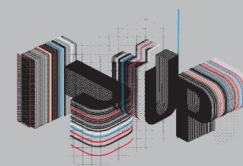


# PARALLEL ORAL SESSIONS I



February 13<sup>th</sup>, WEDNESDAY

09:00 - 10:30

## A1 - Sport Sciences I

- 15049 **CrossFit elicits alterations in plasma redox markers**  
*Rios, M.; Macan, T.; Stevanovic, J.; Hhusawi, K.; Garganta, R.; Beleza, J.; Ascensão, A.; Magalhães, J.*
- 15056 **Effects of a multicomponent exercise training program on balance of severe obese patients following bariatric surgery - BaSEIB Clinical Trail**  
*Granja, Tiago; Diniz-Sousa, Florêncio; Boppre, Giorjines; Santos-Sousa, Hugo; Devezas, Vitor; Preto, John; Machado, Leandro; Vilas-Boas, João Paulo; Oliveira, José; Fonseca, Hélder*
- 15023 **"Is running aerobic performance influenced by a jaw advancement device?"**  
*Cardoso, Filipa.; Maligno, Francisco.; Vilas-Boas, João Paulo.; Fernandes, Ricardo J.; Pinho, João Carlos.*
- 15099 **Adding protein to a carbohydrate beverage ingested before exercise does not alter oxygen consumption and blood metabolic parameters - A randomized double-blind study in middle-distance runners**  
*Lopes, AM; Rios, M; Beleza, J; Carvalho, DD; Monteiro, AS; Montanha, T; Martins, S; Magalhães, JT; Fernandes, RJ; Magalhães, J; Teixeira, VH; Ascensão, A*
- 15392 **Physical exercise performs immunomodulator role in *Toxocara canis* infection in mice**  
*Oliveira, Hérica F.; Bueno, Lílian L.; Fujiwara, Ricardo T.; Resende, Nathália M.*
- 15271 **Differences of squat and countermovement jumps performance between young water polo and handball players (INEX Project)**  
*Monteiro, Ana S.; Carvalho, Diogo D.; Canossa, Sofia ; Vilas-Boas, João P.; Silva, José A.; Fernandes, Ricardo J.; Sousa, Filipa*

## A2 - Architecture I

- 15124 **Collecting atmospheres, the Italian Palace - Bardini Museum**  
*Joana Rocha; Helder Casal Ribeiro*
- 15186 **Within a hierarchy of atmospheres: Lorenteggio's New Library**  
*Morais, Helena; Ribeiro, Helder Casal*
- 15421 **Memory and Place: the building of a poetic narrative**  
*Mau, Daniela; Ribeiro, Helder Casal*
- 15071 **The Woodland Crematorium: a peak into Gunnar Asplund's design process**  
*Ribeiro, Mafalda; Ribeiro, Helder Casal*
- 15121 **Manuel Botelho. Houses.**  
*Reis, Jorge*
- 15386 **Rounded Corners Buildings: a journey through Porto multi-family housing in the first half of the 20th century**  
*Oliveira, Inês*
- 15349 **The morphological situation of the end-of-row in collective housing buildings - analysis and proposal of a manual**  
*Eusébio, Maria de C. G.*

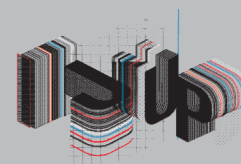
### A3 - Health Sciences I

- 15036 **Influence of KRAS activation in the colorectal cancer immunosurveillance escape**  
*Ana Luísa Machado; Susana Mendonça; Flávia Martins; Patrícia Carvalho; Maria José Oliveira; Sérgia Velho*
- 15083 **GAPDH maternal vaccination affects brain's myeloid cells of their offspring**  
*Geraldo, Rafaela; Mestre, Ana; Mesquita, Pedro; Costa, Madalena; Pereira, Sofia; Pinto, Ana; Trieu-Cuot, Patrick ; Ferreira, Paula; Andrade, Elva B.*
- 15102 **GAPDH maternal vaccination causes mortality in a mouse model that reflects the human Group B Streptococcus disease**  
*Mestre, Ana; Geraldo, Rafaela; Mesquita, Pedro; Barradas, Patrícia; Ribeiro, Adília; Faustino, Augusto; Trieu-Cuot, Patrick; Andrade, Elva B.; Ferreira, Paula*
- 15116 **Maternal GBS vaccination interfere with the offspring intestinal immune system development**  
*Mesquita, Pedro; Lorga, Inês; Mestre, Ana; Geraldo, Rafaela; Ribeiro, Adília; Trieu-Cuot, Patrick; Ferreira, Paula; Andrade, Elva B.*
- 15377 **Inflammatory bowel disease alters angiotensin II-activated pathways in the rat colon**  
*Ferreira-Duarte, M.; Leite-Silva, M.; Dias-Pereira, P.; Magro, F.; Duarte-Araújo, M.; Morato, M.*
- 15401 **UNRAVELLING THE MECHANISMS BEHIND MICROGLIA CONTROL OF PURINERGIC-MEDIATED ASTROGLIAL PROLIFERATION**  
*Silva, Rui; Quintas, Clara; Gonçalves, Jorge; Queiroz, Glória*
- 15493 **Socioeconomic determinants on body image perception in an adults' sample of Porto city**  
*Rei, Mariana; Teixeira, Beatriz; Pereira, Bárbara; Rocha, Ada*

### A4 - Chemistry I

- 14965 **Development of a visual method for hydrogen peroxide determination**  
*Rafael C. Castro; David S. M. Ribeiro; José X. Soares; João L. M. Santos*
- 15129 **Development of a sequential injection analysis system to determine the concentrations of lactate in human samples**  
*Mota, Fátima A. R.; Pereira, Sarah A. P.; Çay, Ipek; Passos, Marieta L. C.; Araujo, André RTS; Saraiva, M. Lúcia M. F. S.*
- 15258 **Enzyme activity assays by sequential injection analysis**  
*Prots, Svitlana; Passos, Marieta L. C.; Saraiva, M. Lúcia M. F. S.*
- 15313 **Determination of antibiotics in water using digital image colorimetry**  
*Silva, Ana Rosa M. ; Konarzewska, Antonina ; Carvalho, Pedro Henrique; Peixoto, Patrícia S.; Bessa, Sílvia ; Machado, Ana ; Sá, Adriano Bordalo ; Oliveira, Hélder P. ; Segundo, Marcela A.*
- 15364 **Ketamine and norketamine: enantioseparation, enantioselective ecotoxicity and biodegradation studies**  
*Pereira, Ariana I.P.; Ribeiro, Cláudia; Gonçalves, Virgínia; Tiritan, Maria E.*
- 15365 **Development of an analytical methodology based on QuEChERS technique to determine emerging mycotoxins in plants and infusions**  
*Sousa. João; Caldeirão, Lucas; Nunes, Laura; Mai, Mónica G.; Monteiro, Carolina; Fernandes, José O.; Cunha, Sara*
- 15136 **Drug-protein binding of chiral derivatives of xanthenes to immobilized human serum albumin by bioaffinity chromatography**  
*Carmo, João P.; Phyo, Y. Z.; Palmeira, Andreia; Fernandes, Carla; Tiritan, Maria E.; Afonso, Carlos; Kijjoa, Anake; Pinto, M. M. M.*

# PARALLEL ORAL SESSIONS II



February 13<sup>th</sup>, WEDNESDAY

11:30 - 13:00

## A1 - Sport Sciences II

- 15032 **Dance and music Influence on physical activity of children in school period**  
*Cavaleiro, Maria; Àvila, Lurdes; Santos, Paula*
- 15059 **Motivational Regulations and Basic Psychological Needs Satisfaction in Crossfit**  
*Ferraz, Pedro ; Zimmermann, Helder; Corte-Real, Nuno*
- 15067 **Public sport policy: Focus on the social centers for family and elderly in the state of Amazonas (Brazil)**  
*Froes, George S.; Carvalho, Maria J.*
- 15182 **Competition Sport Nutrition: How to Change Behaviors? A Study Conducted in a Female Volleyball Team**  
*Luís, Catarina ; Corte-Real, Nuno; Silva Dias, Teresa*
- 15426 **"The effect of field position on the soccer athlete's two choice reaction time and attention"**  
*Fonseca, André; Almeida, João; Januário, Bruno; Vasconcelos, Olga; Rodrigues, Paula*
- 15467 **Variation of simple and two choice reaction time and concentration in different trimestres of birth in soccer athletes**  
*Lopes, Pedro A.; Oliveira, João F.; Oliveira, José D.; Villaescusa, María B.; Vasconcelos, Olga; Rodrigues, Paula*

