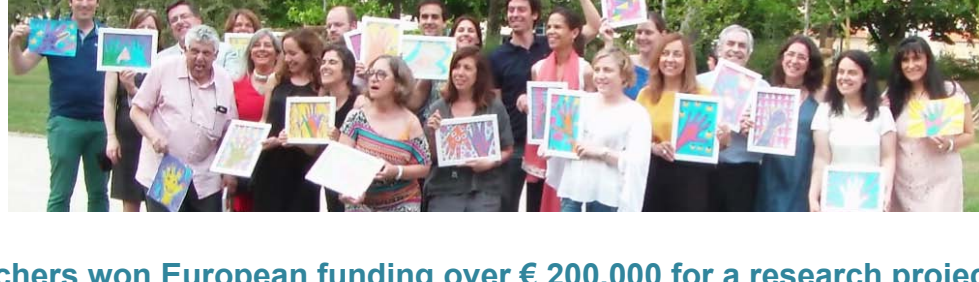


September 2018

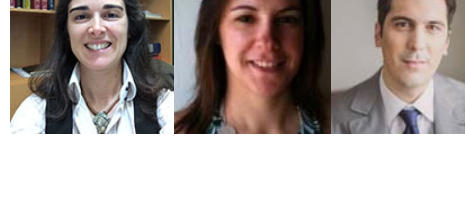
Lusófona's School of Health Sciences and Technologies (ECTS) celebrates 20 years

This project, originally called "Training in Health", had its origin in the then Department of Health Sciences, later Faculty of Health Sciences and since 2012 School of Health Sciences and Technologies. A long journey, marked by several milestones - ALIES and the (now) recognized Biomedical and Biopharmaceutical Research journal (BBR), the Faculty of Veterinary Medicine, the School of Health Ribeiro Sanches (ERISA), the "new" Clinic of São João de Deus and CBIOS. Through a group of collaborators who, over the years, many from the beginning, have placed their knowledge, competence and commitment, so often gracious, to the service of this unique project, especially in the Country and in the universal space of Portuguese language. We are certain that this pioneering bet has as enthusiastic followers as the founders. Therefore, we hope and wish that this was the first of many (and therefore very special) VINTAGE that we mark and certainly celebrate. Thank you all



CBIOS researchers won European funding over € 200,000 for a research project

The researchers at CBIOS, Pedro Fonte, Catarina Rosado and Tânia Almeida were awarded with a funding from COMPETE 2020 for their research project entitled "A nanotechnological approach for topical administration of insulin for wound treatment" (PTDC / MEC-DER / 32610/2017), in collaboration with the Faculty of Pharmacy of the University of Porto. The project takes will last 3 years with a financial support of more than € 200,000 from European funds.



Our university in the EIA - European Innovation Academy

Lusófona University and the EIA - the European Innovation Academy have recently met to discuss the deepening of the partnership of this prestigious international association involving Banco de Santander, Stanford University and several Silicon Valley companies. The meeting was attended by the Executive Director of the EIA Alar Kolk, and the EIA Ambassador in Portugal, Prof. Pedro Fonte. As a result of this meeting, the EIA has made available 10 scholarships to the Academy of Entrepreneurship that brought together 200 potential entrepreneurs in Portugal this summer.



The student João Batista, winner of the 1st Business Ideas Contest of Lusófona University, launched under an initiative of the School of Sciences and Health Technologies, that won the passport to the European Innovation Academy Portugal 2018 in Cascais, developed the start up Paralegal Bot, being one of the winners of this year's edition of the largest academy of entrepreneurship in the world. His business idea consists in a platform for legal advice using artificial intelligence.

Students of Pharmaceutical Sciences and Nutrition Sciences of the ECTS of Lusófona University, Miguel Raposo and Ivo Borges, respectively, created start-up companies at the European Innovation Academy Portugal 2018 in Cascais under the guidance of mentors from Silicon Valley, USA. Miguel Raposo has developed Pick 2 Play that consists of an innovative platform that promotes the practice of sports and avoids absenteeism. In turn, Ivo Borges developed a start up operating in the area of nutrition and sports.



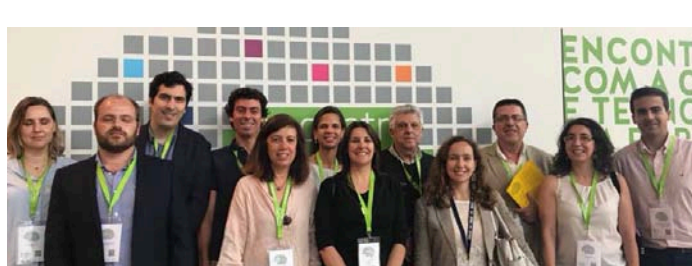
Lecturer from Brazil to carry out a post-doctoral project at the DDS group at CBIOS



The CBIOS receives in its research group the Professor Joyce Costa from the Federal University of Jequitinhonha and Mucuri Valleys. The researcher will remain at CBIOS for a period of one year developing the research project entitled "Methods of encapsulation and their mechanisms of release of microencapsulated food ingredients", which falls within the area of nano- and microtechnology applied to Food Science and Nutrition.

