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His Excellency Ambassador of Italy in Morocco
His Excellency Ambassador of Ukraine in Morocco
Mr. Mayor of Fez city
Mr. President of USMBA Fez
Mr. President of UIT Kenitra
Mr. President of chamber of Agriculture
Mr. Dean of FSDM Fez
Mr. Vice Dean of Academic Affairs _ FSDM Fez
Mr. Vice Dean of scientific research _ FSDM Fez

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Prof. BRISHA Meryem (UEMF-Morocco)
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SANTAL Chaïmae (PhD student, FSDM-Morocco)
TOUIJER Hanane (PhD student, FSDM-Morocco)
ZAYOU Latifa (PhD student, FSDM-Morocco)
EL OUAHDANI Khadija (PhD student, FSDM-Morocco)
MASSAOUDI Yousra (PhD student, FSDM-Morocco)
DRISSI KAITOUNI Leila (PhD student, FSDM-Morocco)
AMAGHNOUJE Amal (PhD student, FSDM-Morocco)
Ait AASSOU Soumia (PhD student, FSDM-Morocco)
AMAKDOUF Halima (PhD student, FSDM-Morocco)
BELHASSAN Hajar (PhD student, FSDM-Morocco)
BOUARFA Mouna (PhD student, FSDM-Morocco)

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Prof. Dr. Oleksandr KOSTIUK, (Ioch-Ukraine)
Prof. Dr. Serhii BOHZA (IOCh, Ukraine)
Dr. AVELLA Maurizio (IPCB-CNR-Italy)
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Prof. BOUSTA Dalila (FSDM-Morocco)
Prof. EL KARKORI Abdenbi (FPT-Morocco)
Prof. EL KHANCHOUFI Abdeslam (FSDM-Morocco)
Prof. SQALLI H. Tarik (FMP-Morocco)

Impact

In research and development, this scientific manifestation will let the participant exchange their knowledge in novel technologies relative to biomolecules natural and/or synthetic target in the case of cancer and other diseases

Objective

This colloquium will be an occasion for exchange of knowledge and advances in the domain of new molecules and medicinal plants in both chemical and Pharmacological side and its relation with the health

Colloquium secretariat

thirdseminarfezh2020@gmail.com

Coordination

Prof. Dalila BOUSTA

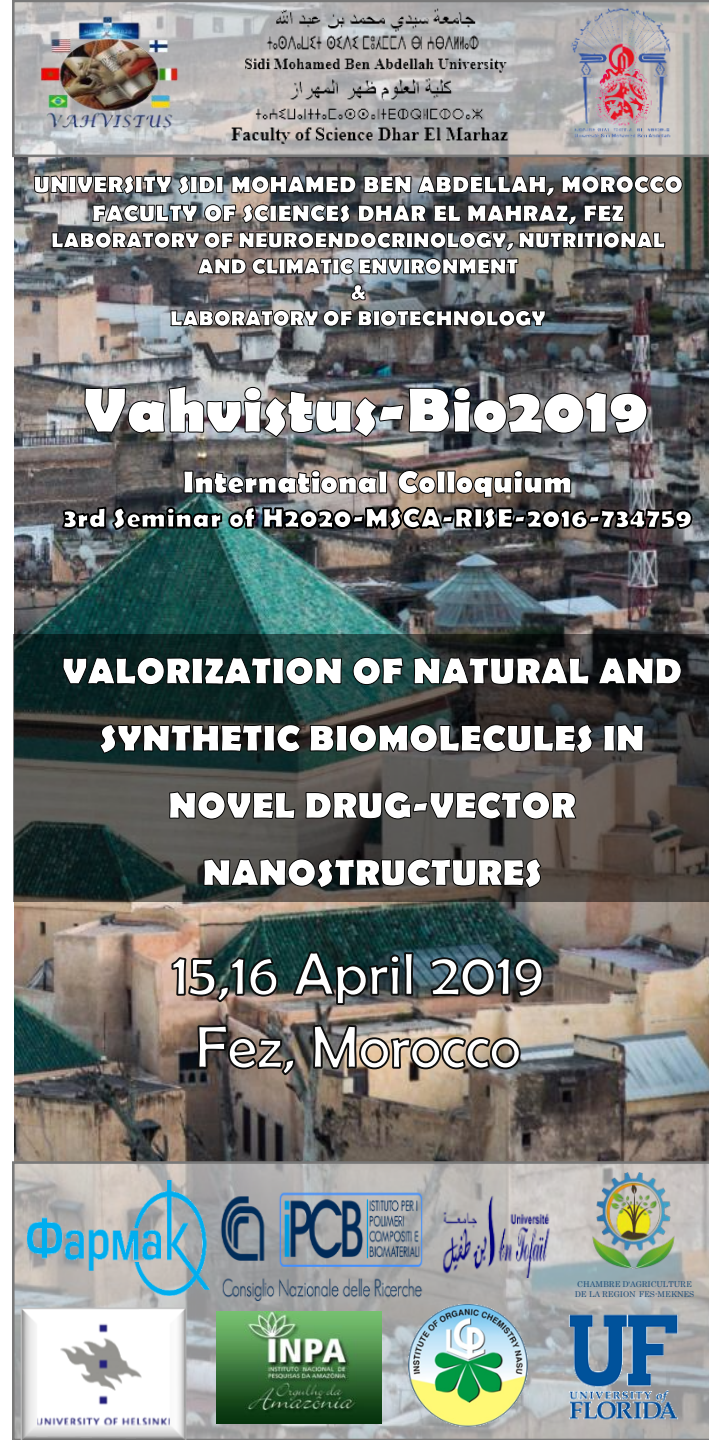
Fax 00212 (0)5 35 73 29 81/GSM: 00212(0)649103080

