

SATURDAY, SEPTEMBER 6

14.00 – 19.30 H REGISTRATION

17.00 – 17.30 H OPENING SESSION

17.30 – 18.30 H In memory of Isabel Spencer-Martins

CECÍLIA LEÃO

ISABEL SÁ-CORREIA

MARIA CONCEIÇÃO LOUREIRO DIAS

SOME EPISODES OF THE HISTORY OF SUGAR TRANSPORT IN YEASTS WERE RUN IN PORTUGAL. ISABEL SPENCER-MARTINS WAS THE MAIN PLAYER

18.30 – 19.30 H PLENARY LECTURE

CHAIRPERSON: MARGARIDA CASAL (PT)

KABACK H.R. (USA)

THE PERMEASE COMES TO PORTUGAL

19.30 H WELCOME RECEPTION

SUNDAY, SEPTEMBER 7

08.00 – 09.00 H

PLENARY LECTURE

CHAIRPERSON: CÂNDIDA LUCAS (PT)

CARLSON M. (USA)

REGULATION OF THE SNF1 PATHWAY IN RESPONSE TO GLUCOSE

SESSION 1

GLUCOSE TRANSPORT AND REGULATION

CHAIRPERSONS: MARIA CONCEIÇÃO LOUREIRO DIAS (PT) AND MARIA JOÃO SOUSA (PT)

09.00 – 09.30 H

FUHRMANN G.F. (DE)

DIFFERENCE IN KINETICS AND REGULATION OF GLUCOSE TRANSPORT BETWEEN HUMAN RED CELLS BY *GLUT1* AND *SACCHAROMYCES CEREVISIAE* IN SINGLE GLUCOSE TRANSPORTERS *Hxt1*, *Hxt2*, *Hxt3*, *Hxt4*, *Hxt6*, *Hxt7* AND *GAL2*

09.30 – 10.00 H

TURCOTTE B. (CA)

TRANSCRIPTIONAL CONTROL OF CARBON METABOLISM IN YEAST

10.00 – 11.00 H

COFFEE BREAK

POSTER SESSION 1 – ODD

SESSION 2

MEMBRANE TRANSPORT, SENSING AND REGULATION (PART 1)

CHAIRPERSONS: GÜNTER FUHRMANN (G) AND HERNÂNI GERÓS (PT)

11.00 – 11.20 H

PANEK A.D. (BR)

EFFECT OF TREHALOSE AND ITS TRANSPORTER IN PROTECTION AGAINST REACTIVE OXYGEN SPECIES

11.20 – 11.40 H

KARHUMAA K. (DK)

FUNCTIONAL ANALYSIS OF TRANSPORTER-LIKE SUGAR SENSORS IN *SACCHAROMYCES CEREVISIAE*

11.40 – 12.00 H

DOMINGUEZ A. (SP)

REGULATORY EFFECTS OF HISTONE ACETYLTRANSFERASES ON *CANDIDA ALBICANS* TRANSPORTERS

12.00 – 12.15 H

DOS SANTOS S.C. (PT)

EVIDENCE FOR A CARBON LIMITATION RESPONSE TO QUININE IN YEAST DUE TO GLUCOSE UPTAKE INHIBITION, AS SUGGESTED BY A TRANSCRIPTIONAL AND SUSCEPTIBILITY PHENOTYPE PROFILING

12.15 – 12.45 H

ENTIAN K.-D. (DE)

REGULATION OF GLUCONEOGENESIS IN YEAST

13.00 – 14.30 H

LUNCH

SESSION 3 **MEMBRANE TRANSPORT, SENSING AND REGULATION (PART 2)**
CHAIRPERSONS: ANITA PANEK (BR) AND SANDRA PAIVA (PT)