## A2 - Architecture II

- 15050 **You are my house: Miragaia and the riverside surroundings. Contributions to the study of built heritage.**  
*Lino, Ana I,*
- 15137 **Tool, process, strategy: Caldas do Moledo as a methodological laboratory of the metamorphosis of Time and Place in the architectural landscapes of Douro**  
*Dias, A. Filipa; Calix, Teresa; Garrido, Carla O.*
- 15400 **A Political and economical instrument: the post industrial city of Poblenou, Barcelona**  
*Correia, Sara ; Ribeiro, Helder Casal*
- 15500 **Installations of the Higher Polytechnic Institut of Viseu: the architecture projects by CEFA/UP (1989-2010).**  
*Picolo, C. B.*
- 15112 **The Footprint of Friday - notes towards a shared architecture**  
*Tiago Lopes Farinha*
- 15077 **Living in Shenzhen: a path through A+E Design office**  
*Gomes, Ana F.; Ribeiro, Helder C.*
- 15255 **Digital Architecture Plataform: The rethinking of tradition and the promotion of architecture through the use of new technologies**  
*Pereira, Lucas R. B.; Furtado, Gonçalo*

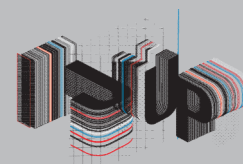
### A3 - Health Sciences II

15017	<b>Opioid receptor signalling pathways in a pain facilitatory area of brain upon cessation of chronic opioid treatment</b> <i>Sousa, Marília ; Costa, Ana Rita; Tavares, Isaura ; Martins, Isabel</i>
15118	<b><math>\beta</math>3 adrenoceptor-mediated inhibition of the rat urinary bladder function involves activation of the EPAC/PKC/ENT1 pathway downstream cyclic AMP production</b> <i>Silva, Diogo; Silva, Isabel; Magalhães-Cardoso, M. Teresa; Costa, Ana Filipa; Moreira, Sílvia; Correia-de-Sá, Paulo</i>
15225	<b>Blockade of UDP-sensitive P2Y6 receptor as a potential therapeutic target to prevent cardiac remodeling due to pulmonary hypertension</b> <i>Azevedo-Araújo, Lígia M.; Herman, Carina.; Dias, Eduardo.; Costa, Maria A.; Correia-de-Sá, Paulo.; Fontes-Sousa, Ana P.</i>
15257	<b>The impact of postural changes in patients with acute cerebral lesion</b> <i>Areias, D.; Pereira, J. Alberto; Rocha, AP; Dias, C.</i>
15103	<b>Ghrelin and Leptin stimuli alter the expression of Obesity-related genes in Human Sertoli Cells</b> <i>Pereira SC; Martins AD; Moreira BP; Bernardino RL; Barros A; Sousa M; Paiva S; Oliveira PF; Alves MG</i>
15353	<b>Hydration Status in Cerebral Palsy</b> <i>Sousa, Daniela M; Campos, Maria A ; Padrão, Patrícia ; Vieira, Isabel</i>
15279	<b>Unraveling the mechanisms of <math>\alpha</math>-amanitin toxicity in HepG2 cells</b> <i>Rodrigues, Daniela F.; Costa, Vera M.; Bastos, Maria L.; Félix, Carvalho</i>

### A4 - Chemistry II

15465	<b>Fashion Wearables: Effect of UV on e-Textiles</b> <i>Teixeira, Joana S.; Costa, Rui S.; Pereira, André M.; Pereira, Clara</i>
15284	<b>Glowing in the dark: a phosphorescent oil with long lasting phosphors</b> <i>Tomaz, Kevin; Crista, Diana; Montenegro, Ara; Esteves da Silva, Joaquim</i>
15198	<b>The application of click chemistry in the synthesis of new potential antifouling chalcones</b> <i>Ana Rita Franco; Daniela Pereira; Marta Correia da Silva; Madalena Pinto; Honorina Cidade</i>
15145	<b>Potential use of carbon dots as organocatalysts for CO2 conversion into heterocyclic carbonates</b> <i>Sendão, Ricardo M. S.; Esteves da Silva, Joaquim C. G.; Pinto da Silva, Luís</i>
15122	<b>Optimization of the microwave-assisted synthesis of CdTe quantum dots capped with TGA</b> <i>Pereira, Carolina A. C. ; Sousa, Helena B. A.; Gomes, Helena I. O.; Anjo, Pedro F.; Prior, João A. V.</i>
15157	<b>Evaluation of the interaction between CdTe quantum dots and malachite green: quantification of food colorants</b> <i>Sousa, Helena B. A.; Gomes, Helena I. O.; Pereira, Carolina A. C.; Anjo, Pedro F.; Prior, João A. V.</i>

# PARALLEL ORAL SESSIONS III



February 13<sup>th</sup>, WEDNESDAY

14:30 - 16:00

## A1 - Maths

- 15484 **Temporal modeling of the incidence rate of tuberculosis**  
*Silva, Ricardo; Gaio, Rita; Felgueiras, Óscar; Figueiredo, Ana; Duarte, Raquel*
- 15334 **Heart rate variability in postural changes**  
*Pereira, Margarida; Amado, Celestino; Dias, Celeste; Rocha, Ana Paula*
- 15242 **Reinsurance Treaties Analysis**  
*Silva, Cristiana; Brito, Margarida; Lopes, Alexandrina*
- 15359 **Advection of passive particles by viscous point vortices**  
*Marques, Gil*
- 15486 **Maximal Bifix Decoding of Recurrent Sets**  
*Pires, João*

## A2 - Language Sciences I

- 15058 **Stress and weight in Portuguese: married or divorced?**  
*Silva, Carlos S.*
- 15001 **On the semantics of modal adverbial adjectives**  
*Ferreira, Inês Cantante*
- 15151 **Semantic readings of the Simple Present in radio news (oral) and online newspapers (written)**  
*José Carlos Miranda Barbosa*
- 15104 **Dever: Modal or Evidential Marker?**  
*Rebouças, Rute.*
- 15090 **Form and function of reformulation markers in scientific popularization text**  
*Ferreira, Joana*

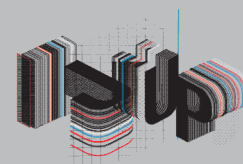
### A3 - Health Sciences III

15140	<b>UPC-53: A PROMISING MUTANT P53 REACTIVATOR WITH IN VIVO ANTITUMOR ACTIVITY</b> <i>Pinheiro, Rute; Ramos, Helena; Nazareth, Nair; Soares, Joana; Saraiva, Lucília</i>
15180	<b>Non-steroidal aromatase inhibitors for hormone-dependent breast cancer: a virtual screening approach</b> <i>Almeida, Cristina; Oliveira, Ana; Amaral, Cristina; Ramos, Maria J.; Correia-da-Silva, Georgina; Teixeira, Natércia; Fernandes, Pedro A.</i>
15206	<b>Impact of lactate exposure in renal cell carcinoma aggressiveness: role of sirtuin's modulation</b> <i>Lameirinhas, Ana; Miranda-Gonçalves, Vera; Macedo-Silva, Catarina; Lobo, João; Dias, Paula C.; Henrique, Rui; Jerónimo, Carmen</i>
15208	<b>Role of JmjC-KDMs in HIF-1alpha-dependent modulation: Effect on esophageal squamous cell carcinoma radioresistance</b> <i>Macedo-Silva, Catarina; Miranda-Gonçalves, Vera; Lameirinhas, Ana; Lobo, João; Guimarães, Rita; Lencart, Joana; Henrique, Rui; Bravo, Isabel; Jerónimo, Carmen</i>
15210	<b>Performance of circulating miR-182-5p and miR-375-3p in prostate cancer screening and prediction of metastatic disease</b> <i>Constâncio, Vera; Bidarra, David; Silva, Daniela B.; Carvalho, João R.; Barbosa, Catarina M.; Antunes, Luís; Maurício, Joaquina; Oliveira, Jorge; Henrique, Rui; Jerónimo, Carmen</i>
15332	<b>Unravel the role of hypoxia at the tumor microenvironment: a focus on macrophage-cancer cell interplay</b> <i>Oliveira, Rosa; Martins, Flávia; Castro, Flávia T.; Cardoso, Patrícia A.; Oliveira, Maria J.; Costa, Ângela M</i>
15455	<b>Relationship between diet and fecal biochemical characteristics of colorectal cancer in prediabetic and obese individuals</b> <i>Tomaz, Mariana Rodrigues; Oliveira, Bruno Mendes; Silvestre, Marta</i>