boustadalila@gmail.com

Prof. Hicham BEKKARI

Fax 00212 (0)5 35 73 29 81/GSM: 00212(0)662012560

hicham.bekkari@usmba.ac.ma - hichambekkari@yahoo.fr



The poster for Vahvistus-Bio2019 International Colloquium features a background image of a cityscape with a prominent green-roofed building. The text is overlaid in white and yellow. At the top, there are logos for the University of Helsinki and the Faculty of Science Dhar El Mahraz. The main title 'Vahvistus-Bio2019' is in large, bold, white letters. Below it, 'International Colloquium' and '3rd Seminar of H2020-MSCA-RISE-2016-734759' are written. The theme 'VALORIZATION OF NATURAL AND SYNTHETIC BIOMOLECULES IN NOVEL DRUG-VECTOR NANOSTRUCTURES' is in bold, white, all-caps. The date '15,16 April 2019' and location 'Fez, Morocco' are also in white. At the bottom, there are logos for various organizations including Pharmak, PCB, INPA, UF, and others.

جامعة بني عبد الله
Sidi Mohamed Ben Abdellah University
كلية العلوم ظهير المهرزاز
Faculty of Science Dhar El Marhaz

UNIVERSITY SIDI MOHAMED BEN ABDELLAH, MOROCCO
FACULTY OF SCIENCES DHAR EL MAHRAZ, FEZ
LABORATORY OF NEUROENDOCRINOLOGY, NUTRITIONAL
AND CLIMATIC ENVIRONMENT
&
LABORATORY OF BIOTECHNOLOGY

Vahvistus-Bio2019
International Colloquium
3rd Seminar of H2020-MSCA-RISE-2016-734759

**VALORIZATION OF NATURAL AND
SYNTHETIC BIOMOLECULES IN
NOVEL DRUG-VECTOR
NANOSTRUCTURES**

15,16 April 2019
Fez, Morocco

Pharmak, PCB, INPA, UF, and other logos are visible at the bottom.

Program of the Colloquium

Day 1 : 15 April 2019

• 08:30 – 09:30

Participant registration.

• 09:45 – 10:00

Introductory speech Ambassadors, Ukraine, Finland, Italy

• 10:00 – 10:15

Prof. Dr. Redouane MRABET, *President of USMBA Fez*

Introductory speech-USMBA Fez

• 10:15 – 10:30

Prof. Dr. EL MIDAOU Azzedine, *President of UIT Kenitra*

Introductory speech-UIT Kenitra

• 10:30 – 10:45

Prof. Dr. Mohamed BENLEMLIH, *Dean of FSDM Fez*

Introductory speech-FSDM-Fez

• 10:45 – 11:00

Prof. Dalila BOUSTA & Prof. Hicham BEKKARI

Introductory speech of coordinators

of Vahvistus-Bio2019

• 11:00 – 11:30

Coffee break

• 11:30 – 11:45

Prof. Dr. Andriy GRAFOV, *VAHVISTUS Coordinator, Finland)*

VAHVISTUS Current achievements and perspectives

• 11:45 – 12:00

Prof. Dr. Abdesslam EL KHANCHOUFI, *Ex Director of INPMA, Fez*, valorization of medicinal plants in Morocco: promising economic sector

• 12:00 – 12:15

Dr. Omar IDRISI, *Bioexpert lab, Fez*

Moroccan experience in the industry of herbal food supplements: Bioexpert lab

• 12:15 – 12:30

Prof. Dr. Souad SKALLI *UM5, Rabat*

herbal and traditional medicines now and future-pharmacovigilance concern

• 12:30 – 12:45

Prof. Dr. Oleksandr ROZHENKO, *IOCh-NAS, Ukraine*

Modified Sb-based nanoparticles as potential anti-leishmania drugs: computational modelling of surface effects and reactions.

