



People & Facts appendix to the
annual report
2010



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Full List of Staff

Scientific, Technological and Teaching Support

Scientific Services

Nuclear Magnetic Resonance CERMAX

Coordinator: Helena Santos
Manager: Pedro Miguel Lamosa
Helena Pereira Matias
João Pires

Analytical Services Unit

Coordinator: Teresa Crespo
Quality Assurance Unit: Ana Luísa Simplício
Ana Maria Varela Coelho
Elizabete Pires
Maria da Conceição Almeida
Maria Manuela Regalla
Mário Patrício
Paula Isabel Alves
Paula Chicau
Sandra Silva

Small Molecule X-Ray Crystallography

Isabel Bento

Fermentation Unit

Coordinator: Miguel S. Teixeira
João Carita

Teaching Laboratory

Coordinator: Adriano O. Henriques
Teresa Baptista da Silva

Library

Librarian: Susana Lopes
Library Advisory Committee
Chairman: Miguel Teixeira
Carlos C. Romão
Adriano O. Henriques
Margarida Oliveira

Washrooms

Coordinator: Teresa B. da Silva
Ana Cristina Barreiros
Carmen Fernandes
Helena Vilaranda
Maria Alice Ferreira
Maria Eugénia Santos
Pilar Campos
Sónia Serrano
Sónia Moita

Lab Manager

Cláudia Almeida

Computer Systems Support

Coordinator: Carlos Frazão
Executive coord.: Daniel F. Branco
Carlos Manuel Cordeiro
Hugo Gonçalo Cordeiro
José Miguel Loureiro
Maria Manuel Rato
Rui Miguel Alves

Workshop and Maintenance

Head: Henrique Campas Nunes
Alexandre Maia
Aníbal Ribeiro
António Ramalho
Miguel Rodrigues
João Carlos Zanão Simões
José Luís Liberato
Luís Gonçalves
Nuno Soares
Nuno Monteiro
Rómulo Correia
Tiago Escóbar

Management Support

Administration and Finance

Head: Fernando Jorge Tavares

Accounting

Ana Cristina Afonso Silva

Mónica Adriano Vieira

Isabel Mestre

Nuno Lopes

Sónia Ermida

Treasury Section

Ana Freire

Anabela Bernardo Costa

Storeroom

Ana Isabel Santos

Bruno Gouveia

Carlos Martins

João Rodrigues

Ricardo Pinto

Human Resources

Head: Maria Cristina Pinto

Ana Luísa Cruz

Goretti Rocha

Helena Cordeiro Rodrigues

Maria Madalena Pereira

R&D Planning and Management

Head: Maria de Lurdes Conceição

Cristina Amaral

Cristina Lopes

Isabel Murta

Sandra Marina Martins

Science Manager

Alexandra Veiga

Mailing and Archive

Artur Freitas

Academics

Ana Portocarrero

Fátima Madeira

Industry Liaison Office

Francisco Pereira do Valle

Communication

Head: Ana M. Sanchez

Luís Morgado

Cláudia Lopes Pinheiro

Research Divisions

Chemistry

Bioinorganic Chemistry and Peptide Design

Olga Iranzo, Investigador Auxiliar

Anaïs Pujol	Post Doc
Ana Filipa Pereira Fragoso	BI
Laura Alves dos Santos Comprido	Trainee

Bioorganic Chemistry

Rita Ventura, Investigador Auxiliar

Eva Correia Lourenço	PhD Student
Fábio Rui	BI
André Filipe Rodrigues Portugal	Trainee

Colloids Polymers & Surfaces

António Lopes, Professor Associado U. Lusófona

João Cortez	Investigador Auxiliar
Lstvan Joaquin Balogh	PhD Student
Carla Teresa Ribeiro Antunes	PhD Student
José Filipe da Silva Lapas Almeida	PhD Student
Luis Miguel Costa Marques	BI
Nádia de Oliveira Martins do Vale	Resident Artist

Coordination and Supramolecular Chemistry

Rita Delgado, Professor Associado com Agregação IST

Pedro Miguel Veríssimo Mateus	PhD Student
Catarina Alexandra Veríssimo Esteves	BI
Judite da Conceição Nunes Costa	Invited Researcher