### A4 - Psychology I

15144	<b>Values of pornography: What is the relation between Basic Human Values and attitudes towards pornography?</b> <i>Castro, Rita; Lins, Samuel</i>
14987	<b>Psychological impact of physical exercise in postmenopausal women</b> <i>Paiva, S.; Torres, S.; Póvoas, S.</i>
15139	<b>The impulse of belonging: the influence of social identity on impulse buying of Portuguese youth</b> <i>Gonçalves, Rita; Lins, Samuel</i>
15276	<b>Effect of gender and sexual orientation in parental self-efficacy</b> <i>Gil, Raphael; Silva, João; Ribeiro, Sophia; Rodrigues, Margarida; Leal, Daniela ; Gato, Jorge</i>
15280	<b>Self-esteem Among Lesbian, Gay, Bisexual, Trans and Intersex Students in Portuguese Schools</b> <i>Alves, Lia ; Blanquet, Joana; Fagundes, Susana ; Machado, Leonardo ; Ribeiro, Sara; Sousa, Inês; Gato, Jorge ; Leal, Daniela</i>

# PARALLEL ORAL SESSIONS IV



February 13<sup>th</sup>, WEDNESDAY

17:00 - 18:30

## A1 - Physics & Astronomy

15043 **Local Probing (Ca)<sub>n+1</sub>(Mn)<sub>n</sub>(O)<sub>3n+1</sub> Naturally Layered Perovskite**

*Leal, Tiago; Rocha-Rodrigues, Pedro; Oliveira, Gonçalo N. P.; Moreira, Ricardo; João G. Correia; Araújo, João P.; Lopes, Armandina M. L.*

15283 **Multiferroic SrMnGe<sub>2</sub>O<sub>6</sub> and CaMnGe<sub>2</sub>O<sub>6</sub> - A Local Probe Study**

*Moreira, Ricardo; Leal, Tiago; Rocha-Rodrigues, Pedro; N. P. Oliveira, Gonçalo; Ding, Lei; Colin, Claire V.; Darie, Céline; Legendre, Murielle; Goujon, Celine; Correia, J. G.; Araújo, João P.; Lopes, Armandina M. L.*

15130 **Strong Magnetoelectric Effect and Spin-Phonon Coupling in Fe-substituted TbMnO<sub>3</sub>**

*Maia, André; Vilarinho, Rui; Moreira, J. Agostinho; Almeida, Abílio*

15100 **Lattice dynamics of piezoelectric (K<sub>0.5</sub>Na<sub>0.5</sub>)NbO<sub>3</sub> (KNN) prepared by different sintering methods**

*Gomes, Mariana M. N. R.; Moreira, Joaquim A.; Almeida, Abílio J. M.; Silva, Rui V.*

15302 **Forecasts of redshift drift constrains on the scale factor**

*C. S. Alves; A. C. O. Leite; C. J. A. P. Martins; J. G. B. Matos; T. A. Silva*

14996 **Low redshift constraints on energy-momentum-powered gravity models**

*Faria, Maria C. F.; Martins, Carlos J. A. P.; Chiti, F.; Silva, Beatriz S. A.*

## A2 - Language Sciences II

15369 **I think it's attenuation, isn't it? - Comparative study on the presence of attenuation mechanisms in the discourse produced by men and in the discourse produced by women**

*Magalhães, Violeta*

15154 **Language used in police interviews in cases of domestic violence**

*Ferreira, Sofia*

15479 **The host society as schoolbook complement: Portuguese as a Second Language study case**

*Gesta, R.*

15468 **Development of communicative competences in Portuguese for everyday life situations: a case study at the University of Valencia**

*Ferreira, Daniel*

15416 **English Language Coursebooks: Xplore 12 Vs. Link Up To You!**

*Abelha, Catarina*

### A3 - Health Sciences IV

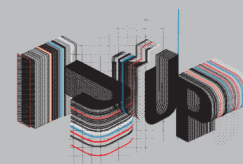
- 14978 **Antimycobacterial effect of selected chloroquine-based ionic liquids**  
*Bento, Clara M.; Silva, Tânia; Moreira, Ana C.; Teixeira, Cátia ; Ferraz, Ricardo; Prudêncio, Cristina; Gomes, Paula; Gomes, Maria Salomé*
- 15006 **High-throughput cell-in-gel microarray platform for the analysis of cell behaviour in 3D matrices**  
*Alves, Pedro; Araújo, Marco; Bidarra, Sílvia J.; Barrias, Cristina C.*
- 15095 **Development of novel photosensitizers for Photodynamic Therapy of Cancer**  
*Magalhães, Carla M.; Ferreira, Paulo J. O.; Montenegro, Ara; Silva, Luís P.; Silva, Joaquim E.*
- 15164 **Oral sustained release tablets: influence of controlling agent on drug dissolution**  
*Bulenok, Andriy; Peixoto, Bárbara; Ferreira, Bruno; Coelho, Catarina; Neto, Cláudia; Monteiro, Diogo; Sousa, Joana; Antunes, Keila; Fortuna, Luiza; Loureiro, Mafalda; Gabrieli, Yohanna; Silva, Marta; Cunha, Michele; Alves, Rita; Cruz, Sílvia; Gomes, Vanessa; Conceição, Jaime; Sousa Lobo, José Manuel*
- 15201 **DNA methylation as a tool for lung cancer subtyping in liquid biopsies**  
*Nunes, Sandra P.; Diniz, Francisca; Moreira-Barbosa, Catarina; Constâncio, Vera; Oliveira, Júlio; Soares, Marta; Antunes, Luís; Henrique, Rui ; Jerónimo, Carmen*
- 15220 **Pericardial fluid: from biochemical screening to therapeutic potential in ischemic heart disease**  
*Pereira-Sousa, Daniel; Cerqueira, Rui J.; Castanheira, Ana; Saraiva, Francisca; Sampaio-Pinto, Vasco; Pinto-do-Ó, Perpétua; Nascimento, Diana*
- 15228 **In vitro evaluation of nanostructured functionalized platforms for the sustained delivery of cisplatin**  
*Gaspar, D.; Pereira, P.; Silva, C.; Martel, F.; Leite Ferreira, B. J. M.; Santos, T. M.; Daniel-da-Silva, A. L.*

### A4 - Psychology II

- 15230 **Impact of Depression and Anxiety on Sexual Functioning in Couples Trying to Conceive With and Without an Infertility Diagnosis**  
*Fernandes, Joana; Pedro, Juliana; Martins, Mariana V.; Costa, Maria E.*
- 15351 **Role of psychopathic traits on Economic Decision Making**  
*Coelho, Rui C.; Paiva, Tiago O.; Pasion, Rita; Barbosa, Fernando*
- 15363 **Institutionalization as an eventual life event: anticipation and communication between late adults and their direct relatives**  
*Rodrigues, Elisabete; Nascimento, Inês*
- 15414 **The Role of Social Environment in Pathways to Recovery: a Scoping Review**  
*Ramos, João P.; Vieira, Mariana; Simon, Antoine; Crocarno, Cristina; Bartoli, Francesco ; Viganò, Giovanni ; Carrà, Giuseppe ; Greacen, Tim; Pinto, Marta; Barbosa, Jorge*
- 14999 **Presentism and stress among nurses of North Portugal**  
*Lima, Juliana; Queirós, Cristina; Borges, Elisabete; Abreu, Margarida*