Ciência 2018 Meeting

On July 2, 3 and 4, CBIOS was represented at the Meeting with Science and Technology in Portugal - Ciência 18. The Science Event 2018 is an annual meeting of Portuguese researchers promoted by the Fundação para a Ciência e Tecnologia, with the support through the Ministry of Science, Technology and Higher Education. CBIOS was represented in oral presentations (Professors Pedro Fonte, Nuno Saraiva and António Raposo), moderation of the CBIOS coordinator Professor Luis Monteiro Rodrigues and 3 posters of PhD students.



COST actions



The researcher of CBIOS, Pedro Fonte was selected for two COST actions for European cooperation in research in Science and Technology. He was elected as a member of the Management Committee of the COST action entitled "Translational Research on Perinatal Derivatives in Therapeutic Approaches" and was elected Management Committee substitute member of the COST Action entitled "Delivery of antisense RNA Therapeutics".

Professors of ECTS integrate the new National Observatory for Emerging Risks

The National Observatory for Emerging Risks (ONRE) was recently created, associated to ASAE. The ECTS Professors Maria do Céu Costa and Ana Sofia Fernandes integrate this Observatory. The ONRE is constituted by a multidisciplinary team and aims at the early identification of emerging risks, seeking the anticipation of risk assessment needs and the prevention of food safety challenges. It works closely with the "Emerging Risks Exchange Network" of the European Food Safety Authority (EFSA), from which Prof. Maria do Céu Costa is the delegate from PT-ASAE. Another goal of the ONRE is to create an Iberian Network for Emerging Risks together with the Red Nacional de Riesgos Emergentes (Spain).



"Cell invasion and migration workshop" at U. of Coimbra co-organized by CBIOS



The researchers from CBIOS, Prof Ana Fernandes and Prof Nuno Saraiva were invited to teach the "Cellular Invasion and Migration Assessment Workshop" at the sixth edition of the Cell Culture Course - Beyond the Microscope, Culturing Life! The course was organized by CIMAGO, University of Coimbra, in close collaboration with CBIOS, Universidade Lusófona. The workshop counted on about 50 participants and allowed to establish a new partnership between the two institutes and groups of investigation involved.

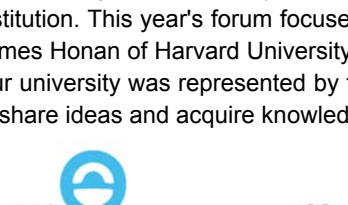
Professor Ana Fernandes honoured with the title of European Registered Toxicologist (ERT)

In June 2018, the Professor Ana Sofia Fernandes received the title of European Registered Toxicologist. This certification is attributed by the Eurotox and recognizes toxicologists who excel by high standards of education, skills, and professional experience.



U. Lusofona in the AIM Global Deans Forum in Glasgow

Every year at the International Pharmaceutical Federation (FIP), a Global Forum of Rectors for Rectors, Vice-Rectors and leaders of their members' Colleges and Schools is organized to discuss current and relevant topics for the industry in an international arena. The Academic Institutional Membership (AIM, for deans) is the only global network for institutional leaders and the Global Deans Forum is a great opportunity to learn from each other, share the European perspective and gain experience that adds value to your institution. This year's forum focused on strategic planning, change and human resource management, including conflict resolution. James Honan of Harvard University is an expert in the field who shared most of his experience with all colleagues around the world. Our university was represented by the ECTS director, Prof. Monteiro Rodrigues, who welcomed with great pleasure this opportunity to share ideas and acquire knowledge to transform concepts into a strategic business plan, with vision, mission and clear objectives.



Researcher from CBIOS was part of the organizing committee of ICS 2018



The professor / researcher Tânia Santos de Almeida was part of the organizing committee of the 19th International Carbohydrate Symposium that took place in Lisbon from 24 to 19 July. The scientific sessions of this prestigious meeting included several topics in the area of chemistry, namely in the area of carbohydrates and several emerging subareas, taught by the most prestigious experts in the world. This event was attended by about 1000 participants.