• 12:45-13:30

Discussion

• 13:30 – 15:00

Lunch

• 15:00 – 15:15

Prof. Dr. Andriy GRAFOV, *EOK-HY, Finland*

Development of inorganic drug-vector nanostructures for targeted drug delivery

• 15:15 – 15:30

Dr. Maurizio AVELLA, *IPCB-CNR, Italy*

Marine Litter: mitigation strategies and circular economy

• 15:30 – 15:45

Dr. Gemilson SOARES PONTES, *INPA, Brazil*

Immunomodulatory and anticancer potential of pharmaceutically active compounds (PhACs)

• 15:45 – 16:00

Prof. Dr. Anouar ALAMI, *FSDM-Fez*

synthesis and comparative study of biological activities of some heterocyclic compounds

• 16h00– 16:30

Discussion

• 16h30– 17:00

Coffee break and poster visit

• 17:00 – 17:15

Prof. Dr. Oleksandr KOSTIUK, *IOCh-NAS, Ukraine*

Pharmaceutically active compounds (PhAC): synthesis and characterisation.

• 17:15– 17:30

Prof. Dr. Kawtar BENBRAHIM, *FST-Fez, Morocco*

Chemical characterization and antibacterial activities of the essential oils of Pelargonium graveolens and Myrtus communis and their synergistic antibacterial effect

• 17:30 – 17:45

Prof. Dr. Serhii BOHZA, *IOCh-NAS, Ukraine*

New bioactive heterocyclic systems with spiroindolone core.

• 17:45 – 18:00

Dr. Iryna GRAFOVA, *EOK-HY, Finland*

Modern view on the creation of drugs against protozoal parasitic infections

• 18:00-18h30

Discussion

Day 2 : 16 April 2019

• 09:00 – 09:15

Prof. Dr. El Mestafa EL HADRAMI, *FST-Fez*

Synthesis of new molecules with medicinal interests

• 09:15 – 09:30

Prof. Dr. Dalila BOUSTA, *FSDM, Fez, Morocco*

Current achievement in VAHVISTUS after the official integration of FSDM : valorization of some natural fractions derivatives from Maps

• 09:30 – 09:45

Dr. Adib BENFEDOUL, *France*

essential oils in Therapy

• 09:45 – 10:00

Dr. Iryna NAHORICHNA, *Farmak, Ukraine*

Experience of implementing pharmaceutical technologies. Synthesis and characterization of metal complexes (aluminum, zinc, bismuth) with organic acids as a potential active pharmaceutical ingredient.

• 10:00 – 10:15

Dr. Pierfrancesco CERRUTI, *IPCB-CNR, Italy*

Thermo-responsive polymers as nanovectors for controlled release

• 10:15 – 11:15

Discussion

Coffee break and poster visit

• 11:15 – 11:30

Dr. Martina USSIA, *IPCB-CNR, Italy*

ROS-responsive materials based on porphyrin polymers

• 11:30 – 11:45

Dr. Gennaro Roberto ABBAMONDI, *IPCB-CNR, Italy*

"Tomato: A High Value Food In The Mediterranean Diet"

• 11:45 – 12:00

Prof. Dr. Amina BARI *FSDM-Fez*

The most popular medicinal plants in Morocco

• 12:00– 12:15

Prof. Dr. Khalil EL MABROUK, *UEMF, Morocco*

When bioceramics science and 3D printing meet regenerative medicine

• 12:15- 12:30

Dr. Andriy BEZDUDNY, *Farmak, Ukraine*

Synthesis of new imidazole and thiotriazolone derivatives for the investigation of their antiparasitic activity.

• 12:30 – 13:00

Discussion

• 13:00 – 15:00

Lunch

• 15:00 -16h00

Mini-Symposium : Applications of nanotechnology in medicine.

• 16:00 – 16:30

Coffee break

• 16:30 – 18:00

Management Board