

BERG and BSRG projects before 2007

Aromatic amine monitoring and degradation in the treatment of industrial wastewaters

Principal Investigator of the IST team: Helena M. Pinheiro

Contract: PDCT/AMB/59392/2004

Start date: 01/01/2006

Duration: 42 months

Exhaled breath condensate: A tool for noninvasive evaluation of pollutant exposition?

Coordination: IST (Teresa Pinheiro)

Ref: PTDC/AMB/65828/2006

Starting date: 2007

Duration: 48 months

Research grant: T-cell subsets modulation in psoriatic lesions by photo(chemo)therapy and systemic biological agents.

Paulo Filipe (IMM/FM-UL/ Hospital de Santa Maria) & Teresa Pinheiro (IST).

Ref: Fundacion Salud 2000

Starting date: 2007

Duration: 36 months

Biodegradation of azo dyes in a sequencing batch reactor

Principal Investigator of the IST team: Helena M. Pinheiro

Contract: POCTI/32586/BIO/2001

Start date: 15/02/2005

Duration: 36 months

DBYeast: Infrastructure and algorithms for analysis and identification of gene regulatory networks

Principal Investigator of the IST team: Isabel Sá-Correia

Contract: POSI/EIA/57398/2004

Start date: 01/01/2005

Duration: 36 months

Wastewater treatment bioreactor operation for synthetic dye decolourisation

Principal Investigator of the IST team: Helena M. Pinheiro

Contract: PDCT/AMB/59388/2004

Start date: 15/12/2005

Duration: 42 months

Strategies to accelerate the productive biodegradation of several herbicides under environmental stress conditions

Programme: Quality of Life and Management of Living Resources/ key action: The "Cell factory" (Fifth Framework Programme)

Principal Investigator of the IST team: Isabel Sá-Correia

Contract: QLK3-CT-1999-00041

Start date: January 2000

Duration: 36 months

European network for the functional analysis of yeast genes discovered by systematic sequencing (phase II)

Programme: EUROFAN II - Transport node, E.U.

Principal Investigator of the IST team: Isabel Sá-Correia

Contract: BIO4-CT97-2294

Start date: September 1997

Duration: 24 months

European network for the functional analysis of yeast genes discovered by systematic sequencing (phase I)

Programme: EUROFAN I -"Six-pack fundamental analysis programme" and "transport node", E.U.

Principal Investigator of the IST team: Isabel Sá-Correia

Contract: BIO4-CT95-0080

Start date: January 1996

Duration: 24 months

Development of bioassays for herbicide toxicity based on gene expression profiling using yeast cells (HERBITOXBIOAS)

Principal investigator: Cristina Anjinho Viegas

Contract: PTDC/AMB/64230/2006

Start date: 01/11/2007

Duration: 36 months

Expression profiling studies to specify the symbiotic genetic programme of the model legume *Medicago truncatula*

Principal Investigator of the IST team: Leonilde Morais Moreira

Contract: PTDC/AGR-GPL/70592/2006

Start date: 01/10/2007

Duration: 36 months

Acute versus persistent infection by *Burkholderia cepacia* complex bacteria in cystic fibrosis patients: underlying mechanisms, in particular the role of exopolysaccharide biosynthesis

Principal Investigator: Isabel Sá-Correia

Contract: PTDC/SAU-MII/69591/2006

Start date: 01/10/2007

Duration: 36 months

Regulation of exopolysaccharide biosynthesis and virulence of *Burkholderia cepacia* by protein-tyrosine phosphorylation

Principal Investigator: Leonilde Morais Moreira

Contract: PTDC/BIA-MIC/652 10/2006

Start date: 01/09/2007

Duration: 36 months

Enzymatic Degradation and Synthesis of Azo and Antraquinonic Dyes

Principal Investigator of the IST team: Cristina Anjinho Viegas

Contract: PTDC/BIO/72108/2006

Start date: 01/09/2007

Duration: 36 months

PROBIOETHANOL - Proteomics and engineering of yeast ethanol tolerance for high-productivity bio-ethanol fermentation processes

Principal Investigator of the IST team: Isabel Sá-Correia

Contract: PTDC/BIO/66151/2006

Start date: 01/07/2007

Duration: 36 meses

Herbicide resistance in *Arabidopsis thaliana*: Role of plant multidrug resistance transporters

Principal Investigator of the IST team: Isabel Sá-Correia

Contract: PTDC/AGR-AAM/67858/2006

Start date: 01/07/2007

Duration: 36 months

Sustainable microbial and biocatalytic production of advanced functional materials

Principal Investigator of the IST operational unit: M. Manuela da Fonseca

Contract: EU 026515-2

Start date: 01/09/2006

Duration: 48 months

Role of the exopolysaccharides in the early steps of *Rhizobium*-legume symbiosis

Principal Investigator: Leonilde Morais Moreira

Contract: PTDC/AGR-AAM/66977/2006

Start date: 01/03/2007

Duration: 36 months

Biochemical and structural studies of UDP-glucose dehydrogenases

Principal Investigator at IST: Arsénio Mendes Fialho

Contract: PTDC/QUI/67925/2006

Start date: ...

Duration: 36 months

Insights into the complex regulatory network acting in yeast cells challenged with drugs/chemical stresses: genome-wide expression approaches supported by bioinformatics

Principal Investigator of the IST team: Isabel Sá-Correia

Contract: PDCT/BIO/56838/2004

Start date: 01/01/2006

Duration: 24 months

Strategies to accelerate atrazine biodegradation in contaminated soils, waters or sediments and assessment of the ecotoxicity of this herbicide and its metabolites (ATRAZINEBIOREM)

Principal Investigator: Arsénio Mendes Fialho

Contract: POCI/AMB/56039/2004

Start date: 01/09/2005

Duration: 36 months

Biosynthesis of the bacterial gum gellan: molecular biology, biochemistry and genetic engineering of the pathway

Principal Investigator: Arsénio Mendes Fialho



Institute for Bioengineering and Biosciences

Contract: POCTI/BIO/58401/2004

Start date: 01/01/2005

Duration: 36 months