- 14.30 – 15.00 H** **THEVELEIN, J.M. (BE)**
AMINO ACID SENSING BY **GAP1** AND PHOSPHATE SENSING BY **PHO84** FOR RAPID ACTIVATION OF THE YEAST **PKA** PATHWAY
- 15.00 – 15.30 H** **LICHTENBERG-FRATÉ, H. (DE)**
RDI 1 AS MODULATOR OF THE IN VITRO ESTROGEN TRANSACTIVATION RESPONSE IN **SACCHAROMYCES CEREVISIAE**
- 15.30 – 16.00 H** **COOPER, T.G. (USA)**
TYPE **2A** PHOSPHATASE REGULATION OF **GLN3** PHOSPHORYLATION AND LOCALIZATION IN **SACCHAROMYCES CEREVISIAE**
- 16.00 – 16.30 H** **SAMYN, D.R. (SE)**
CHARACTERIZATION OF THE **PHO89** PHOSPHATE TRANSPORTER BY FUNCTIONAL HYPER-EXPRESSION IN **SACCHAROMYCES CEREVISIAE**

16.30– 17.00 H **COFFEE BREAK**

SESSION 4 **MEMBRANE ORGANIZATION AND FUNCTIONALITY**
CHAIRPERSONS: ANDRÉ GOFFEAU (BE) AND CÉLIA FERREIRA (PT)

- 17.00 – 17.30H** **RAO, R. (USA)**
THE **GENETIC BASIS** OF **CELLULAR PH** REGULATION
- 17.30 – 17.45 H** **BORGER, S. (DE)**
A THERMODYNAMIC APPROACH TO CATION HOMEOSTASIS IN **SACCHAROMYCES CEREVISIAE**
- 17.45 – 18.15H** **OPEKAROVA, M. (CZ)**
PLASMA **MEMBRANE DOMAIN** FORMATION IN YEAST: **GENOMIC SCREEN** SHOWS **ROLE** OF **NCE102** AND **PIL1**
- 18.15 – 18.30 H** **STRADALOVA, V. (CZ)**
ULTRASTRUCTURAL CHARACTERIZATION OF LATERAL PLASMA MEMBRANE DOMAINS IN YEAST
- 18.30 – 19.00 H** **URBAN-GRIMAL, D. (FR)**
ROLE OF THE UBIQUITIN LIGASE **Rsp5** IN INTRACELLULAR TRAFFICKING OF YEAST PERMEASES

20.00 H **RECEPTION**
CULTURAL PROGRAMME IN THE CENTRE OF BRAGA

MONDAY, SEPTEMBER 8

SESSION 5	MULTIDRUG RESISTANCE CHAIRPERSONS: MORTEN KIELLAND-BRANDT (DK) AND ISABEL SÁ-CORREIA (PT)
08.00 – 08.30 H	GOFFEAU, A. (BE) PLEIOTROPIC DRUG RESISTANCE IN <i>SACCHAROMYCES CEREVISIAE</i> : A REVIEW
08.30 – 09.00 H	PRASAD, R. (IN) MDR1P, A MFS MULTIDRUG TRANSPORTER OF HUMAN PATHOGENIC YEAST <i>CANDIDA ALBICANS</i>
09.00 – 09.20 H	MIYAKAWA, T. (JP) IDENTIFICATION AND CHARACTERIZATION OF VACUOLAR ABC TRANSPORTERS FOR S-ADENOSYL-L-METHIONINE IN <i>SACCHAROMYCES CEREVISIAE</i>
09.20 – 09.40 H	MONTERO-LOMELI, M. (BR) SIT4 AS A TARGET FOR YEAST GROWTH INHIBITION: INVOLVEMENT IN REGULATION OF METABOLISM AND MULTIDRUG RESISTANCE
09.40 – 10.00 H	GÁŠKOVÁ, D. (CZ) A NOVEL SCREENING SYSTEM FOR IDENTIFICATION OF INHIBITORS OF <i>SACCHAROMYCES CEREVISIAE</i> MULTIDRUG RESISTANCE PUMPS PDR5 AND SNQ2
10.00 – 11.00 H	COFFEE BREAK
	POSTER SESSION 2 – EVEN
SESSION 6	TRANSPORT OF ANTIFUNGAL DRUGS CHAIRPERSONS: ALISTAIR BROWN (UK) AND ANGEL DOMINGUEZ (SP)
11.00 – 11.30 H	TAMÁS, M.J. (SE) MOLECULAR CONTROL OF TRANSPORT SYSTEMS MEDIATING ARSENITE TOLERANCE
11.30 – 11.45 H	CABRITO, T.R. (PT) HETEROLOGOUS EXPRESSION OF <i>ARABIDOPSIS THALIANA</i> PUTATIVE MFS TRANSPORTER At5G13750P, HOMOLOGOUS TO ScTpo1P, ALSO CONFERS RESISTANCE TO THE HERBICIDE 2,4-D IN YEAST
11.45 – 12.00 H	TEIXEIRA, M. C. (PT) COORDINATE CONTROL OF THE TRANSCRIPTIONAL UP-REGULATION OF <i>FLR1</i> IN YEAST RESPONSE TO THE FUNGICIDE MANCOZEB INVOLVES YAP1P, PDR3P, YRR1P AND RPN4P
12.00 – 12.15 H	MARESOVA, L. (CZ) MEMBRANE HYPERPOLARIZATION DRIVES FUNGICIDAL ACTIVITY OF AMIODARONE
12.15. – 12.45	PALKOVA, Z. (CZ) PLASMA MEMBRANE TRANSPORTERS IN YEAST COLONY DEVELOPMENT
13.00 – 14.00 H	LUNCH EXCURSION TO PENEDA-GERÊS NATIONAL PARK