# PARALLEL ORAL SESSIONS V



February 14<sup>th</sup>, THURSDAY

09:00 - 10:30

## A1 - Biological Sciences I

- |       |   |
|-------|---|
| 15346 | <b>Defining novel stages in medullary thymic epithelial cell differentiation: Implications for tolerance induction</b><br><i>Ferreirinha, Pedro; Ribeiro, Camila; Meireles, Catarina; Araújo, Leonor; Alves, Nuno</i>                 |
| 15224 | <b>Inside Iconografia Selecta da Flora Portuguesa - The role of plant illustration in contemporary botanical studies and flora conservation</b><br><i>Malainho, Eva; Vieira, Cristiana; Correia, Fernando J. S.</i>                   |
| 15406 | <b>Genetic diversity of small mammals of Costa Rica</b><br><i>Sampaio, Sara; Cáceres, Sara; Gómez-Lépiz, Alexander; Paupério, Joana; Alves, Paulo C.</i>  |
| 15278 | <b>Genetic affinity applied to the determination of the geographic origin of wolf individuals</b><br><i>Andrade, Margarida; Godinho, Raquel; López-Bao, José V.</i>   |
| 15239 | <b>The reproduction of Sepia bandensis: mating and spawning site selection by the dwarf cuttlefish</b><br><i>Real, Madalena V.; Bennett, Wayne A.; Dabruzzi, Theresa F.</i>   |
| 15235 | <b>Influence of urbanization in shaping the spatial patterns of the epifaunal assemblages associated with Chthamalus barnacles</b><br><i>Costa-Garcia, Ricardo; Torres, Ana C.; Veiga, Puri; Rubal, Marcos</i>                        |
| 15126 | <b>Establishment of a human model of intervertebral disc degeneration and associated immune response</b><br><i>Côrte-Real, João V.; Silva, Ana J.; Ferreira, Joana; Pereira, Catarina L.; Santos, Susana G.; Gonçalves, Raquel M.</i> |

## A2 - Engineering I

- |       |  |
|-------|--|
| 15020 | <b>Structural analysis of dental implants using advanced discretization techniques</b><br><i>Costa, D.C.; Belinha, J.; Natal Jorge, R.M.</i>   |
| 15039 | <b>The structural analysis of a molar tooth using meshless methods</b><br><i>E.G. Deliu; J. Belinha; R.M. Natal Jorge</i>  |
| 15025 | <b>The biomechanical simulation of the mandible bone using meshless methods</b><br><i>Moutinho, M.B.F. ; Belinha, J. ; Natal Jorge, R.M.</i>   |
| 15035 | <b>The structural analysis of a femur bone using a 2D FEM approach</b><br><i>Sousa, Raquel; Belinha, Jorge; Natal, Renato; Oliveira, Afonso; Oliveira, Vânia</i>                             |
| 15015 | <b>Analysing the peripheral nerve tissue using advanced discretization techniques</b><br><i>Albuquerque, T. M.; Belinha, J.; Natal Jorge, R. M.</i>  |
| 15034 | <b>Numerical Analysis of Aneurysms with Finite Element and Meshless Methods</b><br><i>Silva, Joana L. ; Belinha, Jorge; Neves, J. M. P. R. ; Vilaça, I. R. S. B. S. ; Natal Jorge, R. M.</i> |

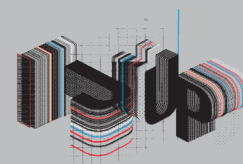
### A3 - Health Sciences V

14989	<b>Exposure to abuse and food insecurity among Portuguese older people</b> <i>Sampaio, J.; Dias, I.; Lopes, A.; Fraga, S.</i>
15298	<b>Low caloric intake, from adolescence into adulthood: effect on insulin sensitivity and cardiometabolic risk factors</b> <i>Costa, Joana P.; Ramos, E.</i>
15314	<b>Data governance in gamete donation: policy on information sharing among gamete donors and recipients</b> <i>Maia, Tiago; Silva, Susana; De Freitas, Cláudia</i>
15462	<b>Food choice determinants and body mass index among University students</b> <i>Lourenço, Rita; Cunha, Pedro; Oliveira, Bruno MPM; Poínhos, Rui; Estudantes de NSP da FCNAUP 2017/2018; de Almeida, Maria DV</i>
15485	<b>BMI, waist circumference and waist-to-height ratio in Portuguese children</b> <i>Elisabete Sousa; Bruno M. P. M. Oliveira; Sara Rodrigues</i>
15491	<b>Evaluation of food waste in families living in Porto.</b> <i>Táise Portugal; Ada Rocha; Susana Freitas</i>

### A4 - Environment I

15471	<b>Trade of ornamental fish as a pathway of alien species in Matosinhos, Porto</b> <i>Faria, Pedro V.; Machado, Ana; Lopes, Sofia S.; Pereira, Ruth</i>
15348	<b>Glyphosate risk assessment</b> <i>Malheiros Vaz Gaziba, Paula A.; Babo Dias, Tiago F.; Esteves da Silva, Joaquim C. G.</i>
15135	<b>Modelling the Absorption Spectra of Polycyclic Aromatic Hydrocarbons over Seoul, South Korea</b> <i>Babo Dias, Tiago; Esteves da Silva, Joaquim C. G.; Pinto da Silva, Luís</i>
15285	<b>Enantiomeric profiling of chiral psychoactive drugs and <math>\beta</math>-blockers in wastewater</b> <i>Gonçalves, Ricardo; Ribeiro, Cláudia; Cravo, Sara; Cunha, Sara C.; Fernandes, José O.; Afonso, Carlos; Tiritan, Maria Elizabeth</i>
15215	<b>Enantioselective method for quantification of chiral drugs in environmental matrices in Douro river estuary by LC-MS/MS</b> <i>Coelho, Maria M.; Sousa, João C. G.; Ribeiro, Ana R. L.; Silva, Adrián M. T.; Fernandes, C.; Tiritan, Maria E.</i>
15007	<b>Potential of estuarine salt marsh plants for phytoremediation of bezafibrate and paroxetine</b> <i>Dias, Sofia; Silva, Cristiana; Fraga-Santiago, P.; Gomes, Carlos R.; Almeida, C. Marisa R.</i>

# PARALLEL ORAL SESSIONS VI



February 14<sup>th</sup>, THURSDAY

11:30 - 13:00

## A1 - Biological Sciences II

- 15040 **The effect of the endocannabinoid anandamide on granulosa cells**  
*Ribeiro, Ana Rita; Costa, Lia; Fonseca, Bruno Miguel; Rebelo, Irene*
- 15109 **Functional relevance of MCL1 alternative 3'UTR mRNA isoforms in human cells**  
*Garcia, Beatriz C; Moreira, Alexandra; Pereira-Castro, Isabel*
- 15110 **PINCH1- and PINCH2-Mediated Signaling in CNS Myelination**  
*Vale-Silva, R.; Paes de Faria, J.; Relvas, J.*
- 15269 **Small RhoGTPase Rac1 is essential for microglia homeostasis and neuronal function in the adult brain**  
*Almeida, Tiago; Portugal, Camila C.; Canedo, Teresa; Henriques, Joana F.; Magalhães, João; Magalhães, Ana; Summavielle, Teresa; Relvas, João B.; Socodato, Renato*
- 15226 **Unravelling the functional consequences of TEC-specific deletion of p53 in T cell homeostasis**  
*Sousa, Laura; Rodrigues, Pedro M.; Alves, Nuno L.*
- 15343 **Intronic cis-regulatory elements regulate CDH1 gene expression and function**  
*Matos, Rita ; Mesquita, Bárbara; Oliveira, Patrícia; Valente, Sofia; Pinheiro, Hugo; Carvalho, Joana; Huntsman, David; Ferro, Anabela; Oliveira, Carla*