Homogeneous Catalysis

Beatriz Royo Cantabrana, Investigador Auxiliar

André Filipe Pontes da Costa	PhD Student
Carla Gamelas Reis	Invited Researcher
Krishna Mohan Kandepi	Post Doc
Patrícia Reis	Post Doc
José Angel Brito Castro	PhD Student
João Martinho Silva Ramalho Cardoso	PhD Student
Rita Isabel Lourenço da Silva Lopes	BI

Micro-Heterogeneous Systems

Eurico de Melo, Professor Auxiliar IST

Winchil Luís Cláudio Vaz	Prof. Catedrático
Susete Garcia Soares Beirão	Post Doc
Maria Helena Lopes Lameiro	PhD Student
Rute Cristina Martins Silveira Mesquita	PhD Student

Sofia Cristina Leite de Souza	PhD Student
Joana Rita Ripado Valério	BI

Organic Synthesis

Christopher Maycock, Professor Associado FCUL

Ana Sofia da Cunha Miguel	PhD Student
Paula Alexandra Carvalho Rodrigues	PhD Student
Carina Isabel Correia Crucho	PhD Student
Oswaldo Santiago Ascenso	BI
Saúl Alves Graça da Silva	BII

Organometallic Chemistry

Carlos C. Romão, Professor Catedrático

Lukas Adrian Kromer	Post Doc
Ana Isabel Carita Valente Melato	Post Doc
Patricia Matias Reis Francisco	Post Doc
João Daniel Silva Seixas	PhD Student
Maria Carlota Veiga de Macedo	PhD Student
Agnés Viktória Jancsó Canongia Lopes	Researcher*
Ana Margarida Lopes Gonçalves	Researcher*
Ana Sofia Gorgulho Gonçalves	Researcher*
Ana Rita Sarzedas Marques Pina	Researcher*
Nuno Miguel Penacho Pereira	Researcher*
Marta Roque de Pinho Norton de Matos	Researcher*
Nuno Arantes e Oliveira	Researcher*
Sandra Sofia Pereira Rodrigues	Researcher*
Ana Catarina Dias Martins Coelho	Researcher*
Walter Anton Blattler	Consultant*
Ana Margarida Lopes Gonçalves	Trainee
Vasco Madeira Crispim Romão	Trainee*

* Alfama

Single Molecule Processes

Yann Astier, Investigador Auxiliar

João Carlos de Sá Nogueira Sousa Dias	Post Doc
Clelia Nelson	Post Doc
Elisa Campos	PhD Student
Malgorzata Magoch	Marie Curie Fellow

Biological Chemistry

Bacterial Energy Metabolism

Inês Cardoso Pereira, Investigador Principal

Sofia Isabel Marques da Silva	PhD Student
Sofia Cristina dos Santos Venceslau	PhD Student
Tânia Pais (cosup. Margarida Archer)	PhD Student
Fábio de Oliveira (cosup. Claudina Pousada)	PhD Student
Ana Raquel Martinho Ramos	PhD Student
Marta Coimbra Marques (cosup. Pedro Matias)	PhD Student
André Fernando Anastácio dos Santos	BI
Daniela Matos	BI

Metalloproteins and Bioenergetics Unit

Biological Energy Transduction

Manuela M. Pereira, Investigador Auxiliar

Ana Paula Batista (cosup. Miguel Teixeira)	PhD Student
Patrícia Neto Refojo (cosup. Miguel Teixeira)	PhD Student
Lara Paulo	BI
Bruno Marreiros	BI

Biomolecular NMR

Manolis Matzapetakis, Investigador Auxiliar

Meire Coelho de Almeida	BI
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Genomics and Stress

Claudina Rodrigues-Pousada, Prof. Catedrático Convidado

Tracy Laura Nevitt Gonçalves	Post Doc
Regina Andrade Menezes	Post Doc
Catarina Isabel Ribeiro Pimentel	Post Doc
Marcos Dias Pereira	Post Doc
Catarina Sá Almeida Amaral	PhD Student
Fábio de Oliveira (cosup. Inês Pereira)	PhD Student
Liliana Sofia Batista Nascimento	PhD Student
Ana Rita Ladeira Courelas da Silva	Master's Student
Cristina Maria Teixeira Vicente	Master's Student
Ana Catarina Varela Raposo	BI
Ana Filipa Nunes Leitão Alegre	Trainee

