IN THE WISTAR RAT</b> <b>NGANG N.F.E.</b> <sup>1*</sup> KANDEDA K.A, <sup>1</sup> NKEGNE T.S, <sup>1</sup> KENGNIS, <sup>1</sup> MABOU T.S, <sup>1</sup> SOFFO G, <sup>1</sup> NGWEM T.L, <sup>1</sup> AKONO J.V <sup>1</sup>
16:15-16:30	CBS22_NPMP_ORA 56 <b>LIPOTROPIC ACTIVITIES OF AQUEOUS EXTRACT OF VERNONIA GUINEENSIS BENTH. IN WISTAR RATS FED HIGH FAT DIET</b> <b>LEILA SANDRA NNANGA</b> <sup>1,2</sup> , BRUNO DUPON AKAMBA AMBAMBA <sup>1</sup> , FILS ARMAND ELLA <sup>1</sup> , DAMARIS ENYEGUE MANDOB <sup>3</sup> AND JUDITH LAURE NGONDI <sup>1</sup>
16:30-17:15	<b>/Tea break and Poster session</b>

# Saturday, December 3<sup>rd</sup>, 2022

## PARALLEL SESSION6

### ROOM I: ENVIRONMENT FORESTRY AND CLIMATE CHANGES

*Chairs : Pierre EFFA ONOMO, Maitre de Conferences*  
*Secretary : Leila ZAMBOU ZEBAZE, Chargé de Recherche*

08:30-08:45	CBS22_EFCC_ORA 19 <b>CARACTERISATION PAR LES MACROINVERTEBRES BENTHIQUES D'UN COURS D'EAU DE LA REGION DU LITTORAL CAMEROUN (NDOG BISSOLO)</b> <b>NDOURWE FAR Bolivar*</b> , NWAHA Mathias, BETSI Wilfried Christiane, TEMGOUA ZEMO Marie-Anita, FOTO MENBOHAN Samuel, DZEPAND Thierry, HARISSOU.
08:45-09:00	CBS22_EFCC_ORA 20 <b>CHEMICAL, MINERALOGICAL CHARACTERIZATION AND BIOFERTILIZER POTENTIAL OF ASH FROM ADAMAWA CATTLE MANURE COMBUSTION</b> SAMOMSSA INNA, DILI GERARD, <b>ADJIA ZANGUE*</b> , KAMGA RICHARD
09:00-09:15	CBS22_EFCC_ORA 21 <b>QUALITE MICROBIOLOGIQUE ET DE POLLUTION DE L'EAU DANS LES AGENCES DE TRANSPORTS ROUTIERS EN MILIEU TROPICAL URBAIN : CAS DE LA VILLE DE YAOUNDE</b> ZEMGUE ZEBAZE LIZA <sup>1</sup> , LETAH NZOUEBET W.A. <sup>1</sup> , DJUMYOM GUY VALERIE <sup>1</sup> , MBENDA PIERRE <sup>1</sup> , WAFO KAMDEM A. J. <sup>1</sup> , TCHIANZEU STEPHANE <sup>1</sup> , NDZENE CHARLES BRICE <sup>1</sup> , DJOCGOUE PIERRE FRANÇOIS <sup>1,2*</sup>
09:15-09:30	CBS22_EFCC_ORA 22 <b>ETUDE COMPAREE DE LA DISTRIBUTION DES MACROINVERTEBRES BENTHIQUES PAR RAPPORT AU TYPE DE SUPPORT DANS DEUX LACS PEU PROFONDS : LE LAC MUNICIPAL D'EBOLOWA ET LE LAC D'OBILI.</b> <b>KENGNE FOSSO LORRAINE PRISCILLIA<sup>1</sup></b> , BOUEM TSANE CECILE RITA. <sup>1</sup> , MOANONO PATRICK GEORGES <sup>1</sup> , BETSI WILFRIED <sup>1</sup> , SOB NANGOU <sup>1</sup> , NANFACK RODRIGUE <sup>1</sup> , MESSOE WILLIAM <sup>1</sup> , LACTIO LARRY <sup>1</sup> et ZEBAZE TOGOUET SERGE. HUBERT. <sup>1</sup>
09:30-09:45	CBS22_EFCC_ORA 23 <b>VARIABILITY IN THE PERFORMANCE RESPONSE OF THE PESTICIDES USED AGAINST TERMITES IN WOOD TREATMENT IN TWO REGIONS OF CAMEROON</b> FEUMBA ONDOBO. F. J. <sup>1</sup> , DJUIDEU. T. C. L. <sup>2</sup> , FONGNZOSSIE FEDOUNG E. <sup>1</sup> , BIWOLÉ A.B. <sup>1</sup> , ZOBO MFOMO J. <sup>1</sup> , NGANGYOU MBENDOU F <sup>1</sup> ., MKOUNGA PIERRE <sup>3</sup> ., AKONO NTONGA P. <sup>4</sup> KEKEUNOU. S. <sup>2</sup>
09:45-10:00	CBS22_EFCC_ORA 24 <b>PRESENCE ET DIVERSITE DES STAPHYLOCOQUES DANS QUELQUES POINTS D'EAU SUPERFICIELS ET SOUTERRAINS A YAOUNDE</b> LADIBE PELAGIE <sup>1*</sup> , NOAH EWOTI OLIVE VIVIEN <sup>1</sup> , MOUNGANG LUCIANE MARLYSE <sup>1</sup> , TAMSA ARFAO ANTOINE <sup>1</sup> , METSOPKENG CLAIRE STEPHANE <sup>1</sup> , NOLA MOÏSE <sup>1</sup> .
10:00-10:15	
10:15-10:30	
10:30-10:45	
10:45-11:00	

## ROOM II: FOOD NUTRITION AND AGRICULTURE

*Chairs: Hermann MBOUOBDA, Maitre de Conférences*

*Secretary : Marietta SOUPI, Université de Buea*

08:30-08:45	<p>CBS22_FNA_ORA 41  <b>MORPHOLOGICAL AND MOLECULAR DIVERSITY OF ARBUSCULAR MYCORRHIZAL FUNGI ASSOCIATED TO CARICA PAPAYA L. RHIZOSPHERE IN TWO AGRO-ECOLOGICAL ZONES IN CAMEROON</b>  <u>ADÈLE FOKOU MAFFO</u><sup>1,2,3*</sup>, EDDY LÉONARD MANGAPTCHÉ NGONKEU<sup>1,2</sup>, CLEMENCE CHAINTREUIL<sup>3</sup>, CARINE NONO TEMEGNE<sup>1</sup>, GODSWILL NTSOMBOH-NTSEFONG<sup>1</sup>, FATOUMATA FALL<sup>4</sup>, DIEGANE DIOUF<sup>4</sup>, AND EMMANUEL YOUNBI<sup>1</sup>.</p>
08:45-09:00	<p>CBS22_FNA_ORA 42  <b>WRKY40 AND TGA1 CONSERVED GENES IN THEOBROMA CACAO AND IMPLICATION IN RESPONSE AGAINST PHYTOPHTHORA MEGAKARYA</b>  <u>FRANCIS OTHON LIKEN</u><sup>1</sup>, EPIPHANIE DOUANLA NDJOUTSE<sup>1</sup>, EMILE MINYAKA<sup>1</sup>, NICOLAS NIEMENAK<sup>2</sup> ALEXANDRE MBOENE NOAH<sup>1*</sup></p>
09:00-09:15	<p>CBS22_FNA_ORA 43  <b>EFFET DES EXTRAITS AQUEUX DE LANTANA CAMARA ET DE TITHONIA DIVERSIFOLIA SUR LES PRINCIPAUX RAVAGEURS DE LA TOMATE (<i>Lycopersicon esculentum</i> Mill) DANS LA LOCALITE DE DSCHANG-CAMEROUN</b>  <u>JACINTH CHIREL NDOUNKING</u>,<sup>1*</sup> EDWIGE SIDOINE DJOMAHA<sup>2</sup> ET MAURINE YEFFOU NGOULA KENNE<sup>3</sup></p>
09:15-09:30	<p>CBS22_FNA_ORA 44  <b>HAEMATOLOGICAL PROFILE OF <i>Clarias gariepinus</i> (BURCHELL, 1822) FED COMMERCIAL AND FARM-MADE FEEDS</b>          SULEM YONG NINA NINDUM<sup>1,2</sup>, ESSOH ETOUKE ADRIEN<sup>2</sup>, MENGUE N. YOLANDE SANDRINE<sup>3,4</sup>, DAKWEN JEANNETTE<sup>1</sup>, OWONA P. EMMANUEL<sup>4</sup>, ETCHU A. KINGSLEY<sup>2</sup>, NOLA MOÏSE<sup>1</sup>, <u>ZEBAZE TOGOUET SERGE H.</u><sup>1*</sup></p>
09:30-09:45	<p>CBS22_FNA_ORA 45  <b>ANALYSE DES BONNES PRATIQUES DE TRANSFORMATION LOCALE DU RIZ ET DE L'OIGNON DANS LES REGIONS DE L'EXTREME-NORD ET DU NORD CAMEROUN</b>  <u>KOUEBOU CHRISTIANT</u><sup>1</sup>, WOMENI HILAIRE MACAIRE<sup>2</sup>, ILOUGA ILOUGA<sup>3</sup>, NGO SAK PATRICIA<sup>3</sup>, MARIGOH BOUQUET HELENE<sup>1</sup></p>
09:45-10:00	<p>CBS22_FNA_ORA 46  <b>IMPACT OF COOKING MODE AND RIPENING STAGE ON BOILED PLANTAIN PULP FIRMNESS</b>          DALLONNES RUTH FANGUENG KAMGO<sup>1</sup>, CÉDRIC KENDINE VEPOWO<sup>2,3</sup>, ANNIE TAKAM NGOUNO<sup>4</sup>, INOCENT GOUADO<sup>2</sup>, MARLYNE-JOSÉPHINE MANANGA<sup>1</sup>, GÉRARD NGOH NEWILAH<sup>3,4</sup></p>
10:00-10:15	<p>CBS22_FNA_ORA 47  <b>STRATEGIE D'AMELIORATION DE LA SITUATION NUTRITIONNELLE DES BENEFICIAIRES DES PROJETS : EXAMEN DU PROJET D'APPUI AU DEVELOPPEMENT DES FILIERES AGRICOLES PHASE II (PADFA II)</b>  <u>KOUEBOU Christian</u><sup>1</sup>, NDOMOU HOUKETCHANG Serge Cyrille<sup>2</sup>, MAFFO TAZOHO Ghislain<sup>2</sup>, FOKO KOUAM Edith Marius<sup>2</sup>, TEBOUKEU BOUNGO Gires<sup>2</sup>, MOMO KENFACK Chancel Hector<sup>2</sup>, KOHOLE FOFHE Hermann Arantes<sup>2</sup>, NGO SAK Patricia<sup>3</sup>, ZAMBOU NGOUFACK François<sup>2</sup>, WOMENI Hilaire Macaire<sup>2</sup>, MARIGOH BOUQUET Hélène<sup>1</sup></p>
10:15-10:30	
10:00-10:15	