## A2 - Engineering II

- 15030 **The numerical analysis of hemodynamics in the vicinity of blood clots**  
*Barbosa, M.I.A.; Belinha, J.; Natal Jorge, R.M.*
- 15026 **Simulating Human Chromosomes Using Meshless Methods**  
*Veiga, A.C.S.; Belinha, J.; Natal Jorge, R.M.*
- 15046 **AUTOMATIC RECONSTRUCTION OF THE CAROTID ARTERY BIFURCATION AXIS IN ULTRASOUND IMAGES**  
*Fitas, Ricardo C.*
- 15446 **Few-cycle laser for real-time nanomedicine research: towards innovative anti-cancer therapy**  
*Ferreira, Rodrigo; Crespo, Helder; Nieder, Jana B.*
- 15263 **On the optimal pressure tap design for microfluidic channels**  
*Rodrigues, Tomás; Galindo-Rosales, Francisco J.; Campo-Deaño, Laura*
- 15075 **Additive Manufacturing: a biomedical overview**  
*Athayde Malafaya, Bárbara; Marques, Marco C.; Ferreira, Isaac A.; Machado, Margarida M.F.; Caldas, Gabriela A.R.; Belinha, Jorge; Alves, Fernando J.L.; Natal Jorge, Renato M.*

### A3 - Health Sciences VI

15241	<b>Extracellular Vesicles secreted by Dendritic Cells can recruit Mesenchymal Stem/Stromal Cells: the impact of bone injury</b> <i>Oliveira, Joana; Silva, Andreia M.; Teixeira, José H.; Ferreira, Ana R.; Almeida, Maria I.; Vasconcelos, Daniel M.; Cunha, Carla; Vasconcelos, Daniela; Neves, Nuno; Barbosa, Mário A.; Santos, Susana G.</i>
15361	<b>Blockade of ADP-sensitive P2Y12 and P2Y13 receptors rescues the P2Y1-operated osteogenic commitment of bone marrow mesenchymal stem cells from postmenopausal women</b> <i>Andrês, Catarina; Cardoso, Rui; Costa, Maria A.; Marinhos, José; Freitas, Rolando; Noronha-Matos, José B.; Correia-de-Sá, Paulo</i>
15443	<b>miR-99a negatively regulates osteogenic differentiation</b> <i>Moura, Sara R.; Silva, Andreia M.; Barbosa, Mário A.; Santos, Susana G.; Almeida, Maria I.</i>
15231	<b>Can the combined treatment of dapagliflozin and exenatide protect the nutritional support of spermatogenesis?</b> <i>Ribeiro JC; Martins AD; Paiva S; Alves MG; Oliveira PF</i>
15234	<b>Evaluation of the toxicity induced by mitoxantrone in different aged mice</b> <i>Guedes, Rita; Reis-Mendes, Ana; Carvalho, Ana; Cravo, Sara; Duarte-Araújo, Margarida; Monteiro, Salomé; de Lourdes Bastos, Maria; Carvalho, Félix; Sousa, Emília; Costa, Vera M.</i>
15403	<b>Oropharyngeal dysphagia and motor dysfunction in cerebral palsy</b> <i>Teixeira, B; Campos, MA; Poínhos, R</i>

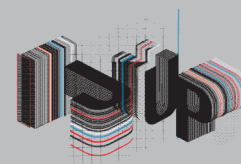
### A4 - Environment II

15387	<b>ReDEFine - Evaluation of Agueira's Albufeira Water Quality: in addition to the Water Framework Directive</b> <i>Pinto, I.; Lage, OM; Antunes, SC</i>
15453	<b>TOXICITY OF MIXTURES OF CYANOBACTERIA EXTRACTS AND MICROPLASTICS TO DAPHNIA MAGNA</b> <i>Cruz, Pedro; Martins, Alexandra; Azevedo, Joana; Pacheco, Alexandre; Morais, João; Vasconcelos, Vítor; Guilhermino, Lúcia</i>
15106	<b>Functional and comparative analysis of the oxidative status of two macroalgae species along seasons and tidal cycle</b> <i>Martins, Maria; Soares, Cristiano; Figueiredo, Inês R.; Torres, A. C.; Veiga, Puri; Rubal, Marcos; Fidalgo, Fernanda</i>
15098	<b>Influence of environmental challenges on the oxidative status of <i>Pelvetia canaliculata</i></b> <i>Figueiredo, Inês R.; Martins, Maria; Soares, Cristiano; Torres, Ana Catarina; Veiga, Puri; Fidalgo, Fernanda; Rubal, Marcos</i>
15158	<b>Functional and biochemical responses of <i>Mytilus galloprovincialis</i> exposed to suspended sediments under deep-sea conditions</b> <i>Pinheiro, Bárbara Marlene; Castro, L. Filipe C.; Santos, Miguel M.</i>
15196	<b>Effects of BPA and simvastatin on epigenetic machinery in <i>Gammarus locusta</i></b> <i>Alves, Nélson; Neuparth, Teresa; Santos, Miguel M.</i>

# PARALLEL ORAL SESSIONS VII

February 14<sup>th</sup>, THURSDAY

14:30 - 16:00



## A1 - Chemistry III

- 15084 **Binding lipophilicity with passive permeation of drugs: analysis of different BCS classes**  
*Maia, A.; Loureiro, Daniela R. P.; Soares, José X.; Lopes, Daniela; Azevedo, Carlos M.; Pinto, Madalena M. M.; Reis, Salette; Afonso, Carlos M. M.*
- 15308 **A possible application of CO-releasing molecules in the treatment of rheumatoid arthritis**  
*Marinho, Andreia ; Lima, Sofia C.; Santos-Silva, Teresa; Nunes, Cláudia*
- 15320 **Synthesis of amino-functionalized porphyrin macrocycles**  
*Monteiro, Rodrigo P.; Almeida, José; Leite, Andreia; de Castro, Baltazar; Rangel, Maria; Silva, Ana M. G.*
- 15389 **Opuntia ficus-indica (L.) Miller cladodes: valorisation for food consumption**  
*Liliana Espírito Santo ; Maria Antónia Nunes; Alan Gomes; Anabela Costa; Beatriz Oliveira*
- 15281 **Opunfia ficus-indica (L.) Miller fruit from Portugal: alternative crops and food security**  
*A. Gomes; L. Espírito Santo; A.S.G. Costa; M. A. Nunes; Ana F. Vinha; M.B.P.P. Oliveira*
- 15105 **Gunnera tinctoria : Preliminary Assessment of an Invasive Plant**  
*Valadão, Ana I.G.; Costa, Anabela S.G.; Alves, Rita C.; Oliveira, M. Beatriz, P.P.*

## A2 - History & Cultural Studies

- 15063 **Portugal in the Castilian and Aragonese chronistic: from Pero López de Ayala to Jerónimo Zurita**  
*Araújo, Jorge António*
- 15073 **The Royalty and the Male Monastic Orders. Reign of King João I.**  
*Ribeiro, Marco Alexandre*
- 15229 **To do Public Archeology in Brazil: History, Aplicability and Heritage Education**  
*Costa, Maria Clara R.*
- 15399 **Roman Spectacle Buildings in Western Peninsular: Theaters, amphitheater and circuses.**  
*SOARES, Beatriz S.*
- 15221 **Corporate Museums in Portugal. Esteem the past as a future defense**  
*Graca, G*
- 15132 **Families in Museums: Proposal for the Casa-Museu Marta Ortigão Sampaio**  
*Diogo, Andreia S.*
- 15303 **Geographic Information Systems applied to precision agriculture in the vineyards**  
*Daniela Silva Ribeiro; António Alberto Teixeira Gomes; Filipe Neves dos Santos*

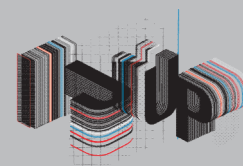
## A3 - Health Sciences VII

15237	<b>Integral pasta with Spirulina and Himanthalia elongata algae: Nutritional and antioxidant contribution</b> <i>Bárbara C.C. Oliveira; Sílvia M.F. Bessada; Susana Machado; Rita C. Alves; M. Beatriz P.P. Oliveira</i>
15238	<b>Rheological study of a Metronidazole Vivapur MCG 811P oral gel developed for veterinary use</b> <i>Pedro Gameiro; João Campos; Paulo Costa</i>
15251	<b>Exploring human placenta-derived hydrogels as a microenvironment for 3D cell culture</b> <i>Castro, Ana L.; Sousa, Aureliana F.; Neves, Sara; Barrias, Cristina</i>
15330	<b>Antinutrient content and food security: the case of Vicia narbonensis L.</b> <i>Cunha, Michele F.; Amorim, Marta; Machado, Susana ; Bessada, Silvia M.F; Nunes, Eugénia; Oliveira, M. Beatriz P.P.</i>
15371	<b>The impact of iron overload on MRP2-dependent biliary excretion</b> <i>Vasco, C.D.; Porto, G; Duarte, T.L.</i>
15434	<b>Antioxidant supplementation. A future way for delaying ovarian ageing?</b> <i>Timóteo-Ferreira, F.; Rocha, N.A.; Mendes, S.; Rodrigues, A.R.; Matos, L.; Almeida, H.; Silva, E.</i>
15435	<b>Exploring the role of uterine oxidative protein modifications in defective placentation</b> <i>Mendes, S.; Timóteo-Ferreira, F.; Rodrigues, A.R.; Matos, L.; Saraiva, J.; Almeida, H.; Guedes-Martins, L.; Silva, E.</i>