Macromolecular Crystallography Unit

Industry and Medicine Applied Crystallography

Pedro Manuel Marques Matias, Investigador Principal

Tiago Bandeiras (colab. M. A. Carrondo)	Investigador Auxiliar
Susana Margarida Pires Gonçalves	PhD Student
Marta Coimbra Marques (cosup. Inês Cardoso Pereira)	PhD Student

Ana Isabel Canas Ferreira Mingote	BI
Micael Correia Freitas	BI
Ana Rita Grilo Barradas	BI
Ana Esteves (colab. Helena Santos)	BI

Inorganic Biochemistry and NMR

Ricardo Saraiva L. Oliveira Louro, Investigador Auxiliar

Catarina Morais Vaz Paquete	Post Doc
Bruno Miguel Oliveira Maia da Fonseca	PhD Student
Ivo Miguel Henriques Saraiva	PhD Student
Maria Alexandra Alves	PhD Student
Eduardo Paulo de Oliveira Lopes Calçada	BI

Macromolecular Crystallography Unit

Membrane Protein Crystallography

Margarida Archer Frazão, Investigador Auxiliar

Miguel Pedro Januário Pessanha	Post Doc
José Artur Alves de Brito	PhD Student
Tânia Pais (cosup. Inês Cardoso Pereira)	PhD Student
Przemyslaw Nogly	PhD Student
Ana Lúcia Rebelo do Rosário	PhD Student
Anabela de Sousa Borges	Master's Student

Metalloproteins and Bioenergetics Unit

Metalloenzymes and Molecular Bioenergetics

Miguel Teixeira, Professor Catedrático

Célia Romão (colab. M ^a Arménia Carrondo)	Investigador Auxiliar
João Filipe Bogalho Vicente	Post Doc
Ana Filipa Carapinha Pinto	PhD Student
Fabrizio Testa	PhD Student
M. Filipa Sousa (cosup. Manuela Pereira)	PhD Student
Vera Lúcia Gonçalves (cosup. Lígia Saraiva)	PhD Student
Liliana Carreira Pinto	BTI
Sandra Isabel dos Santos	BI
Miguel Ribeiro	BI
Gabriela Henriques	BII

Microbial & Enzyme Technology

Lígia O. Martins, Professor Auxiliar Convidado

Marta Isabel da Silva Graça	Invited Researcher
Vânia Sofia Brissos	Post Doc
Zhenjia Chen	Post Doc
Bruno Patrick Reynolds	PhD Student
André João Tavares Fernandes	PhD Student
Tânia Isabel Soares Rosado	PhD Student

Sónia Alexandra Gonçalves Mendes	BI
Ana Isabel Nunes Farinha	Trainee
Tiago Emanuel Maio Correia	Trainee

Molecular Genetics of Microbial Resistance

Lígia M. Saraiva , Investigador Principal	
Marta Sofia Guedes de Campos Justino	Post Doc
Susana André Lima Lobo	Post Doc
Lígia Isabel Santos Nobre	PhD Student
Vera Lúcia Faria Viola Gonçalves	PhD Student
Joana Morais Baptista	PhD Student
Ana Filipa Nogueira Tavares	PhD Student
Mafalda Cristina de Oliveira Figueiredo	PhD Student
André Filipe Grácio Fernandes	BI
Adelina Margarida Lima Pereira R. Parente	BI

Molecular Interactions and NMR

Patrick Groves , Investigador Auxiliar	
Malgorzata Palczewska-Groves	Post Doc

Molecular Simulation

António M. Baptista , Investigador Auxiliar	
Sara Isabel Rasteiro Campos	PhD Student
Luís Carlos Santos Filipe	PhD Student
Pedro Rafael Silva Álvaro Magalhães	PhD Student
Catarina Azevedo Carvalheda dos Santos	Master's Student