## ROOM III: GLOBAL HEALTH AND DISEASE CONTROL (GHDC)



*Chair: NYEMB NYUNAI, Maitre de Recherche*  
*Secretary: Lucie OJONG, Chargé de Recherche:*

08:30-08:45	<p>CBS22_GHDC_ORA 20 <b>BIODIVERSITY OF HUMAN ENTEROPATHOGENIC MICROSPORIDIAN SPORES IN GROUNDWATER OF TWO SUB-DIVISIONS IN THE CENTRE REGION (CAMEROON): IMPACT OF PHYSIC-CHEMICAL FACTORS</b> <u>ASI QUIGGLE ATUD</u><sup>1*</sup>, AJEAGAH Gideon AGHAINDUM<sup>1</sup>, MBOUMBOUO MAMA<sup>1</sup> OKOA AMOUGOU Thérèse Nadège<sup>1</sup></p>
08:45-09:00	<p>CBS22_GHDC_ORA21 <b>THE EFFECT OF CLIMATIC FACTORS ON THE NUMBER OF MALARIA CASES IN AN INLAND AND A COASTAL SETTING FROM 2011 TO 2017 IN THE EQUATORIAL RAIN FOREST OF CAMEROON</b> RAYMOND BABILA NYASA<sup>1*</sup>, FUANYI AWATBOH<sup>2</sup>, TEBIT EMMANUEL KWENTI<sup>3</sup>, VINCENT P.K. TITANJI<sup>4</sup> &amp; NDIP LUCY M. AYAMBA<sup>5</sup></p>
09:00-09:15	<p>CBS22_GHDC_ORA 22 <b>ETUDE DU TRANSFERT HORIZONTAL ENTRE LES ISOLATS MULTIRESISTANTS DE PSEUDOMONAS AERUGINOSA ET QUELQUES BACTERIES DU MICROBIOTE INTESTINAL</b> NGANOU KAMGANG INES DALIA<sup>1</sup>, NAPA TCHUEDJI YVES <sup>1</sup>, MESEMBE MARTHA<sup>3</sup>, IKOMEY MONDINDE GEORGES <sup>3</sup>, TAGNE KAMGA CELESTIN<sup>4</sup>, LYONGA ENJEMA EMILIA<sup>2,3</sup></p>
09:15-09:30	<p>CBS22_GHDC_ORA 23 <b>EVALUATION DE L'EFFET DE QUELQUES DESINFECTANTS SUR LA DISSEMINATION DES FORMES DE RESISTANCES DE DEUX PROTOZOAIRES INTESTINAUX PATHOGENES EN MILIEU AQUATIQUE : CRYPTOSPRIDIUM SPP et GIARDIA SPP.</b> <u>TSOMENE NAMEKONG Pierre</u><sup>1*</sup>, AJEAGAH Gideon AGHAINDUM<sup>1</sup>, ASI Quiggle ATUD<sup>1</sup>, FOTSEU KOUAM. Arnold<sup>1</sup>, OKOA AMOUGOU Thérèse<sup>1</sup></p>
09:30-09:45	<p>CBS22_GHDC_ORA 24 <b>CARRIER STATUS AND RISK FACTORS OF METHICILLIN RESISTANT <i>Staphylococcus aureus</i> AMONG MEDICAL STUDENTS POSTED FOR INTERNSHIP IN THE UNIVERSITY OF BUEA</b> <u>SALEH IBRAHIM</u><sup>2</sup>, NYASA RAYMOND BABILA<sup>*1</sup>, WATCHING DJACKISSAM<sup>2</sup></p>
09:45-10:00	<p>CBS22_GHDC_ORA 25 <b>LIPID PROFILE: BIOMARKERS FOR EARLY DIAGNOSIS, THERAPEUTIC FOLLOW-UP AND REOCCURRENCE IN A POPULATION OF CAMEROONIAN WOMEN WITH BREAST CANCER.</b> <u>PASCALE SUZI MBOUGANG</u><sup>1</sup>, IDRIS NTATOU LEMOUCHELÉ<sup>1</sup>, ESTHER DINA BELL<sup>2</sup>, LOICK PRADEL KOJOM FOKO<sup>3</sup>, MARTIN LUTHER KOANGA MOGTOMO<sup>*1</sup> AND ANNIE ROSALIE NGONO NGANE<sup>1</sup>.</p>
10:00-10:15	<p>CBS22_GHDC_ORA 26 <b>WHAT WEAPONS TO THWART EFFLUX PUMPS-MEDIATED RESISTANCE IN BACTERIA?</b> <u>ARMEL JACKSON SEUKEP</u><sup>1,2*</sup> HELENE GUEABA MBUNTCHA,<sup>3</sup> VICTOR KUETE,<sup>3</sup> YINDI CHU,<sup>4</sup> ENGUO FAN,<sup>5</sup> MING-QUAN GUO<sup>2</sup></p>
10:15-10:30	<p>CBS22_GHDC_ORA 27 <b>SICKLE CELL TRAIT, KNOWLEDGE, ATTITUDES, PRACTICES AND PERCEPTIONS REGARDING SICKLE CELL DISEASE AMONG PEOPLE LIVING IN YAOUNDÉ, CAMEROON.</b> VALERIE MABOULOU<sup>1</sup>, AICHA NGOUTANE<sup>1</sup>, JEAN MOLU<sup>1</sup>, MOHAMADOU MANSOUR<sup>1</sup>, CYRILLE KOUNTCHOU<sup>1</sup>, IBRAHIMA DJOULDE<sup>1</sup>, VEHLIMA ADAMOU<sup>1</sup>, GRACE WANDA<sup>1</sup>, ROGER AHOUGA<sup>1</sup>, MARIE AMOUGOU<sup>1</sup>, LIVO ESEMO<sup>2</sup>, ABDOURAMAN BOUBA<sup>1</sup>, MARCELLE EYONG<sup>1</sup>, MILAINE TOUKAP<sup>1</sup>, LILIAN AKWAH<sup>1</sup>, MBAKOP CALIXTE<sup>1</sup>, NKENGAZONG LUCIA<sup>1</sup> AND MARIE CHANTAL NGONDE ESSOME<sup>1,3*</sup></p>

10:30- CBS22\_GHDC\_ ORA 28  
 10:45 PREVALENCE, RISK FACTORS, AND ANTIBIOTICS SUSCEPTIBILITY PATTERN OF ESCHERICHIA COLI ISOLATED FROM WOMEN OF REPRODUCTIVE AGE ATTENDING THE LAQUINTINIE HOSPITAL DOUALA, CAMEROON  
<sup>1</sup>KWEMO BRENDA YOLANDE K., <sup>1</sup>TANIH NICOLINE F.