TUESDAY, SEPTEMBER 9

SESSION 7	CARBOXYLIC ACIDS TRANSPORT CHAIRPERSONS: ZDENA PALKOVA (CZ) AND PATRICK VAN DIJCK (BE)
08.00 – 08.30 H	PIPER, P.W. (UK) THE Fps1P REQUIREMENT IN Hog1P ACTIVATION WITH ACETIC ACID STRESS
08.30 – 09.00 H	CASAL, M. (PT) CARBOXYLATE PERMEASES IN YEAST
09.00 – 09.30 H	MATTHAEUS, F. (DE) CHARACTERIZATION OF Gpr1P FROM <i>YARROWIA LIPOLYTICA</i> - A MEMBER OF THE GPR1/FUN34/YAAH-FAMILY
SESSION 8	TRANSPORT & BIOTECHNOLOGY CHAIRPERSONS: ROGÉLIO BRANDÃO (BR) AND BJÖRN JOHANSSON (PT)
09.30 – 10.00 H	STAMBUK, B.U. (BR) GENE AMPLIFICATIONS ALLOWING EFFICIENT SUGAR UTILIZATION BY INDUSTRIAL FUEL ETHANOL YEASTS
10.00 – 10.30 H	VAN MARIS, A.J.A. (NL) A CRUCIAL ROLE FOR TRANSPORT IN METABOLIC ENGINEERING
10.30 – 11.00 H	COFFEE BREAK
SESSION 9	STRUCTURAL-FUNCTIONAL ANALYSIS OF TRANSPORTERS CHAIRPERSONS: R. KABACK (USA) AND ISABEL JOÃO SOARES SILVA (PT)
11.00 – 11.30 H	DIALLINAS G. (GR) INTRAMOLECULAR SYNERGY AS THE BASIS FOR THE EVOLUTION OF A HIGHLY SPECIFIC URIC ACID TRANSPORTER
11.30 – 12.00 H	ARAÚJO P.S.(BR) <i>SACCHAROMYCES CEREVISIAE</i> Agt1 TRANSPORTER: MAPPING THE AMINO ACIDS INVOLVED IN SUGAR AND PROTON SYMPORT
12.00 – 12.15 H	POPOVA, Y.G. (BE) MUTATIONAL ANALYSIS OF THE FUNCTIONAL ROLE OF CONSERVED ARGININES AND THE CENTRAL CYTOPLASMIC LOOP IN THE <i>SACCHAROMYCES CEREVISIAE</i> Pho84 PHOSPHATE TRANSPORTER
12.15 – 12.30 H	FREIMOSER F.M. (SZ) THE SPX DOMAIN OF THE LOW-AFFINITY PHOSPHATE TRANSPORTERS REGULATES TRANSPORT ACTIVITY AND PHOSPHATE METABOLISM IN YEAST
12.30 – 14.00 H	LUNCH