Mössbauer Spectroscopy

Filipe Tiago de Oliveira, Professor Auxiliar FCT-UNL

Protein Biochemistry Folding & Stability

Cláudio M. Gomes , Investigador Auxiliar	
Sónia Cristina Alves Dickson Leal Solano	Post Doc
Ema Luís Pereira Gomes Alves	Post Doc
Ana Raquel Viegas Correia	PhD Student
Bárbara Joana de Almeida Henriques	PhD Student
Vesna Prosiniecki	PhD Student
Hugo Miguel Raposo Correia Botelho	PhD Student
Daniela Filipa Dias Isidoro	BII
Ana Margarida Lopes Fiadeiro	BII
Carolina Emanuel Carreira Gomes Jardim	Trainee
Sofia Baptista de Carvalho	Trainee

Protein Modelling

Cláudio M. Soares , Professor Associado	
Bruno Lourenço da Silva Victor	Post Doc
Ana Sofia Fernandes de Oliveira	PhD Student
Diana Andreia Pereira Lousa	PhD Student
João Miguel Marques Martins Damas	PhD Student
Luís Manuel Pinto Pereira	BI
Carla Baltazar	BI

Raman Spectroscopy

Smilja Todorovic , Investigador Auxiliar	
Zélia Licínia Ferreira Gouveia	PhD Student
Gabriel Martins	BI

Macromolecular Crystallography Unit Structural Biology

Carlos Maria Franco Frazão , Investigador Principal	
Joana Raquel Morgado Rocha	PhD Student
Patrícia Alexandra Teixeira Borges	BI
Luis Manuel Pinto Pereira	BI

Macromolecular Crystallography Unit Structural Genomics

Maria Arménia Carrondo , Professor Catedrático	
Isabel Maria Almeida de Jesus Bento	Investigador Auxiliar
Colin Edward McVey	Investigador Auxiliar
Célia Romão (colab. Miguel Teixeira)	Investigador Auxiliar
Tiago Bandeiras (colab. Pedro Matias)	Investigador Auxiliar
Ricardo Emanuel Sirgado Miranda Coelho	Technician
Catarina Isabel Simões Pires da Silva	PhD Student
Mário José Pedrosa Correia	PhD Student
Ana Teresa da Silva Gonçalves	PhD Student
Tânia Madeira (colab. Vitória S. Romão)	Master's Student
Bruno Manuel Castelões Gonçalves Correia	BI
Sandra Isabel dos Santos (colab. Miguel T.)	BI
Gabriela Henriques (colab. Miguel Teixeira)	BII

Biology

Bacterial Cell Biology

Mariana G. Pinho, Investigador Auxiliar

Patrícia Reed	Post Doc
Ana Maria Rodrigues Jorge	PhD Student
Helena Maria Pinto Veiga	PhD Student
Pedro Matos Pereira	PhD Student
João Miguel da Silva Queiroga Monteiro	BI
Vânia Filipa Carvalho Macário	BI
Maria Ferreira (colab. Ana Rute Neves)	BI
Ana Raquel Ramos Pereira	Master's Student

Bacterial Cell Surfaces and Pathogenesis

Sérgio R. Filipe, Investigador Auxiliar

James Yates	Post Doc
Mafalda Soeiro Xavier Henriques	PhD Student
Magda Luciana Dias Pereira Atilano	PhD Student
Filipa Baltazar da Costa Vaz	BI
Mafalda Bernes de Sousa Uva	BI
Tatiana Justo Machado Rodrigues	BI

Bacterial Signaling

Karina B. Xavier, Investigador Auxiliar

Michal Bejerano-Sagie - IGC	Post Doc
Catarina Sim-Sim Pereira - IGC	PhD student
João Carlos Bento Marques	PhD Student

Cell Physiology and NMR

Helena Santos, Professor Catedrático

Teresa Catarino	Professor Auxiliar
Nuno Miguel Formiga Borges	Investigador Auxiliar
Pedro Miguel Lamosa António	Investigador Auxiliar
Luís Pedro Gafeira Gonçalves	Post Doc
Carla Jorge (colab. Julia Costa)	Post Doc
Paula Gaspar (colab. Ana Rute Neves)	Post Doc
Melida Carmem Noronha	Post Doc
Luís Lopes da Fonseca	Post Doc
Marta Viseu Rodrigues	PhD Student
Tiago Vasconcelos Duarte Moreira Pais	PhD Student
Ana Carvalho (cosup. Ana Rute Neves)	PhD Student
Ana Maria da Silva Esteves	PhD Student
Pedro Oliveira Quintas	PhD Student
Cristiana da Silva Faria	BI
Dusica Rados	BI
Márcia Santos Oliveira	BI
Ana Isabel MIngote	BI