## ROOM IV: NATURAL PRODUCTS AND MEDICINAL PLANTS

*Chair: CHUISSEU DJAMEN, Maitre de Conferences*

*Secretary: Stephanie GUETCHUENG TAMDEM, Chargé de Recherche*

08:30- 08:45	CBS22_NPMP_ ORA 57 <b>THE CHEMICAL STUDY OF A PACHYTELA BREVIPES (SAPOTACEAE) AND ITS ANTIMALARIAL PROPERTIES.</b> <u>FOMENE TSAPY RAPHAELLE<sup>1*</sup></u> , NGADJUI BONAVENTURE. T <sup>1</sup> , NGAMENI BATHELEMY <sup>1,2</sup>
08:45- 09:00	CBS22_NPMP_ ORA 58 <b>CHEMICAL INVESTIGATION AND ANTIPLASMODIAL ACTIVITY OF ANTROCARYON MICRASTER (ANACARDIACEAE).</b> <u>MENATCHÉ NJOPNU JOËL<sup>1</sup></u> , EFANGE NOELLA <sup>2</sup> , BANKEU KEZETAS JEAN JULES <sup>3</sup> , LENTA NJAKOU BRUNO <sup>4</sup>
09:00- 09:15	CBS22_NPMP_ ORA 59 <b>RESTORATIVE ROLE OF SOLANUM TORVUM SWARTZ. (SOLANACEAE) LEAVES' EXTRACT IN PLASMODIUM BERGHEI INDUCED LIVER AND KIDNEY DAMAGE IN RATS.</b> <u>NGWEM L.<sup>1*</sup></u> , DJOMDI C. <sup>1</sup> , TSAKEM J. <sup>1</sup> , DJIENTCHEU J-P <sup>1</sup> , FOKOU R. <sup>1</sup> , FIFEN R. <sup>1</sup> , TCHEUTCHOUA Y. <sup>1</sup> , YIMGANG L. <sup>2</sup> , DJUINE F. <sup>1</sup> , NKUIMI O. <sup>1</sup> , GOUNOUE R. <sup>1</sup> , NGUEGUIM F. <sup>1</sup> , DIMO T. <sup>1</sup> .
09:15- 09:30	CBS22_NPMP_ ORA 60 <b>HMG-COA REDUCTASE INHIBITION PROFILE OF THREE ANTI-DYSLIPIDEMIC PLANTS VIA VIRTUAL SCREENING BY DOCKING STUDIES</b> <u>AMBAMBA AKAMBA BRUNO DUPON<sup>1*</sup></u> , NONGNI PIEBENG QUENTIN CICILIEN <sup>1</sup> , NGONDI JUDITH LAURE <sup>1</sup>
09:30- 09:45	
09:45- 10:00	

## **POSTERS**

## **TRACK 1: ENVIRONMENT FORESTRY AND CLIMATE CHANGE**

CBS22\_EFCC\_POSTER 01

**CONNAISSANCES DES POPULATIONS LOCALES SUR LA POLLUTION INDUITE PAR LES MEGOTS DE CIGARETTES SUR LES COURS D'EAUX ET LES PLANTES AVOISINANTES DANS LA VILLE DE DOUALA**

**BISSEMB Olivier Parfait**<sup>1\*</sup>, NDJIB Rosette Christelle<sup>2</sup>, MVOGO OTTOU Patrice Brice<sup>1</sup>, TIENCHEU WOMENI Stephanie<sup>1</sup>, NJIMBAM NJUKOUYOU OUMAR Farick<sup>3</sup>, ZAMBOU ZEBAZE Leila<sup>2</sup>, PRISO Richard Jules<sup>1</sup>, BETTI Jean Lagarde<sup>1,4</sup>

CBS22\_EFCC\_F\_POSTER 02

**CARACTERISATION DE LA DIVERSITE GENETIQUE DES CAFEIERS ROBUSTA (*COFFEA CANEPHORA*) EXPLOITES AU SUD-EST DU GABON A TRAVERS L'ANALYSE PAR MICROSATELLITES**

**NGUEMA N. P.**<sup>1\*</sup>, EMBINGA E. E.<sup>2</sup>, WALLA O. R.<sup>1</sup>, OSSYBA A.<sup>2</sup>, DAESCHNER M.<sup>3</sup>, NDOUTOUME N. A.<sup>1</sup>

CBS22\_EFCC\_POSTER 03

**BIO-ECOLOGIE DES FAMILLES DES MACROINVERTEBRES BENTHIQUES DANS UN MILIEU AQUATIQUE EN ZONE FORESTIERE (KRIBI-REGION DU SUD CAMEROUN)**

**HARISSOU**<sup>\*1</sup>, AJEAGAH AGHAINDUM Gideon<sup>1</sup>, FOTO MENBOHAN Samuel<sup>1</sup>

CBS22\_EFCC4\_POSTER 04

**PEUPELEMENT DES MACROINVERTÉBRÉS BENTHIQUES ET QUALITÉ DES EAUX DU COURS D'EAU ESOAUH À NKONGSAMBA (RÉGION DU LITTORAL, CAMEROUN)**

**BETSI Wilfreid Christiane Noel**<sup>\*</sup>, LACTIO Nathanaël Larry, TEMGOUA ZEMO Marie Anita, FOTO MENBOHAN Samuel, BIRAM A NGON Eric Belmond, TCHOUAPI Yvonne Laure, NOLA Moise

CBS22\_EFCC4\_POSTER 05

**WATER QUALITY AND OCCURRENCE OF INTESTINAL PARASITIC FORMS IN FLOOD AREAS IN THE TOWN OF MBALMAYO, NYONG AND SO'O DIVISION, CENTRE REGION-CAMEROON**

**ATEMBEH N. E.**<sup>1,2</sup> KAME NGASSE G. I.<sup>1</sup> NANFACK R.<sup>3</sup> ZAMBO G.<sup>3</sup> TOMBI J.<sup>2</sup> NKENGAZONG L.<sup>1</sup> ZEBAZE TOGOUET S. H.<sup>3\*</sup>

CBS22\_EFCC4\_POSTER 06

**DIVERSITE DES MACROINVERTEBRES BENTHIQUES DU LAC DE RETENUE DU BARRAGE HYDROELECTRIQUE DE MEKIN, SUD-CAMEROUN**

**BOUDEM TSANÉ C. R.**<sup>1\*</sup> NONGA TANG B.<sup>1</sup> MBASSI MBIDA M. B.<sup>1</sup> ZÉBAZÉ TOGOUET S. H.<sup>1</sup>

CBS22\_EFCC4\_POSTER 07

**DIVERSITY AND ECOLOGY OF AMPHIBIANS OF THE TCHABAL-MBABO, A KEY BIODIVERSITY AREA IN CAMEROON**

**NTENE S. B. C.**<sup>1\*</sup>, TASSE T. G.<sup>1,2</sup>, TCHASSEM F. A.<sup>3</sup>, FOKAM E. B.<sup>1</sup>

CBS22\_EFCC4\_POSTER 08

**DIVERSITE DES MACROINVERTEBRES BENTHIQUES DANS QUELQUES COURS D'EAU FORESTIERS DU CAMEROUN**

**DZAVI Jean**<sup>1,2\*</sup>, FOTO MENBOHAN Samuel<sup>1</sup>, Piscart Christophe<sup>3</sup>

CBS22\_EFCC4\_POSTER 09

**EXPLOITATION DES PRODUITS FORESTIERS NON LIGNEUX PAR LES POPULATIONS DE LA FORET COMMUNAUTAIRE D'ASSOK I, SUD-CAMEROUN**  
**ZAMBOU ZEBAZE Leila<sup>1\*</sup>, MEYABEME OLOMO Alvine<sup>2</sup>**