SESSION 10**WATER AND IONS: TRANSPORT AND REGULATION****CHAIRPERSONS: A. PEÑA (MX) AND J. RAMOS (SP)****14.00 – 14.25 H** **BRANDÃO, R.L. (BR)**THE INVOLVEMENT OF **Yvc1P** AND EXTERNAL CALCIUM IN THE PLASMA MEMBRANE **H⁺-ATPase** ACTIVATION IN YEAST CELLS**14.25 – 14.45 H** **SOVERAL G.(PT)**

YEAST AQUAPORIN ACTIVITY IS DOWNREGULATED BY EXTERNAL HYPO-OSMOLARITY

14.45 – 15.05 H **SÁNCHEZ, N.S. (MX)**EFFECTS OF SALTS ON AEROBIC METABOLISM OF *DEBARYOMYCES HANSENI***15.05 – 15.20 H** **NAVARRETE, C.(SP)**IDENTIFICATION AND STUDY OF **PPZ1** PHOSPHATASE IN THE MARINE YEAST *DEBARYOMYCES HANSENI***15.20 – 15.35 H** **SCHABER, J. (SE)**

SIGNAL REGULATION OF YEAST OSMO-ADAPTATION

15.35 – 15.50 H **LUDWIG, J. (DE)****K⁺**-FLUX MEASUREMENTS USING POTASSIUM SELECTIVE ELECTRODES AND **MICROELECTRODE FLUX ESTIMATION (MIFE)****15.50 – 16.05 H** **KAHM, M. (DE)**A MATHEMATICAL MODEL OF THE POTASSIUM UPTAKE SYSTEM **TRK** IN *SACCHAROMYCES CEREVISIAE***16.05 – 16.30 H****16.30 – 17.30 H** **NICO VAN UDEN LECTURE****CHAIRPERSON: MILAN HÖFFER (DE)****HANA SYCHROVA (CZ)**