## A4 - Law

15370	<b>The path to Tax Harmony: the role of the Court of Justice of the European Union</b> <i>Ferreirinha, Pedro</i>
15358	<b>Social Integration Income: are some of its requirements unconstitutional considering the constitutional principles of equality and parity of treatment between foreigners and national citizens?</b> <i>Carvalho, Maria C.</i>
15149	<b>The foreigners' right to Social Integration Income</b> <i>Alexandra Domingues; Cláudia Carvalho</i>
15128	<b>The dignity of the human person in pandering: Legal Paternalism or Unconstitutionality?</b> <i>Pinto, José Pedro</i>
15417	<b>The principle of immutability applied in Portugal's matrimonial property law - Does it still make sense?</b> <i>Moreira, Maria Luísa</i>

# PARALLEL ORAL SESSIONS VIII



February 14<sup>th</sup>, THURSDAY

17:00 - 18:30

## A1 - Chemistry IV

- 15356 **Volatility Study of 1-Alkylpyridinium Bistriflimide Ionic Liquids**  
*Miranda, Carlos; Ferreira, Ana; Santos, Luís*
- 15247 **Baker's yeast as a model for toxicity assessment of ionic liquids**  
*Neves, Ana F.D.C; Azevedo, Ana M.O. ; Vilaranda, André G.; Santos, João L.M.; Sousa, Maria João; Saraiva, M. Lúcia M.F.S.*
- 15350 **Highly Stable MOF Materials as Sustainable Catalysts: Oxidative Desulfurization of Fuels**  
*Viana, Alexandre; Ribeiro, Susana O.; Ribeiro, Luís A.; de Castro, Baltazar; Balula, Salete; Cunha-Silva, Luís*
- 15274 **Single Conformational vs. Multi Conformational QM/MM: The desulfination reaction of DszB**  
*Sousa, J.P.M.; Sousa, S.F.; Fernandes, P.A.; Ramos, M.J.*
- 15125 **Computational study of ion selective separation through graphene nanowindows in solution**  
*Pereira, Carlos M.; Magalhães, Alexandre L.*
- 15108 **A Theoretical study on SWCNT End-Functionalization: Intramolecular Hydrogen Bonds as a Molecular Gate**  
*Pinto, Alexandre R.; Magalhães, Alexandre L.*
- 15366 **Structural coloration based on Photonic Crystals for coating applications**  
*Barbosa, Pedro; Crista, Diana; Montenegro, Ara; Esteves da Silva, Joaquim*

## A2 - Literary & Cultural Studies

- 15290 **Fake news and fact-checking: an analysis in the light of journalistic sources theories**  
*Luísa Torre*
- 15293 **Understanding the Role Video Games may play in the Future of Journalism**  
*Sampaio, Caio F.*
- 15195 **Gender Equality in the video games sector in Portugal**  
*Lima, Luciana*
- 15014 **From GTA: San Andreas to GTA V: Why are black narratives in digital games always criminal and marginalized?**  
*Amaro, Maurício*
- 15428 **The African (-) American hyphenation: mapping racialized spaces and relations in Toni Morrison's Home**  
*Alice Gonçalves*
- 15430 **"They like being enslaved!" "Harry Potter" and the British imperialist mentality**  
*Lopes, Juliana V.*
- 15423 **Witches, Histories & Sunai: Defining the Self in Victoria Schwab's Monstrous Worlds**  
*Cerqueira, Tânia*

### A3 - Health Sciences VIII

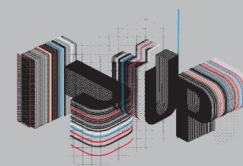
15412	<b>Prevalence of Campylobacter spp. in broilers: from arrival at the processing plant to shipment of meat</b> <i>Santos-Ferreira, Nânci L.; Costa, Micael; Lopes, Elisabete; Pereira, Sofia; Félix, Pedro; Almeida, Marisa; Freitas-Silva, Joana; Costa, Paulo M.</i>
15209	<b>Non-typhoidal Salmonella serotypes adapted to diverse stresses in a poultry meat processing unit in Portugal</b> <i>Ribeiro, Sofia; Mourão, Joana; Rebelo, Andreia; Novais, Carla; Peixe, Luísa; Antunes, Patrícia</i>
15450	<b>Evaluation of microbiological quality of lettuce sanitized by two different methods and exposed to different times and temperatures of storage in food service units</b> <i>Cardoso, Maria João; Ferreira, Rita Amaral; Oliveira, Beatriz; Antunes, Patrícia</i>
15045	<b>Evaluation of oral Staphylococcus aureus prevalence in Chronic Kidney Disease patients undergoing peritoneal dialysis</b> <i>Costa, Carolina F.F.A.; Merino, Ana; Mesquita, Raquel B.R.; Rangel, António O.S.S.; Sampaio-Maia, Benedita</i>
15172	<b>Disinfection of Alginate Impressions - demystifying paradigms among oral healthcare professionals.</b> <i>Azevedo, Maria; Correia, Inês; Sampaio-Maia, Benedita; Portela, Ana</i>
15218	<b>Intestinal colonization with multidrug-resistant, ESBL or carbapenemase producing Enterobacteriaceae, in continuing-care facilities in the Northern region of Portugal</b> <i>Lopes, Rita S.; Gonçalves, Daniela ; Ferreira, Helena</i>
15253	<b>Intestinal colonization of patients at a Neurology Ward in the North of Portugal with Antibiotic Resistant Bacteria - co-colonization with different threats</b> <i>Marques, Diana C.; Gonçalves, Daniela; Ferreira, Helena</i>
15044	<b>Antibiotic Susceptibility of Marine Planctomycetes and the Effects of Different Salinities on Antibiotic Susceptibility Profiles</b> <i>Godinho, Ofélia; Calisto, Rita; Øvreås, Lise; Quinteira, Sandra; Lage, Olga M.</i>
15000	<b>Technological and safety characterization of bacteriocinogenic lactic acid bacteria</b> <i>Ana Rita Silva; Helena Albano; Paula Teixeira</i>

### A4 - Criminology

15260	<b>The Cost of Fear of Crime: Violent and Nonviolent Burglary</b> <i>Couto, Letícia; Sousa, Pedro; Guedes, Inês</i>
15329	<b>The devil is in the details. Should we look closer into entrepreneurs' personality?</b> <i>Peixoto, Ângela R.; Almeida, Pedro R.</i>
15378	<b>"The Sentencing of Corporate Crime"</b> <i>Pereira, Ana L.; Faria, Rita ; Sousa, Pedro</i>
15301	<b>Illegal Wildlife Trafficking: An Overview of the Phenomenon</b> <i>Leal, Gabriel A. P.</i>
15068	<b>Analysis of the religiosity effects on criminal behavior</b> <i>Gomes, Joana S.</i>
15439	<b>Mediators in the Relationship between Dating Violence and Exposure to Interparental Violence: a review of the literature</b> <i>Ascensão, Solange M.</i>