CBS22\_EFCC4\_POSTER 10

**HEALTH POTENTIAL IMPACT OF DOMESTIC WASTEWATER DISCHARGES FROM THE MENDONG (YAOUNDE) SIC CAMP ON THE LOCAL POPULATION**  
**NGONO NGONO F. V.<sup>1\*</sup>, AJEAGAH G. A.<sup>1</sup>**

CBS22\_EFCC4\_POSTER 11

**POLLUTION ENVIRONNEMENTALE PAR LES MEDICAMENTS : CAS DU CENTRE HOSPITALIER UNIVERSITAIRE DE YAOUNDE (CHUY).**  
**TCHADJI MAYOUDOM VANESSA EDWIGE<sup>1</sup>, FOSSI TANKOUA Olivia<sup>2</sup>, NENE AHIDJO<sup>1</sup>, TABI Yves<sup>1</sup>, TEMBE Estella FOKUNANG<sup>1</sup>, ZEBAZE TOGOUET Serge Hubert<sup>3</sup>, FOKUNANG Charles NTUNGWEN<sup>1</sup>**

CBS22\_EFCC\_POSTER 12

**QUALITE PHYSICO-CHIMIQUE ET DIVERSITE DES CRUSTACES DECAPODES DANS LE COURS D'EAU COTIER ONGUE (CAMEROUN)**  
**YOGBACK G. E.<sup>1,2\*</sup> AJEAGAH G.<sup>1</sup> DJIETO L. C.<sup>3</sup> ENAH D. A.<sup>1</sup> MBOUOOMBOUO M.<sup>1</sup> ELAT.<sup>2</sup> ASSI Q. A.<sup>1</sup> BAH NTUTUWOUO G. D.<sup>2</sup>**

CBS22\_EFCC\_POSTER 13

**DIVERSITÉ ET DYNAMIQUE DES PROTOZOAIRES CILIÉS DANS LE COURS D'EAU ABIERGUÉ, YAOUNDÉ CAMEROUN : INFLUENCE DES PARAMÈTRES ABIOTIQUES**  
**\*<sup>1,2</sup>NGALAMOU CHAMBERLINE, <sup>1,2</sup>FOTO MENBOHAN SAMUEL, <sup>1,2,3</sup>BIRAM À NGON ERIC BELMOND, <sup>1,4</sup>TEMGOUA ZEMO MARIE ANITA, <sup>1,2</sup>BETSI WILFREID CHRISTIANE NOEL**

CBS22\_EFCC\_POSTER 14

**LEAF LITTER BREAKDOWN ASSESSMENT IN NATURAL STREAMS OF THE EQUATORIAL FOREST IN CAMEROON**  
**DZAVI J.<sup>1,2\*</sup>, FOTO MENBOHAN S<sup>1</sup> and PISCART C<sup>3</sup>**

CBS22\_EFCC\_POSTER 15

**QUALITE PHYSICO-CHIMIQUE ET DIVERSITE DES MACROINVERTEBRES BENTHIQUES ET DU ZOOPLANCTON DU COURS D'EAU MEKONO (REGION DU CENTRE)**  
**EDIOH PEM Frederic<sup>\*</sup>, ZEBAZE TOGOUET Serge, NDOURWE FAR Bolivar, DZEPAND Thierry, OWONA Francois**

CBS22\_EFCC\_POSTER 16

**EVALUATION DE LA QUALITE DES EAUX DES COURS D'EAU URBAIN PAR L'UTILISATION DES MACROINVERTEBRES BENTHIQUES**  
**<sup>1,3</sup>TEMGOUA ZEMO MARIE ANITA<sup>\*</sup>, <sup>2,3</sup>BETSI WILFREID CHRISTIANE NOEL, <sup>2,3</sup>NWAHA MATHIAS, <sup>1</sup>MOULOUNGUI KUISSI LESLIE BERTHA, <sup>1</sup>MAGNE ROSETTE, <sup>2,3</sup>FOTO MENBOHAN SAMUEL, <sup>1</sup>ATCHRIMI TOSSOU BERNARD**

## TRACK 2: FOOD NUTRITION AND AGRICULTURE

CBS22\_FNA\_POSTER 01

**VALORISATION OF SOME LOCAL PRODUCTS FOR THE PRODUCTION OF AN INSTANT PROTEIN-ENERGY RICH INFANT FLOUR**

**BIDJA ABENA Marie Thérèse**<sup>1\*</sup>, MANG YANNICK DIMITRY<sup>1</sup>, FOKOU ELIE<sup>2</sup>

CBS22\_FNA\_POSTER 02

**EFFECTS OF DIFFERENT PROCESSING METHODS ON THE NUTRITIONAL, FUNCTIONAL AND PHYTOCHEMICAL PROPERTIES OF SOYABEAN (GLYCINE MAX TGX 1835-10E) COMMONLY CULTIVATED IN CAMEROON**

VESHE-TEH ZEMOH NINYING SYLVIA<sup>a</sup>, **Fabrice TONFACK DJIKENG**<sup>b\*</sup>, Bernard TIENCHEU<sup>a</sup>, ADUNI UFUAN ACHIDI<sup>a</sup>, Hilaire Macaire WOMENI<sup>c</sup>

CBS22\_FNA\_POSTER 03

**EFFECT OF DIFFERENT PROCESSING METHODS ON THE PROXIMATE COMPOSITION, MINERAL CONTENT AND FUNCTIONAL PROPERTIES OF SNAIL (*ARCHACHATINA MARGINATA*) MEAT**

**FABRICE TONFACK DJIKENG**<sup>a\*</sup>, CECILE MAZARINE MOUTO NDAMBWE<sup>b</sup>, ERIC SERGE NGANGOUM<sup>b</sup>, BERNARD TIENCHEU<sup>a</sup>, STEPHANO TAMBO TENE<sup>c</sup>, ADUNI UFUAN ACHIDI<sup>a</sup>, HILAIRE MACAIRE WOMENI<sup>c</sup>

CBS22\_FNA\_POSTER 04

**PHENOLIC CONTENT, ANTIOXIDANT POWER AND NUTRIENT COMPOSITION OF TWO FORMULATED MEDICINAL TEAS FROM MORINGA, PAWPAW, TEA, SOURSOP AND LEMON GRASS LEAVES**

**VESHE-TEH ZEMOH NINYING SYLVIA**<sup>d</sup> FABRICE TONFACK DJIKENG<sup>a\*</sup>, JUSTIN DJOPNANG DJIMBIE<sup>c</sup>, ADUNI UFUAN ACHIDI<sup>a</sup>, FELICITAS EWUNSOH TUKU<sup>b</sup>, GHISLAIN MBENG NYEMBA<sup>a, b</sup>, BERNARD TIENCHEU<sup>a</sup>

CBS22\_FNA\_POSTER 05

**INSECTICIDAL EFFECTS OF POWDERS OF *AZADIRACHTA INDICA*, *CARICA PAPAYA* AND *SENNA DYDIMOBOTRYA* ON THE FORAGING ACTIVITY OF *APIS MELLIFERA* ON THE FLOWERS OF *SOLANUM MELONGENA* IN BOKLÉ (GAROUA-CAMEROON).**

ADAMOU MOÏSE<sup>1,2</sup>, **WUIBE WOUBASSI ULRICH SIDOINE**<sup>1\*</sup>, MOHAMMADOU MOUKHTAR<sup>3</sup>, WARDA LTOUANA<sup>1</sup>, YATAHAÏ CLÉMENT MINEO<sup>4</sup> & NUKENINE NCHIWAN ELIAS<sup>1</sup>

CBS22\_FNA\_POSTER 06

**INTRASPECIFIC HYBRIDIZATION, GROWTH PERFORMANCE AND SURVIVAL OF PUREBREDS AND RECIPROCAL HYBRIDS OF TWO *CLARIAS GARIEPINUS* (BURCHELL, 1822) STRAINS IN THE MOUNT CAMEROON REGION**

**FIDELIS NARIKA AMBENO**<sup>1,\*</sup>, BENEDICTA OSHUWARE OBEN<sup>1</sup>, MBENG ASHU ARREY<sup>1</sup>, JOSEPH EBOBENOW<sup>2</sup>, GENEVA OJONG NKONGHO<sup>1,3</sup>, MINDA SANDRA NFUA<sup>1</sup>, PIUS MBU OBEN<sup>1</sup>

CBS22\_FNA\_POSTER 07

**CARACTERISTIQUES PHYSICO-CHIMIQUES ET NIVEAU DE FERTILITE DES VERTISOLS ASSOCIES A LA CULTURE DU *MUSKUUWARI* (*SORGHUM BICOLOR* [L]. MOENCH) EN ZONE SOUDANO-SAHELIENNE DU CAMEROUN**