PhD student in China

Joana Andrade represented CBIOS at the "66th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA) jointly with the 11th Shanghai TCM conference" in Shanghai in China Popular Republic from August 26 to 29. The student won a travel grant from the congress to give an oral presentation at the "Young Researcher Workshop" and also presented a poster with work related to her doctoral theme



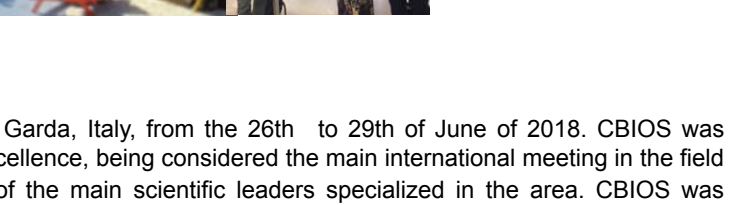
19th Meeting of the Society for Free Radical Research International

The 19th biennial meeting for the Society for Free Radical Research International (SFRRI) was held at the Lisbon Conference Centre on the 4th-7th June. This meeting was a forum for the latest advances in Redox Biology and Oxidative Stress and its Clinical and Pharmaceutical applications. The CBIOS researcher Ana Fernandes integrated the Organizing Committee of the meeting. The research of CBIOS in these areas was presented in an oral communication (by Nuno Saraiva) and several posters.



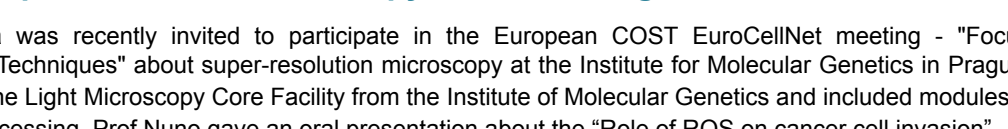
CBIOS Researcher presents work in Italy

The nineteenth Tetrahedron symposium was held in Riva del Garda, Italy, from the 26th to 29th of June of 2018. CBIOS was present for the first time in this event of recognized scientific excellence, being considered the main international meeting in the field of bioorganic and medicinal chemistry and a meeting place of the main scientific leaders specialized in the area. CBIOS was represented at this symposium by Professor Paula Pereira.



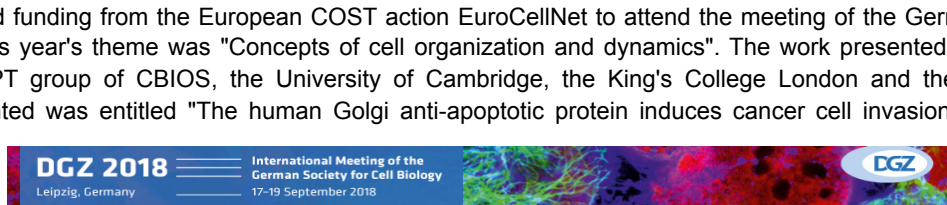
EuroCellNet super-resolution microscopy course in Prague

Prof Nuno Saraiva was recently invited to participate in the European COST EuroCellNet meeting - "Focus on Advanced Microscopy-Based Techniques" about super-resolution microscopy at the Institute for Molecular Genetics in Prague. The workshop was organized by the Lighting Microscopy Core from the Institute of Molecular Genetics and included modules about STED, 3D SIM and Image Processing. Prof Nuno gave an oral presentation about the "Role of ROS on cancer cell invasion".



German Society for Cell Biology Meeting

Prof Nuno Saraiva received funding from the European COST action EuroCellNet to attend the meeting of the German Society of Cell Biology in Leipzig. This year's theme was "Concepts of cell organization and dynamics". The work presented results from a partnership between the PT group of CBIOS, the University of Cambridge, the King's College London and the University of Coimbra. The work presented was entitled "The human Golgi anti-apoptotic protein induces cancer cell invasion by an H2O2-dependent mechanism".

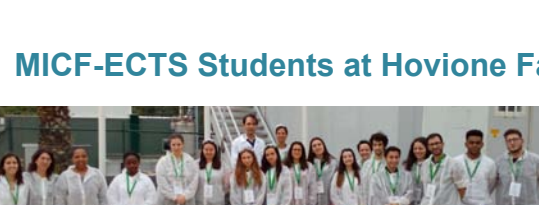


III ASPIC International Congress

The CBIOS researchers from the Pharmacology and Therapeutics group, Ana Sofia Fernandes, Nuno Saraiva and João Costa participated in the III International Congress of the Portuguese Association for Research on Cancer (ASPIC), at the Calouste Gulbenkian Foundation in Lisbon, May 10-11. The researchers presented two works about the impact of redox modulation strategies on tumor growth.



MICF-ECTS Students at Hovione FARMAciência



On May 30, the MICF students made a study visit to the building installations of Hovione in Loures, within the scope of curricular contents of the curricular unit of Organic Medicinal Chemistry. Students had the opportunity to visit the factory and the laboratories that develop the products that require the highest standards of process chemistry and manufacturing knowledge.