# PARALLEL ORAL SESSIONS IX



February 15<sup>th</sup>, FRIDAY

09:00 - 10:30

## A1 - Biological Sciences III

- 15333 **Effects of O3 on Platanus x acerifolia pollen fertility, ROS and NAD(P)H oxidase activity**  
*Carvalho, Teresa; Veiga, Marlene; Fernandez-Gonzalez, Maria; Ribeiro, Helena; Abreu, Ilda*
- 15338 **Ozone effects on Betula pendula pollen allergenicity**  
*Veiga, Marlene; Carvalho, Teresa; Fernandez-Gonzalez, Maria; Ribeiro, Helena; Abreu, Ilda*
- 14977 **Allergens expression in Betula pendula pollen under atmospheric pollution influence**  
*Póvoas, Luís F.C.; Pereira, Susana; Séneca, Ana; Pissarra, José; Abreu, Ilda*
- 15062 **Composition of the essential oils isolated from two Zanthoxylum species used in traditional medicine in Guinea-Bissau**  
*Zagalo, João*
- 15317 **Supplement trends: are curcumin and resveratrol good for fertility?**  
*Pinto, Beatriz ; Costa, Lia; Fonseca, Bruno M.; Rebelo, Irene*
- 15316 **Newly synthesized xanthenes as potential P-glycoprotein modulators at the intestinal barrier: in vitro and ex vivo studies**  
*Silva, Vera ; Silva, Renata ; Martins, Eva; Resende, Diana ; Pinto, Madalena; Remião, Fernando; Sousa, Emília; Rocha-Pereira, Carolina*
- 15319 **Newly synthesized xanthonic derivatives as potential P-glycoprotein modulators: a strategy to fight Alzheimer's disease**  
*Martins, Eva; Barbosa, Daniel; Sousa, Emília; Resende, Diana; Pinto, Madalena; Remião, Fernando; Silva, Renata*

## A2 - Arts

- 14995 **Relations between Oriental Artistic-Cultural Aspects and Contemporary Portuguese Art**  
*Pimentel, Rita M. da S. de Mesquita*
- 15146 **TRANSVERSE TRANSGRESSION: LOOKING FOR A POETICS OF TRANSGURATION**  
*Amorim, Fábio*
- 15188 **Págos, Anatome**  
*TOSTA, Thabata L.*
- 15197 **The Migration of Images: From King David Musician to Saint John Coltrane**  
*Aguiar, Bruno Vitorino S.*
- 15212 **De Campanis Fundentis - A Bell Foundry Factory in Rio Tinto, Portugal.**  
*Felícia, Diana*
- 15368 **Considerations About The Concept of the Multiple and the Emancipation of Drawing**  
*MATEUS, João*
- 15373 **Eros and love in Eugénio de Andrade's Poetry**  
*Silva, Clara*

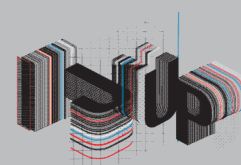
### A3 - Agro Food I

15160	<b>Agro-environmental diagnosis of farms using multicriteria indicators and hierarchical assessment tools.</b> <i>Neto, Joana ; Cunha, Mário</i>
15216	<b>Trioza erytrae (African citrus psyllidae): (i) life cycle; (ii) observation of the damage caused to citrus trees and their evolution over time</b> <i>Carvalho, Nuno M.; Aguiar, Ana A.</i>
15325	<b>Using field hyperspectral-spectrometry and pigment's concentration to determine predawn leaf water potential in Douro Region</b> <i>Tosin, Renan ; Novo, Helena ; Teixeira, Jorge ; Pôças, Isabel ; Graça, António .; Fontes, Natacha; Marçal, André RS; Cunha, Mario</i>
15327	<b>Assessing grapevine water status from hyperspectral signatures using machine learning algorithms: a new framework tested in Douro wine region</b> <i>Novo, Helena; Tosin, Renan; Teixeira, Jorge; Pôças, Isabel; Graça, António; Fontes, Natacha; Cunha, Mário</i>
15415	<b>Evaluation of water stress in three varieties of chickpea (Cicer arietinum L.)</b> <i>Araújo, Filipa; Nunes, Eugénia</i>
15169	<b>Beneficial effects of nano and bulk silicon forms on glyphosate-induced oxidative stress in tomato plants</b> <i>Nadais, Pedro; Soares, Cristiano; Rodrigues, Francisca; Pereira, Ruth; Fidalgo, Fernanda</i>

### A4 - Economics and Management I

15452	<b>Characterization of Reports on Payments to Governments (RPG) (Relatório de Pagamentos às Administrações Públicas - RPAP) prepared by the supporters of the Extractive Industries Transparency Initiative (EITI)</b> <i>Silva, Marlene</i>
15119	<b>Electoral policies, political-economic cycles and electoral results</b> <i>Mariz-Carreirinha, Ana P. ; Lima, João D.; Vieira, Pedro C.C.</i>
15055	<b>Rotten Apples do not fall on heads! Or do they? A gravity-inspired empirical assessment of the effect of corruption on migration</b> <i>José Verónico; Isabel Mota; Sandra Silva</i>
15447	<b>Economic Structure and Growth</b> <i>Sousa, José Mário</i>
14966	<b>THE IMPACT OF (OPPORTUNITY AND NECESSITY) ENTREPRENEURSHIP ON ECONOMIC GROWTH: DOES HUMAN CAPITAL MATTER?</b> <i>Rodrigues, Daniela R.; Teixeira, Aurora A. C.</i>
15064	<b>Mental illness, schizophrenia and economic growth: a panel analysis of 157 countries, 1990-2016</b> <i>Lima, Diogo; Teixeira, Aurora</i>

# PARALLEL ORAL SESSIONS X



February 15<sup>th</sup>, FRIDAY

11:30 - 13:00

## A1 - Biological Sciences IV

- |       |  |
|-------|--|
| 15094 | <b>Effects of simulated harvesting on seaweeds target species and rocky shore assemblages in northern Portugal</b><br><i>Ferreira, Ricardo; Sousa Pinto, Isabel; Azevedo, Isabel; Borges, Débora</i>   |
| 15117 | <b>Molluscs associated with invasive and native canopy-forming macroalgae in Galiza (NW Iberian Peninsula)</b><br><i>Andrade Ribeiro, T; Torres, AC; Rubal, M; Veiga, P</i>  |
| 14997 | <b>Too warm for the sea urchin? The effect of temperature on the metabolism and fitness of the European purple sea urchin, <i>Paracentrotus lividus</i></b><br><i>Costa, Ana F.; Freitas, Vânia; Campos, Joana; Arenas, Francisco</i>  |
| 15082 | <b>Black Soldier Fly <i>Hermetia illucens</i> meal as fish meal substitute in diets for meagre <i>Argyrosomus regius</i></b><br><i>Antunes, B. ; Guerreiro, I.; Coutinho, F.; Rangel, F. ; Castro, C. ; Couto, A.; Serra, C.R.; Peres, H. ; Pousão-Ferreira, P.; Matos, E. ; Oliva Teles, A.; Enes, P.</i>   |
| 15240 | <b>Black Soldier Fly (<i>Hermetia illucens</i>) meal as a fish meal substitute in diets for meagre (<i>Argyrosomus regius</i>): effects on gut microbiota</b><br><i>Lavrador, Ana S.; Guerreiro, Inês; Coutinho, Filipe; Castro, Carolina; Couto, Ana; Peres, Helena; Pousão-Ferreira, Pedro; Matos, Elisabete; Oliva Teles, Aires; Enes, Paula; Serra, Cláudia R.</i> |
| 15107 | <b>Cyanobacteria in Skin Protection</b><br><i>Bavini, Janaína M.; Lopes, Graciliana; Preto, Marco; Vasconcelos, Vítor; Martins, Rosário</i>  |

## A2 - Engineering III

- |       |  |
|-------|--|
| 15079 | <b>Switched Reluctance Motor: A New Alternative for Electric Vehicles</b><br><i>Almeida, Carlos S.; Carvalho, Adriano S.</i>                   |
| 15482 | <b>Embedding Intelligence To Robot Simulation</b><br><i>Fernandes, A.; Dutra, I.</i>   |
| 15328 | <b>Microservices in the grid - Highly Scalable Agent Models for Smart Grids Simulation</b><br><i>Ramos, Nuno; Silva, Daniel; Rúbio, Thiago</i> |
| 15152 | <b>Incremental Tensor Factorization for Recommender Systems</b><br><i>Ramalho, Miguel S.</i>   |
| 15267 | <b>Using Grover's Search Quantum algorithm to solve Boolean Satisfiability Problems.</b><br><i>Fernandes, Diogo; Dutra, Inês</i>               |