**RAPMO K. S**<sup>1\*</sup>, YAKOUBA O<sup>1</sup>, KOSMA P<sup>1</sup>, ABDOU B. A<sup>1</sup>, NGAKOU A<sup>2</sup>.

CBS22\_FNA\_POSTER 08

**AMELIORATION GENETIQUE BOVINE PAR VOIE DE CROISEMENT POUR LA PRODUCTION LAITIERE AU CAMEROUN**

**NSANGO A.S.<sup>2,\*</sup>**, MBAH D.A<sup>5</sup>, TAWAH C.L<sup>6</sup>, MANCHANG T.K<sup>24</sup>, BAH G.S<sup>1</sup>, MANJELI Y<sup>3</sup>, NJEHOYA C.A<sup>1</sup>, MFOPIT Y<sup>2</sup>, NGUETOUM C<sup>2</sup>

CBS22\_FNA\_POSTER 09

**EFFECTS OF ARBUSCULAR MYCORRHIZAL FUNGI AND PHOSPHOROUS ON THE GROWTH, TOTAL CHLOROPHYLL CONTENT AND SOME METABOLITES OF EGGPLANT (*SOLANUM MELONGENA* L. VAR. YALO) UNDER SALINE STRESS**

**SHANG E.W<sup>1,\*</sup>**, NOUCK A.E<sup>1</sup>, MUYANG R.F<sup>2</sup>, CHOULA F<sup>2</sup>, TCHIAZE I.A.V<sup>3</sup>, FOTSO<sup>2</sup>TAFFOUO V.D<sup>3</sup>

CBS22\_FNA\_POSTER 10

**CLAMS PROCESSING AND CRITICAL CONTROL POINT (CCP) OBSERVED AT MOUANKO-CAMEROON**

**BAOMOG B. A. M.<sup>1,2</sup>**, BONNY P.<sup>1,2</sup>, MOUAFO H. T.<sup>1,2</sup>, TCHUENCHIEU K. A. D.<sup>2</sup>, NKOUDOU Z. N.<sup>1</sup>, ESSIA NGANG J. J.<sup>1,\*</sup>

CBS22\_FNA\_POSTER 11

**DIVERSITÉ DES INSECTES FLORICOLES DE *CAJANUS CAJAN* (FABACEAE) ET LEUR IMPACT SUR LES RENDEMENTS FRUITIER ET GRAINIER À GUINLAYE (EXTRÊME-NORD CAMEROUN)**

**OLIVIER BALTI MOUDELSIA<sup>1,\*</sup>**, DENIS DJONWANGWÉ<sup>1</sup>, JOSEPH BLAISE PANDO<sup>1</sup>, JOSEPH LEBEL TAMESSE<sup>2</sup>.

CBS22\_FNA\_POSTER 12

**CARACTÉRISATION PHYSICO-CHIMIQUES ET NUTRITIONNELLES DES PULPES DE *MYRIANTHYS ARBOREUS* ISSUES DE QUELQUES FORÊTS DE LA RÉGION DE L'EST-CAMEROUN (BÉLABO, DOUMÉ).**

**WILLY NELSON MATIKE EKWELLE<sup>1</sup>**, ULRICH LANDRY KAMDEM BEMMO<sup>1</sup>, JEAN MARCEL BINDZI<sup>1</sup>, SERGE CYRILLE HOUKETCHANG NDOMOU<sup>3</sup>, STEPHANO TENE TAMBO<sup>2</sup>, PAMELA RÉGINE TAYOU KAMSEU<sup>1</sup>, FRANCOIS NGOUFACK ZAMBOU<sup>4</sup>.

CBS22\_FNA\_POSTER 13

**VALORIZATION OF AGRICULTURAL WASTE (OIL PALM STALKS) AS AN ALTERNATIVE MEDIUM FOR THE CULTIVATION OF *SPIRULINA PLATENSIS***

**NYABEU NGNIKEU PASCALINE LAURE<sup>1</sup>**, WAMBA FOTSOP OSCAR<sup>1</sup>, SIMO CLAUDE<sup>1,\*</sup>, MAGWELL PIERRE FILS RODRIGUE<sup>2</sup>, TCHOFFO KENNEDY<sup>2</sup>, MOMO LUCINDA<sup>2</sup>, MINYAKA EMILE<sup>2</sup>, LEHMAN LÉOPOLD GUSTAVE<sup>3</sup>.

### **TRACK 3: GLOBAL HEALTH DISEASE AND CONTROL**

CBS22\_GHDC\_POSTER 01

**ANTIBIOTIC SUSCEPTIBILITY PATTERNS OF BACTERIA ASSOCIATED WITH SEPSIS AMONG HOSPITALIZED PATIENTS IN THE YAOUNDÉ UNIVERSITY TEACHING HOSPITAL**  
**YIMTCHI NGASSA. C. L.<sup>1,\*</sup>** POKAM THUMAMO. D. B,<sup>1</sup> BAIYE WILLIAM. A,<sup>2</sup> DJACKISSAM WATCHING,<sup>1</sup> BETBEUI CHAFA. B,<sup>2</sup> GONSU KAMGA. H<sup>2,3</sup>

CBS22\_GHDC\_POSTER 02

**EPIDEMIOLOGICAL PROFILE OF GASTROINTESTINAL CANCERS IN DOUALA, LITTORAL REGION OF CAMEROON: A HOSPITAL-BASED RETROSPECTIVE STUDY, 2016 - 2020.**

JUDITH GWLADYS LA FORTUNE EKWE PRISO <sup>A,B</sup>, **FRANCIOLI KORO KORO** <sup>A\*</sup>, JEAN PIERRE NDA MEFO'O <sup>B,C</sup>, LOICK PRADEL KOJOM FOKO <sup>D</sup>, OLIVIER ZIEM <sup>E</sup>, ELISÉE LIBERT EMBOLO ENYEGUE <sup>F</sup>, NGA WINNIE BEKOLO <sup>G,H</sup>, MEDI SIKE <sup>I</sup>, LINDA MESSI ALEMBE <sup>A</sup>, CÉCILE OKALLA EBONGUE <sup>B,C</sup>, ALBERT MOUELLE SONE <sup>B,J</sup>, ANNIE ROSALIE NGONO NGANE <sup>A</sup> AND PIERRE MICHEL JAZET DONGMO <sup>A</sup>

CBS22\_GHDC\_POSTER 03

**CONTROL OF TARO LEAF BLIGHT OF *COLOCASIA ESCULENTA* L. (SCHOTT) USING EXTRACTS OF THREE DOMINANT *GANODERMA* SPECIES IN THE NORTHWEST REGION OF CAMEROON**  
TACHAM W. N<sup>1</sup>, KINGE T. R<sup>1</sup>, **BIH JOAN NDEH**<sup>1\*</sup>

CBS22\_GHDC\_POSTER 04

**IN VITRO SYNERGISTIC EFFECT OF COMBINATIONS OF TETRAHYDROISOQUINOLINES AND TREATMENT ANTIBIOTICS AGAINST MULTIDRUG-RESISTANT *SALMONELLA***  
**NDIP RA**<sup>1</sup>, NGO HANNA <sup>J</sup>, MBAH JA<sup>3</sup>, GHOGOMU SM<sup>1</sup>, NGEMENYA MN<sup>\*1,4</sup>

CBS22\_GHDC\_POSTER 05

**AFROTROPICAL INSECTIVOROUS BATS DISPLAY EXCEPTIONALLY HIGH INFECTION WITH A *Trypanosoma livingstonei* IN THE CENTRAL REGION OF CAMEROON**

**TSAGUE KENFACK JOSEPH**<sup>1,2\*</sup>, BAKWO FILS.MOISE<sup>1</sup>, ATAGANA JULES PATRICK<sup>1</sup>, MBENG DONATUS<sup>1</sup>, SCHAER JULIANA<sup>3</sup>, TCHUINKAM TIMOLEON<sup>2</sup>

CBS22\_GHDC\_POSTER 06

**DATA OF PRIMARY HEALTH CARE DIAGNOSIS AND CHALLENGES ENCOUNTERED BY HEALTH CARE WORKERS IN THE CONTROL OF SCHISTOSOMIASIS IN THE TIKO HEALTH DISTRICT, SOUTH WESTERN CAMEROON**