POTASSIUM AND SODIUM TRANSPORTERS IN YEAST

17.30 – 18.00 H **GENERAL DISCUSSION AND CLOSING SESSION**

POSTERS

- P1** MALIC ACID PRODUCTION BY *SACCHAROMYCES CEREVISIAE*: ENGINEERING OF PYRUVATE CARBOXYLATION, OXALOACETATE REDUCTION AND MALATE EXPORT
- ZELLE R.M.(1,4) ,DE HULSTER A.F.(1,4) ,VAN WINDEN W.A.(1,4) ,DE WAARD P.(3), DIJKEMA C.(3) ,WINKLER A.A.(2) ,GEERTMAN J.M.A.(1,4) ,VAN DIJKEN J.P.(1,2,4), PRONK J.T.(1,4) AND VAN MARIS A.J.A.(1,4)
- (1)DEPARTMENT OF BIOTECHNOLOGY, DELFT UNIVERSITY OF TECHNOLOGY, DELFT, NETHERLANDS (2)BIRD ENGINEERING B.V., SCHIEDAM, NETHERLANDS (3)WAGENINGEN NMR CENTRE, WAGENINGEN UNIVERSITY AND RESEARCH CENTRE, WAGENINGEN, NETHERLANDS (4)KLUYVER CENTRE FOR GENOMICS OF INDUSTRIAL FERMENTATION, DELFT, NETHERLANDS, PRESENTING AUTHOR'S EMAIL: R.M.ZELLE@TUDELFT.NL
- P2** OSMOTOLERANT YEAST *ZYGOSACCHAROMYCES ROUXII* POSSESS TWO PLASMA-MEMBRANE Na^+/H^+ ANTIPORTERS TO ENSURE SALT TOLERANCE AND INTRACELLULAR POTASSIUM HOMEOSTASIS
- PRIBYLOVA L. ,PAPOUSKOVA K. AND SYCHROVA H.
- DEPT. MEMBRANE TRANSPORT, INST. PHYSIOLOGY AS CR, PRAGUE 4, CZECH REPUBLIC, PRESENTING AUTHOR'S EMAIL: SYCHROVA@BIOMED.CAS.CZ
- P3** FEASIBILITY OF MONITORING *S. CEREVISIAE* MORPHOLOGICAL STATES BY DIFFUSIVE REFLECTANCE UV-VIS-SWNIR SPECTROSCOPY
- CASTRO C. ,LOPES V.V. ,SILVA J. ,TEIXEIRA J. AND MARTINS R.C.
- CEB, UMINHO, BRAGA, PRESENTING AUTHOR'S EMAIL: RUI.MARTINS@DEB.UMINHO.PT
- P4** TRK2P PLAYS A POSSIBLE PHYSIOLOGICAL ROLE UNDER RESPIRATORY CONDITIONS
- PETREZSELYOVA S. ,HERYNKOVA P. AND SYCHROVA H.
- DEPARTMENT OF MEMBRANE TRANSPORT, INSTITUTE OF PHYSIOLOGY, PRAGUE, CZECH REPUBLIC, PRESENTING AUTHOR'S EMAIL: PETREZSELYOVA@BIOMED.CAS.CZ
- P5** SETTING *DEBARYOMYCES HANSENI* AS A MODEL FOR MOLECULAR STUDIES OF HALOTOLERANCE IN EUKARYOTIC CELLS
- MARTÍNEZ J.L.(1) ,MONTIEL V.(1) ,PISKUR J.(2) AND RAMOS J.(1)
- (1)DEPARTAMENTO DE MICROBIOLOGÍA, UNIVERSITY OF CÓRDOBA, CÓRDOBA, SPAIN (2)DEPARTMENT OF CELL AND ORGANISM BIOLOGY, UNIVERSITY OF LUND, LUND, SWEDEN, PRESENTING AUTHOR'S EMAIL: B92MARUJ@UCO.ES
- P6** EFFECT OF AGONISTS OF GAP1-DEPENDENT ACTIVATION OF PKA TARGETS ON DOWNREGULATION OF AMINO ACID PERMEASE ACTIVITY

RUBIO-TEXEIRA M. ,VAN ZEEBROECK G. AND THEVELEIN J.M.

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P7 SACCHAROMYCES CEREVISIAE POTASSIUM TRANSPORTER TRK1 3D MODEL APPROACH

LENZ M.(1) ,HEIL B.(2) ,LUDWIG J.(3) ,KSCHISCHO M.(1) AND LICHTENBERG-FRATÉ H.(3)

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**P8 A CRYPTIC ROLE OF URIC ACID INTERCELLULAR TRANSPORT AND CATABOLISM AND IN ASPERGILLUS
NIDULANS DEVELOPMENT**

**BORBOLIS F. ,KARACHALIOU M. ,GOURNAS C. ,HATZINIKOLAOU D. ,PANTAZOPOULOU A. AND
DIALLINAS G.**

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**P9 REGULATION OF PURINE TRANSPORTER BY ENDOCYTOSIS: ACTIVITY DEPENDENT AND AMMONIUM INDUCED
ENDOCYTIC PATHWAYS CONVERGE AT A C-TAIL Ub ACCEPTOR LYS**

GOURNAS C. ,AMILLIS S. ,VLANTI A. AND DIALLINAS G.

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P10 ANALYSIS OF CONSTITUTIVELY SIGNALING GAP1 ALLELES IN YEAST

KRIEL J. ,KIMPE M. ,LAGATIE O. AND THEVELEIN J.

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**P11 THE YEAST O-ACYLTRANSFERASE GUP1P ACTS ON THE METABOLISM OF LIPIDS WITH DIRECT
CONSEQUENCES ON THE SPHINGOLIPID-STEROL ORDERED DOMAINS INTEGRITY/ASSEMBLY**

FERREIRA C. AND LUCAS C.

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P12 A CENTURY OF PARACOCCIDIOIDOMYCOSIS

ASSIS, C.M.D.