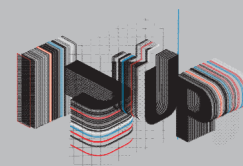
## A3 - Agro Food II

- 15156 **Emerging trends in oils consumption: the case of chia, flax and sesame seeds' oils**  
*Melo, Diana; Nunes, M. Antónia; Bessada, Sílvia; Álvarez-Ortí, Manuel; Pardo, José E.; Oliveira, M. Beatriz P.P.*
- 15166 **Monitoring the nutritional quality of tomatoes during shelf life after a post-harvest treatment with calcium chloride**  
*Koch, Ana; Carvalho, Daniel; Teixeira, Jorge; Guido, Luís*
- 15223 **Profile of soybean allergenic proteins as affected by thermal processing and food matrix**  
*Moura, Mónica ; Costa, Joana; Villa, Caterina; Mafra, Isabel; Oliveira, M. Beatriz P.P.*
- 15168 **Beneficial effects of nitric oxide on glyphosate-induced toxicity in Solanum lycopersicum L. plants**  
*Rodrigues, Francisca; Soares, Cristiano; Nadais, Pedro; Pereira, Ruth; Fidalgo, Fernanda*
- 15422 **The role of metallothioneins in tomato plants' response to Cr (VI) exposure**  
*Lopes, Jorge; Sousa, Bruno; Fidalgo, Fernanda ; Teixeira, Jorge*
- 15277 **Diclofenac detoxification in tomato plants - glutathione metabolism and the role of specific glutathione-S-transferases**  
*Sousa, Bruno; Lopes, Jorge; Fidalgo, Fernanda; Teixeira, Jorge*

## A4 - Economics and Management II

- 15289 **Market Allocation of Autonomous Vehicles**  
*Vila-Chã-Ferreira, Joana; Ferreira-da-Silva, Carlos; Marafona, Carolina; Cunha-Gonçalves, Ana R.; Vieira, Pedro C.*
- 14967 **R&D, Managerial Effort Allocation and Agency problems: a Real Options approach**  
*Borges, Nuno; Pereira, Paulo*
- 15052 **Privacy and Personalization Consumer's drivers, deterrents and moderators to share personal information**  
*Pereira, Nuno T.; Fernandes, Teresa*
- 15243 **Evolution of the controller role - A case study**  
*Joana Freitas*
- 14985 **The relationship between the perceived workload and the withdrawal intentions of portuguese young auditors**  
*Rodrigues, Pedro C.*
- 15311 **FROM FANDOM TO FAD: ARE MILLENNIALS REALLY ENGAGED WITH AND LOYAL TO THEIR LOVED BRANDS ON SOCIAL MEDIA?**  
*Inverneiro, Inês; Fernandes, Teresa*

# PARALLEL ORAL SESSIONS XI



February 15<sup>th</sup>, FRIDAY

14:30 - 16:00

## A1 - Sport Sciences III

- 15425 **The effect of number of hours of training per week on the reaction rate.**  
*Teixeira, Carolina Z.; Sá, Célia B.*
- 15470 **Effects of a plyometric training on rugby players over 12 weeks**  
*Trêpa, Miguel M.; Colaço, Paulo*
- 15474 **In-water vertical jump in young and senior male water polo players (the INEX project)**  
*Alves, M.; Júnior, A.; Silva, F.; Fernandes, A.; Monteiro, A. S.; Santos, J. P.; Leite, F.; Canossa, S.; Fernandes, R. J.*
- 15478 **Tethered force and lactate changes during taper**  
*Cruz, Mara; Sampaio, António; Vasconcelos, Bárbara; Carvalho, Diogo; Nunes, Diogo; Monteiro, Sofia; Vilas-Boas, João P.; Fernandes, Ricardo J.; Soares, Susana*
- 15492 **Biophysical characterization of the 5000 m front crawl in open water swimming**  
*Oliveira, Tiago; Neves, Vânia; Zacca, Rodrigo; Carvalho, Diogo; Vilas-Boas, João Paulo; Fernandes, Ricardo J.*
- 15494 **The effect of strength training on vertical jump of young football players**  
*Sousa, P.; Ribeiro, P.; Santos, T.; Rodrigues, P.; Vasconcelos, O.*
- 15397 **The effects of basketball practice on the bone mineral density of athletes**  
*Caneppele, Carina L.*

## A2 - Engineering IV

- 15179 **SALUTEM: A web-based tool for automated feedback and assessment of iSBAR**  
*Lopes, Gabriel C. ; Maia, Paulo M. C. B.; Gonçalves, Tiago F.S.; Nicolau, Abel F. S.; Couto, Carla D. R. C. S.*
- 15150 **Development of Spectral Imaging-FISH technology to study the diversity and spatial organization of gastric microbiota**  
*Teixeira, Helena; Azevedo, Andreia S.; Figueiredo, Céu; Almeida, Carina; Azevedo, Nuno F.*
- 15449 **Repurposing non-antibiotic drugs for antimicrobial purposes**  
*Leão, Cláudia; Borges, Anabela; Oliveira, Diana; Simões, Manuel*
- 15282 **PHOTOCATALYTIC REFORMING OF BENZYL ALCOHOL OVER METAL-LOADED g-CN: CAN SYNTHESIS BE SUSTAINABLE?**  
*Fontes, Hélder F. V.; Fernandes, Raquel A.; Lima, Maria J.; Sampaio, Maria J.; Silva, Cláudia G.; Faria, Joaquim L.*
- 15396 **Green Public Procurement in the Municipality of Porto, Portugal**  
*Reis, Patrícia; Neto, Belmira*

### A3 - Health Sciences IX

- 15429 **Adrenergic control of human macrophages polarization and its putative impact in cancer progression**  
*Adão, Diogo S.; Castro, F.; Cardoso, A.P.; Costa, A.M.; Pereira, F.; Oliveira, M.J.; Gonçalves, J.*
- 15424 **DOXORUBICIN AND MITOXANTRONE EFFECTS ON THE BRAIN'S REDOX STATUS OF DIFFERENTLY AGED MICE**  
*Ana Carvalho; Ana Reis-Mendes; Margarida Duarte-Araújo; Rita Guedes; Salomé Monteiro; Félix Carvalho; Maria Lourdes Bastos; João Paulo Capela; Vera Marisa Costa*
- 15379 **Immunomodulatory Nanoparticles for Intervertebral Disc Degeneration**  
*Almeida, Rui J.; Leite Pereira, Catarina; Vasconcelos, Daniela P.; Barbosa, Mário A.; Gonçalves, Raquel M.*
- 15481 **3D printing of poly( $\epsilon$ -caprolactone)/carbon-based nanofiller composite scaffolds for antimicrobial biomedical applications**  
*Melo, Sofia F.; Neves, Sara C.; Pereira, Andreia T.; Borges, Inês; Magalhães, Fernão D.; Gonçalves, Inês C.*
- 15488 **Differential role of methylprednisolone on GABA and Glutamate release from isolated nerve terminals of the rat hippocampus**  
*Neiva, Rafael; Graça Lobo, M.; Correia-de-Sá, Paulo*

### A4 - Psychology & Sciences of Education

- 14972 **Contexts, paths and effects of the practices of the U.Porto Pedagogical Innovation Office**  
*Vieira, Ismael C.*
- 15418 **Medical students' learning styles: the correlation with academic success and adherence to computer-assisted learning in anatomy**  
*Santos, Raquel S.; Tsisar, Stanislav; Ferreira, Diogo; Moreira, Ana C.; Costa, Carolina P.; Leite-Moreira, Adelino; Ferreira, Maria A.; Guimarães, B.*
- 15165 **"I am a student, a worker and a mother! What do you think about that?": Perceptions about work-family-school balance and the perceived support of the work organization and the university.**  
*Da Silva, Elisa; Carvalho, Márcia; Brandão, Catarina*
- 15181 **Binge Drinking in university students**  
*Leite, Ângela; Lino, Francisca; Cardoso, Raquel; Brandão, Catarina*
- 15194 **Returning home: a qualitative study on Post-Erasmus Syndrome**  
*Teiga, Adriana C.; Baptista, Ana R.; Brandão, Catarina V.*