**EDITH ANGUH**<sup>1</sup>, NICHOLAS TENDONGFOR<sup>2</sup>, ERIC AKUM ACHIDI<sup>3</sup>

CBS22\_GHDC\_POSTER 07

**STUDY ON THE GENDER PREVALENCE AND SENSITIVITY OF UROGENITAL MYCOPLASMAS TO ANTIBIOTICS IN YAOUNDE, CAMEROON**

AHOUGA VOUFO R<sup>1</sup>, MAIDADI FOU DI M<sup>1,2</sup>, ENGOWEI MBAH C<sup>1,3</sup>, ESEMU FORGU L<sup>1,2</sup>, FOUODJI HIOTA<sup>4</sup> P, MOLU JP<sup>1,2</sup>, DJOULDE I<sup>1,2</sup>, BOUBA A, MANSOUR M<sup>1,2</sup>, AKWAH L<sup>1,2</sup>, OUMAR A<sup>1</sup>, NGONDE ESSOME MC<sup>1,\*</sup>

CBS22\_GHDC\_POSTER 08

**HAEMATOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF DONOR BLOOD AT THE YAOUNDÉ UNIVERSITY TEACHING HOSPITAL**

**SULEM YONG INGRID WORTI**<sup>1,2</sup>, MINTYA NDOUMBA ANNICK<sup>1,3</sup>, AMA MOOR VICKY<sup>1,3</sup>, TAYOU TAGNY CLAUDE<sup>1,3</sup>, MBACHAM WILFRED FON<sup>4</sup>, MBANYA DORA <sup>1,4</sup>



## TRACK 4: NATURAL PRODUCTS AND MEDICINAL PLANTS

CBS22\_ NPMP\_POSTER 01

THE NEMATICIDAL ACTIVITY OF *Moringa oleifera* LEAVES EXTRACT AGAINST GASTRO-INTESTINAL STRONGYLES OF GOATS

MBOGNING TAYO Gertrude<sup>1\*</sup>, YONDO Jeannette<sup>2</sup>, NGUEMFO TCHAKUIGNI Arlette<sup>1</sup>, MAKAMTÉ Stephanie<sup>1</sup> and MPOAME MBIDA<sup>1</sup>.

CBS22\_ NPMP\_POSTER 02

FORMULATION OF PLANT BASED HAND-SANITIZERS WITH ESSENTIAL OILS FROM: *Cananga odorata*, *Cinnamomum zeylanicum*, *Citrus sinensis*, *Eugenia caryophyllata* AND *Mentha piperita*.

KAMENIG. N.<sup>1\*</sup> LYONGA E. E. M,<sup>2,3</sup> MONI N. E. D,<sup>1</sup> MONDINDE G. I,<sup>3</sup> NGONGANG T. D,<sup>1</sup> TONGO M. M,<sup>3</sup> NYEGUE M. A<sup>1</sup>

CBS22\_ NPMP\_POSTER 03

GASTROPROTECTIVE AND CURATIVE PROPERTIES OF SOME FOODS COMMONLY CONSUMED IN ADAMAWA, NORTH-WEST AND WEST REGIONS OF CAMEROON

MIKWANGOCK DOMEGNE H. M.<sup>1</sup> AMANG P. A.<sup>2</sup>, SIWE G.<sup>1</sup> ENOW-OROCK G.<sup>3</sup> TAN P.\*

CBS22\_ NPMP\_POSTER 04

ANTIOXIDANT PROPERTIES OF "MENDÍM ME ZOÑ", A SOUTH CAMEROONIAN TRADITIONAL HERBAL TEA, FOR THE MANAGEMENT OF OXIDATIVE STRESS.

MANG YANNICK DIMITRY<sup>1,2\*</sup> BIDJA ABÉNA MARIE THÉRÈSE<sup>1</sup>, DJIOGUE MANEJO EDITH<sup>2</sup>, MEDOUA NAMA GABRIEL<sup>3</sup>, FOKOU ELIE<sup>4</sup>, NJINTANG YANOU NICOLAS<sup>2,5</sup>.

CBS22\_ NPMP\_POSTER 05

PROTECTIVE EFFECTS OF *MORINGA OLEIFERA* AGAINST ACETIC ACID-INDUCED COLITIS IN RAT: INHIBITION OF INFLAMMATORY MEDIATORS AND PRESERVATION OF MORPHOHISTOLOGY OF THE COLON

PAUL AIMÉ NOUBISSI<sup>1\*</sup>, QUEENDOLINE NJILIFAC<sup>1</sup>, MICHEL ARCHANGE FOKAM TAGNE<sup>2</sup>, MIREILLE SYLVIANE DONGMO NGUEPI<sup>3</sup>, JOSEPH MUKAM NGAKOU<sup>4</sup>, GERMAIN TAIWE SOTOING<sup>1</sup>, RENÉ KAMGAMG<sup>4,5</sup>

CBS22\_ NPMP\_POSTER 06

ANTISECRETORY ACTIVITY OF THE STEM BARK AQUEOUS EXTRACT OF *KHAYA GRANDIFOLIOLA* (MELIACEAE) IN RATS OCCURS THROUGH ANTICHOLINERGIC AND ANTIHISTAMINIC PATHWAYS

DESIREE SANDRINE MBIDA ESSAMA<sup>1\*</sup>, GUSTAVE LEBEAU NDJI OTTO<sup>2</sup>, CHRISTOPHE MEZUI<sup>3</sup> AND PAUL VERNYUY TAN<sup>1</sup>

CBS22\_ NPMP\_POSTER 07

SOME POISONOUS PLANTS OF RWANDA: PHYTOCHEMISTRY AND THEIR FORENSIC SIGNIFICANCE

Justin N. KABERA<sup>1</sup>, Etienne NDIKUMANA<sup>1</sup>, Charles KARANGWA<sup>1</sup>

CBS22\_ NPMP\_POSTER 08

GASTRO -PROTECTIVE EFFECT OF *Gongronema latifolium* LEAF FOLLOWING ETHANOL-INDUCED MUCOSA ULCERATION IN MALE WISTAR RATS.

DASOFUNJO, KAYODE<sup>†</sup>, BERINYUY E.B.<sup>2</sup>, EZUGWU, H. C<sup>3</sup> AND ANDEM, I. E<sup>4</sup>

CBS22\_ NPMP\_POSTER 09

**ANTIFUNGAL ACTIVITY OF EXTRACTS OF *CYMBOPOGON CITRATUS*, *PELLINUS PACHYPLOEUS* AND *PLEUROTUS TUBER-REGIUM* AGAINST *USTILAGO MAYDIS*, THE CAUSATIVE AGENT OF MAIZE SMUT.**

**NKODO EKEME<sup>1,\*</sup>, MOSSEBO D.C.<sup>1</sup>, OUAHOU W. B.<sup>2</sup>**

CBS22\_ NPMP\_POSTER 10

**CARACTERISATION PHYTOCHIMIQUE, EVALUATION DE L'ACTIVITE HEPATOPROTECTRICE ET TOXICITE AIGÛE D'EXTRAITS DE FEUILLES DE *Mimosa pudica* (MIMOSACEAE) SUR LES RATS DE LA SOUCHE *Wistar***

**MAS'-UD HAYATOU<sup>1</sup>, Estella TEMBE<sup>1</sup>, BAYAGA Herve<sup>2</sup>, NJINKIO NONO BORGIA<sup>1</sup>, Edwige TCHADJI MAYOUDOM<sup>1</sup>, NENE AHIDJO<sup>1</sup>, TABI OMGBA Yves<sup>1</sup>, Charles N FOKUNANG<sup>1\*</sup>**

CBS22\_ NPMP\_POSTER 11

**BIOACTIVE COMPOUNDS OF THE AQUEOUS EXTRACT OF *ACMELLA CAULIRHIZA* TARGETS APOPTOSIS BY DOWN-REGULATE GENES EXPRESSION AND ACTIVATED CASPASE 3 IN YUMM 1.7 LINE**

**TIENOUE FOTSO H. M.<sup>1\*</sup> MBONG A. M.<sup>1</sup> NTENTIE F. R.<sup>1</sup> MAKAMWE I.<sup>1</sup> EDOUN EBOUEL F. L.<sup>1,2</sup> AND OBEN J. E.<sup>1</sup>**

CBS22\_ NPMP\_POSTER 12

**3CL-PRO INHIBITORS FROM *DISCOGLYPREMNA CALONEURA* AND *PTEROCARPUS ERINACEUS* AND THEIR MOLECULAR DOCKING INVESTIGATION.**