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BRAZIL, PRESENTING AUTHOR'S EMAIL: CMASSIS@YAHOO.COM.BR**

- P13** **STRUCTURE/FUNCTION STUDIES ON YEAST CARBOXYLATE PERMEASES**
- SOARES-SILVA I.(1) ,FOSKOLOU Z.(2) ,DIALLINAS G.(2) AND CASAL M.(1)**
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- P14** **A NEW HEXOSE TRANSPORTER FROM *TORULASPORA DELBRUECKII***
- PACHECO A. (1) ,ALMEIDA M.J.(1) ,HERNADEZ-LOPEZ M.J.(2) ,PRIETO J.A.(2) RANDEZ-GIL F. (2) AND SOUSA M.J.(1)**
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- P15** **DECIPHERING THE ROLE OF A-SYNUCLEIN PHOSPHORYLATION IN PARKINSON'S DISEASE: INSIGHTS FROM A YEAST MODEL**
- TENREIRO S.(1) AND OUTEIRO T.F.(1,2)**
- (1)CELL AND MOLECULAR NEUROSCIENCE UNIT, INSTITUTO DE MEDICINA MOLECULAR, LISBON (2)MASSACHUSETTS GENERAL HOSPITAL, HARVARD MEDICAL SCHOOL, BOSTON, UNITED STATES OF AMERICA, PRESENTING AUTHOR'S EMAIL: STENREIRO@GMAIL.COM**
- P16** **THE PHENOTYPIC HETEROGENEITY OF *SACCHAROMYCES CEREVISIAE* STRAINS FROM NATURAL ENVIRONMENTS**
- FRANCO-DUARTE R. ,CASAL M. AND SCHULLER D.**
- MOLECULAR AND ENVIRONMENTAL BIOLOGY CENTRE (CBMA), UNIVERSITY OF MINHO, BRAGA, PRESENTING AUTHOR'S EMAIL: RICARDOFILIPEDUARTE@BIO.UMINHO.PT**
- P17** **CANDIDA ALBICANS *GUP1* INTERFERES WITH THIS YEAST CAPACITY TO FORM HYPHAE AND OTHER PATOGENICITY-ASSOCIATED FACTORS**
- FERREIRA C. AND LUCAS C.**
- MOLECULAR AND ENVIRONMENTAL RESEARCH CENTRE (CBMA)/BIOLOGY DEP., MINHO UNIVERSITY, BRAGA, PRESENTING AUTHOR'S EMAIL: CELIAMJF@GMAIL.COM**
- P18** **EXPRESSION PROFILE OF GENES INVOLVED IN HYDROGEN SULPHIDE LIBERATION BY *SACCHAROMYCES CEREVISIAE* GROWN UNDER DIFFERENT NITROGEN CONCENTRATIONS**
- MENDES-FERREIRA A. (1), BARBOSA C. (1), DEL OLMO M. (2), MENDES-FAIA A. (1), LEÃO C. (3)**
- (1) IBB-CENTRO DE GENÉTICA E BIOTECNOLOGIA- UNIVERSIDADE DE TRÁS-OS-MONTES E ALTO DOURO, VILA REAL, PORTUGAL. (2) DEPARTAMENT DE BIOQUÍMICA I BIOLOGIA MOLECULAR, UNIVERSITAT DE VALÈNCIA, VALÈNCIA, SPAIN (3) INSTITUTO DE INVESTIGAÇÃO EM CIÊNCIAS DA VIDA E SAÚDE (ICVS), ESCOLA DE CIÊNCIAS DA SAÚDE, UNIVERSIDADE DO MINHO, BRAGA, PORTUGAL**

- P19** SUBSTRATE-REGULATED AND UBIQUITIN-DEPENDENT TRAFFICKING OF THE *SACCHAROMYCES CEREVISIAE* SIDEROPHORE TRANSPORTER **Sit1**.
- ERPAPAZOGLUO Z. ,FROISSARD M. ,LESUISSE E. ,HAGUENAUER-TSAPIS R. AND BELGAREH-TOUZE N.**
- INSTITUT JACQUES MONOD, CNRS, PARIS, FRANCE, PRESENTING AUTHOR'S EMAIL: ERPAPAZOGLUO@IJM.JUSSIEU.FR**
- P20** THE EFFECTS OF FORMALIN ON INTRACELLULAR PROTEIN LOCALIZATION
- TATE J.J. AND COOPER T.G.**
- MOLECULAR SCIENCES, UNIVERSITY OF TENNESSEE, MEMPHIS, TN 38163, UNITED STATES OF AMERICA, PRESENTING AUTHOR'S EMAIL: TCOOPER@UTMEM.EDU**
- P21** THE ANTIFUNGAL PROPERTIES OF BOTANICAL EXTRACTS: CELLULAR PATHWAYS
- RAO A. ,MUEND S. AND RAO R.**
- DEPARTMENT OF PHYSIOLOGY, JOHNS HOPKINS UNIVERSITY, BALTIMORE, UNITED STATES OF AMERICA, PRESENTING AUTHOR'S EMAIL: ANJANA.RAO@COMCAST.NET**
- P22** YEAST AS AN EXPRESSION TOOL TO STUDY SUGAR AND WATER TRANSPORT IN PLANTS
- AGASSE A.(1) ,CONDE C.(1) ,SILVA P.(1) ,GOMES D.(1) , JOHANSSON B.(2) AND GERÓS H.(1)**
- (1)CENTRO DE FISILOGIA MOLECULAR E BIOTECNOLOGIA DE PLANTAS, DEPARTAMENTO DE BIOLOGIA, UNIVERSIDADE DO MINHO, BRAGA (2)CENTRO DE BIOLOGIA MOLECULAR E AMBIENTAL, DEPARTAMENTO DE BIOLOGIA, UNIVERSIDADE DO MINHO, BRAGA, PRESENTING AUTHOR'S EMAIL: AGASSE@BIO.UMINHO.PT**
- P23** POLYOL TRANSPORT IN *D. HANSENI*
- LEANDRO M.J. AND LOUREIRO-DIAS M.C.**
- DEPARTAMENTO DE BOTÂNICA E ENGENHARIA BIOLÓGICA, INSTITUTO SUPERIOR DE AGRONOMIA/UNIVERSIDADE TÉCNICA DE LISBOA, LISBOA, PRESENTING AUTHOR'S EMAIL: MJLEANDRO@ISA.UTL.PT**
- P24** PHYSIOLOGICAL EFFECTS OF ALTERED MITOCHONDRIAL **NAD⁺/NADH** RATIOS IN *SACCHAROMYCES CEREVISIAE*
- AGRIMI G.(1) ,BRAMBILLA L.(2) ,LOSIO D.(2) ,VAI M.(2) ,PISANO I.(1) ,PALMIERI F.(1), PORRO D.(2) AND PALMIERI L.(1)**
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- P25** IDENTIFICATION AND FUNCTIONAL RECONSTITUTION OF THE YEAST MITOCHONDRIAL CARRIER FOR **S-ADENOSYLMETHIONINE**

MAROBPIO C.M.T. ,AGRIMI G. ,LASORSA F.M. AND PALMIERI F.

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P26 **PHENOTYPIC ANALYSIS AND TRANSCRIPTOME PROFILING OF *SACCHAROMYCES* RESPONSE TO MEDIUM CHAIN FATTY ACIDS**

LEGRAS J.(2) ,ERNY C.(1) ,LE JEUNE C.(1) ,LOLLIER M.(1) ,DELOBEL P.(3) ,BLONDIN B.(3) AND KARST F.(2)

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P27 **JEN1P MEDIATED LACTATE TRANSPORT IN YEAST COLONY DEVELOPMENT**

STRACHOTOVÁ D.(1,2) ,PAIVA S.(3) ,CASAL M.(3) ,VÁCHOVÁ L.(1) AND PALKOVÁ Z.(2)

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P28 **IDENTIFICATION AND CHARACTERIZATION OF VACUOLAR S-ADENOSYL-L-METHIONINE TRANSPORTERS IN *SACCHAROMYCES CEREVISIAE***

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P29 **EVOLUTION OF PDR TRANSPORTERS IN HEMIASCOMYCETES**

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