**TOUKAM D.P<sup>1\*</sup>, SONG D.G.<sup>2</sup>, NANGMO K.P.<sup>1</sup>, MUKIM S.<sup>2</sup>, KOPA K.T.<sup>1</sup>, TCHINDA T.A.<sup>1</sup>, AGBOR A.G.<sup>1</sup>**

CBS22\_ NPMP\_POSTER 13

**CHEMICAL AND ANTIBACTERIAL INVESTIGATIONS OF *CNESTIS FERRUGINEA* (CONNARACEAE) AND *DIOSPYROS MESPILIFORMIS* (EBENACEAE).**

**DZEFFOUO KOUCHELE Beauvarine<sup>1\*</sup>, MVOT AKAK Carine<sup>1</sup>, NDJAKOU LENTA Bruno<sup>2</sup>, NKENGFACK Augustin Ephrem<sup>1</sup>**

CBS22\_ NPMP\_POSTER 14

**SOYAUXININE, A NEW INDOLOPYRIDOQUINAZOLINE ALKALOID FROM THE STEM BARK OF *ARALIOPSIS SOYAUXII* ENGL. (RUTACEAE).**

**NOULALA TCHATCHOUANG Cédric Guy<sup>2,4</sup> ATANGANA FOU DA Albert<sup>1\*</sup>, WANSI Jean Duplex<sup>3</sup>, KAMDEM WAFFO Alain Francois<sup>3</sup> and SEWALD Norbert<sup>4</sup>.**

CBS22\_ NPMP\_POSTER 15

**IN VIVO ANTIBACTERIAL AND TOXICITY OF VOACANGA AFRICANA STEM BARK AGAINST MULTIDRUG-RESISTANT SALMONELLA TYPHIMURIUM**

**AWAH LAUPY ANNE<sup>1</sup>, GERMAINSOTOINGTAÏWE<sup>2</sup>, SMITH BORAKAYEBE BABIAKA<sup>2</sup>, FIDELIS CHO-NGWA<sup>3</sup>, NJUTAIN MOSES NGEMENYA<sup>1,4\*</sup>**

CBS22\_ NPMP\_POSTER 16

**BIO-GUIDED EVALUATION OF ANTIFUNGAL ACTIVITY FROM THREE CAMEROONIAN MEDECINAL PLANTS: *ASPILIA ANGUSTIFOLIA* (ASTERACEAE), *LEE A GUINEENSIS* (LEEACEAE) AND *SAPIUM CORNUTUM* (EUPHORBIACEAE).**

**LITCHANG Martial Lamere<sup>1\*</sup>, NGUENA DONGUE Branly<sup>2</sup>, MKOUNGA Pierre<sup>1</sup>, OUAHOU Wache Blandine<sup>1</sup>, NKENGFACK Augustin Ephrem<sup>1</sup>, LENTA NDJAKOU Bruno<sup>3</sup> AND SEWALD Norbert<sup>4</sup>**

CBS22\_ NPMP\_POSTER 17

**IN VIVO ANTIDIARRHEAL ACTIVITY OF AQUEOUS AND ETHANOLIC LEAVES EXTRACTS OF *RUMEX BEQUAERTII* DE WILD (POLYGONACEAE) IN EXPERIMENTAL INDUCED DIARRHEA IN WISTAR ALBINO RATS**

**CLAUDE RUPHIN MOUGOUE DEUMENI<sup>1\*</sup>, ANDRE PERFUSION AMANG<sup>1</sup>, CELINE NGUEFEU NKENFOU<sup>2,3,4</sup>, AUGUSTIN NOTEDJI<sup>3</sup>, GAEL TCHOKOMENI SIWE<sup>5</sup> AND PAUL VERNYUY TAN<sup>5</sup>**

CBS22\_ NPMP\_POSTER 18

**CHEMICAL STUDIES OF TWO CAMEROONIAN MEDICINAL PLANTS: *MACARANGA HURIFOLIA* (EUPHORBIACEAE), *CONYZA AEGYPTIACA* (ASTERACEAE) AND EVALUATION OF THEIR POTENTIAL AGAINST *STAPHYLOCOCCUS AUREUS*.**

**MBARGA ETOGA PAUL<sup>1\*</sup>, MBEKOU KANKO MICHÈLE INES<sup>2</sup>, MKOUNGA PIERRE<sup>1</sup>, NKENGFAK AUGUSTIN EPHREM<sup>1</sup>, LENTA NDJAKOU BRUNO<sup>3</sup> AND SEWALD NORBERT<sup>4</sup>**

CBS22\_ NPMP\_POSTER 19

**BIOGUIDED INVESTIGATION AND POTENTIAL ANTISHIGELLA ACTIVITY OF TWO CAMEROONIAN MEDICINAL PLANTS: *DETARIUM MACROCARPUM* (CAESALPINIACEAE) AND *CARAPA MACRANTHA* (MELIACEAE)**

**TIOGO KAMGNI Steveng Schuller<sup>1\*</sup>, FEUDJOU FOUATIO William.<sup>2</sup>, TCHOKOUAHA YAMTHE Lauve Rachelle.<sup>2</sup> TCHINDA TIABOU Alembert.<sup>2</sup> and LENTA NDJAKOU Bruno.<sup>3</sup>**

CBS22\_ NPMP\_POSTER 20

**EFFECT OF ULTRAVIOLET RAYS AND OREGANO ESSENTIAL OIL COMBINED TREATMENT ON THE INACTIVATION OF *Escherichia coli* IN FRUITS JUICES**

**Christelle MOGA<sup>1,2</sup>, Alex TCHUENCHIEU<sup>2\*</sup>, Abraham NKOUE<sup>1</sup>, Sylvain Kamden SADO<sup>1\*</sup>**

CBS22\_ NPMP\_POSTER 21

**CHEMICAL STUDY OF A CAMEROONIAN MEDICINAL PLANT WITH ANTIPLASMODIAL ACTIVITY: *BALANITES AEGYPTIACA* (ZYGOPHYLLACEAE)**

**SAIDOU TSILA. S.<sup>1\*</sup>, FONGANG FOTSING Y. S.<sup>2</sup>, NDJAKOU LENTA. B<sup>3</sup>**

CBS22\_ NPMP\_POSTER 22

**KNOWLEDGE OF MAYO-BANYO POPULATIONS (ADAMAOUA, CAMEROON) ON THE SPECIES *PRUNUS AFRICANA* (HOOK. F.) *KALKMAN* (ROSACEAE) AND JUSTIFICATION FOR ITS USE IN TRADITIONAL MEDICINE**

**SIKADEU S<sup>(1,2) \*</sup>, MVOGO OTTOU B. P.<sup>1</sup>, PRISO R. J.<sup>1</sup>, BETTI JL<sup>1</sup>, ETAME LOE G. M. M.<sup>2</sup>**

CBS22\_ NPMP\_POSTER 23

**CHEMICAL STUDY AND EVALUATION OF ANTIPLASMODIAL ACTIVITY OF *Jacaranda mimosifolia* D. DON (BIGNONIACEAE)**

**NGEONKOU M. C<sup>1\*</sup>, TCHATAT TALI M. B<sup>2</sup>, AZEFACK TAPONDJOU L<sup>3</sup> NGOUELAS. A<sup>4</sup>**

CBS22\_ NPMP\_POSTER 24

**CHEMICAL STUDY AND ANTIBACTERIAL EVALUATION OF THE METHANOL EXTRACT OF SEEDS FROM THE FRUITS OF *ALLANBLACKIA FLORIBUNDA* (CLUSIACEAE)**

**NGUEGUIM STEPHANIE<sup>\*</sup>, OUAHOUE BLANDINE<sup>1</sup>, TONGA JORDAN<sup>2</sup>, NKENGFAK AUGUSTIN EPHREM<sup>1</sup>**

CBS22\_ NPMP\_POSTER 25

**ENDOPHYTIC FUNGI, ALTERNATIVE SOURCES OF BIOACTIVE MOLECULES (*ASPERGILLUS CANDIDUS*)**

GAËLLE TALLE JUIDZOU<sup>a, b, \*</sup>, ELODIE GISÈLE ANOUMEDEM MOUAFO<sup>d</sup>, DENIS KEHDINGA SEMA<sup>a</sup>, BOSCO PERON LEUTCHA<sup>a, b</sup>, JEAN-BOSCO JOUDA<sup>c</sup>, ATIA-TUL-WAHAB<sup>b</sup>, MUHAMMAD IQBAL CHOUDHARY<sup>b</sup>, SIMEON F. KOUAM<sup>d</sup>, ALAIN MELI LANNANG<sup>a, c</sup>.

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**ANTIOXIDANT ACTIVITY, PROXIMATE COMPOSITION AND LIPID QUALITY OF BAOBAB (*ADANSONIA DIGITATA* L.) SEEDS FROM NORTH-CAMEROON**

<sup>\*AB</sup>GHISLAIN MBENG NYEMB, <sup>B</sup>ADÉLINE OUETHY NANA, <sup>C</sup> VESHE-TEH ZEMOH NINYING SYLVIA, <sup>B</sup>WENDY BOCHOU METUMAH, <sup>A</sup>FABRICE TONFACK DJIKENG

CBS22\_ NPMP\_ POSTER 27

**ACTIVITES ANTIFONGIQUES DE L'HUILE ESSENTIELLE D'AFRAMOMUM AULACOCARPOS CONTRE LES CHAMPIGNONS ISOLES DES FEVES DE CACAO**

TONYE E. L\*, KENFACK N.S.B, TALLA A, AMBATA T, KAMSU P, MOUSSANGO DAVY, NGUIKWIE\* K.S, JAZET D.P.M

CBS22\_ NPMP\_ POSTER 28

**ANTISECRETORY AND SPASMOLYTIC ACTIVITIES OF AQUEOUS AND ETHANOLIC STEM BARK EXTRACTS OF *Nauclea diderrichii* IN WISTAR RATS**

DOUHO DJIMELI RC<sup>1</sup>, NCHOUWET ML<sup>1</sup>, POUALEU KAMANI SL<sup>1</sup>, TCHOUMBA TCHOUMI LM<sup>1</sup>, KAMANYI A<sup>1</sup>, WANSI NGNOKAM SL<sup>1\*</sup>

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**PHENOLICS COMPOUNDS FROM TWO CAMEROONIAN MEDICINAL PLANTS :**

***MARACANGA MONANDRA* (EUPHORBIACEAE) AND *GREWIA GLANDUSOLA* (TILIACEAE)**

TOKO GUIZOKO EINSTEIN<sup>1\*</sup>, TCHAPO DJAPPA CARLAIN EMAR<sup>1</sup>, FOUOTSA HUGUES<sup>2</sup>, TSAMO TSAMO ARMELLE<sup>1</sup>, PAGNA MAWOUMA ISSAH JULIO<sup>1</sup>, TSAFFACK MAURICE<sup>1</sup>, MKOUNGA PIERRE<sup>1</sup>, YANG WANG<sup>3</sup>, IQBAL CHOUDHARY Muhammad<sup>3</sup> AND NKENGFAK

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**STUDIES OF THE ANXIOLYTIC AND ANTI-DEPRESSIVE PROPERTIES OF THE ESSENTIAL OIL OF *Lavandula angustifolia* IN OVARECTOMIZED RATS UNDER MILD CHRONIC STRESS**

DJIOGUE. S,<sup>1</sup> KEMMO C,<sup>2</sup> DJIKEM T.R.N,<sup>2</sup> MOTOUM T. F ,<sup>3</sup> MASSOP W.N.C,<sup>2</sup> NJAMEN D,<sup>1</sup>

## **ADDITIONAL POSTERS**

## **TRACK 1: ENVIRONMENT FORESTRY AND CLIMATIC CHANGES**

CBS22\_EFCC\_POSTER 17

**ACTION PROFILE OF ORGANOCHLORINE PESTICIDES USED IN CAMEROON ON ACETYLCHOLINESTERASE.**

**NANHAH KAMGA JULES <sup>A</sup>, AMBAMBA AKAMBA BRUNO DUPON <sup>A</sup>, AHOTON NGUEPI MAX AROLL, NGONDI JUDITH LAURE <sup>B</sup>**

CBS22\_EFCC\_POSTER 18

**FAUNE AQUATIQUE DES EAUX SOUTERRAINES DU VILLAGE BAFU (OUEST CAMEROUN) MADIESSE KAMDEM NELYE, BANGA MEDJO PASCALE MARIE, TUEKAM KAYO RAOUL POLYCARPE, ZAMBO GABRIEL, MOANONO PATRICK, MVONDO NARCISSE QUANTINE, ZEBAZE TOGOUET SERGE HUBERT\***

## **TRACK 2: FOOD NUTRITION AND AGRICULTURE**

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**ESSAI DE PRODUCTION DES LARVES DE MOUCHES *MUSCA DOMESTICA* (L. 1758) ET *CALLIPHORA VOMITORIA* (L. 1758)**

**EBALE KOTO HENRI**

CBS22\_FNA\_POSTER 14

**ESSAI D'INTRODUCTION DE LA FARINE DE SANG DE BŒUF DANS L'ALIMENTATION DES POULETS DE CHAIR**

**BIYIGA CLAUDE DANIEL**

CBS22\_FNA\_POSTER 15

**ISOLATION AND ASSESSMENT OF PHOSPHATE SOLUBILIZING ACTIVITY OF PEANUT NODULATING BACTERIA**

**MBA EDOU SIMON. JEREMIE<sup>1</sup>, YOUAGANG GOUGUEU HARRIS STEPHANE<sup>1</sup>, SEMBOUNG LANG FIRMIN<sup>1</sup>, NGO NKOT LAURETTE<sup>1\*</sup>**

CBS22\_FNA\_POSTER 16

**BIOCHEMICAL BASIS OF SUSCEPTIBILITY ON *Solanum* spp. (SOLANACEOUS) AND THEIR RELATIONSHIP WITH FRUIT DAMAGE DUE TO *Leucinodes orbonalis* GUENÉE (LEPIDOPTERA: PYRALIDAE)**

**ELONO AZANG PIERRE STEPHAN<sup>1</sup>, HEUMOU CYRIL ROMEO<sup>3</sup>, ALENE DESIREE CHANTAL<sup>2</sup>, NGASSAM PIERRE<sup>4</sup> AND DJIETO-LORDON CHAMPLAIN<sup>2</sup>**

CBS22\_FNA\_POSTER 17

**EFFECT OF PULP REDUCTION ON THE QUALITY OF MARKETABLE COCOA AFTER FERMENTATION AND DRYING**

**TADOUANLA TCHINDA<sup>1</sup>, EYAMO EVINA Victor Jos<sup>1,2</sup>, KUATSE WABO Ivant<sup>1</sup>, ELOUGA Christine Rosette<sup>1</sup> and NIEMENAK Nicolas<sup>1</sup>**

## **TRACK 3: GLOBAL HEALTH DESEASE CONTROL**

*No Poster Abstracts*

## **TRACK 4: NATURAL PRODUCTS AND MEDICINAL PLANTS**

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**CHARACTERIZATION AND ANTIFUNGAL ACTIVITY OF NANOEMULSION ESSENTIAL OIL OF *Ocimum gratissimum* AGAINST *Rhizopus stolonifer* CAUSAL AGENT OF SOFT ROT OF *Dioscorea rotundata***

**BIDJA MENGUE JAURÈS<sup>1</sup>, KABEYENE MARCELLE ORNELLA<sup>2</sup>, KENFACK NGUIMATSIA SAMANTHA<sup>2</sup>, BOUELET NTSAMA ISABELLE SANDRINE<sup>1</sup>, NOUGA BISSOUE ACHILLE<sup>1</sup>, JAZET DONGMO PIERRE MICHEL<sup>2\*</sup>**

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**ANTIPLASMODIAL ACTIVITY OF MEOH/CH<sub>2</sub>CL<sub>2</sub> (1:1) EXTRACT OF MACARANGA MONANDRA (EUPHORBIACEAE) LEAVES AND SOME OF THEIR CONSTITUENTS**

**GWLADYS TATIANA YOUMBI <sup>1</sup>, NOELLA EFANGUE <sup>2</sup>, BILLY TOUSSIE TCHEGNITEGNI<sup>3</sup>, BRUNO NDJAKOU LENTA<sup>4</sup>, JULES JEAN KEZETAS BANKEU<sup>5</sup>, NORBERT SEWALD<sup>6</sup>**

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**IN VITRO ANTIFUNGAL POTENTIAL OF ESSENTIAL OILS AND MICROEMULSIONS OF *SYZYGIUM AROMATICUM* AGAINST *LASIODIPLODIA PSEUTHEOBROMAE* RESPONSIBLE FOR THE BLACK ROT OF COCOA IN CAMEROON.**

**KABEYENE M O\*, TCHINDA S E , AMBATA A H T., DAVY M V , BIDJA M J , KENFACK N S B, TCHAMENI N S, SAMEZA M L AND JAZET D P M**