Cell Signaling in *Drosophila*

Pedro Domingos, Investigador Auxiliar

Maria de Fátima Afonso Cairrão	Post Doc
Vanya Ivanova Rasheva	Post Doc
Dina Coelho	PhD Student
Gonçalo Poças	PhD Student
Rita Cristina Esperto Costa	BI
Nadine Simone Schweizer	BTI
Joana Mafalda Diogo Portela	BII

Control of Gene Expression

Cecília M. Arraiano, Investigador Principal com Agregação

Sandra Cristina de Oliveira Viegas	Post Doc
Susana Margarida L. Martins Domingues	Post Doc
José Eduardo Marques Andrade	Post Doc
Clémentine Dressaire	Post Doc
Michal Malecki	Post Doc
Ana Filipa de Melo Tadeu Pereira dos Reis	PhD Student
Inês de Jesus de Almeida e Silva	PhD Student
Inês Gabriel e Silva Batista e Guinote	PhD Student
Rute Margarida Gonçalves Matos	PhD Student
Vânia Sofia Fidalgo Pobre	PhD Student
Ricardo António Neves Moreira	PhD Student
Ana Margarida Teixeira Saramago	PhD Student
Joana da Silva Pissarra	BI
Andreia Aires	BI
Cátia Cláudia Bária da Silva	Master's Student

Glycobiology

Júlia Costa, Investigador Principal

Ricardo Jorge Martins Gouveia	Post Doc
Carla Jorge (colab. Julia Costa)	Post Doc
Cristina Isabel Caniço Escrevente	PhD Student
Rita Barreto Duarte Carrilho	BI
Fábio Manuel Marques Madeira	BI

Infection Biology

Luís Jaime Mota, Investigador Auxiliar

Maria Raposo da Cunha	PhD Student
Lia Dora David Domingues	PhD Student
Filipe Manuel Baeta da Silva Almeida	Master's Student/BI
Sara Raquel Vilela Pais	Master's Student
Rui Pedro Marcos Mauricio	BI
Sofia Vargas Nobre de Gusmão	Trainee
Victor Manuel Monteiro Borges	BI

Lactic Acid Bacteria & In Vivo NMR

Ana Rute Ramos Neves, Investigador Auxiliar

Paula Gaspar (cosup. Helena Santos)	Post Doc
Ana Carvalho (cosup. Helena Santos)	PhD Student
Sandra Costa Carvalho	PhD Student
Ana Laura M. dos Santos Seara Paixão	PhD Student
Ricardo Manuel Sequeira	BI
Ana Mafalda de Almeida Cavaleiro	BI

Microbial Development

Adriano O. Henriques, Professor Associado

Mónica Paula Fernandes Serrano Miranda	Post Doc
Teresa Parente M. Vasconcelos Costa	Post Doc
Tiago Joel Vultos Santos	Post Doc
Catarina Alexandra Gonçalves Fernandes	PhD Student
Cláudia Alexandra dos Reis Serra	PhD Student
Filipa Andreia Portugal Nunes	PhD Student
Maria de Fátima Cardoso Pereira	PhD Student
Maria Luísa Gouveia e Freitas Côrte	PhD Student
João Pedro Vieira Bota	Master's Student
Ana Margarida Oliveira Paiva	Master's Student
Mário José Rodrigues Ferreira	Master's Student
Carolina Piçarra Cassona	BI
Joana Cristina Pedro Rodrigues	BI

Molecular Genetics

Hermínia de Lencastre, Professor Catedrático

Ana Madalena de Drummond Ludovice	Professor Auxiliar
Maria Leopoldina Amorim Miragaia Ryder	Investigador Auxiliar
Rosario Mato Labajos	Investigador Auxiliar
Raquel de Sá Leão Domingues da Silva	Investigador Auxiliar
Susana Maria Lavado de Oliveira Gardete	Post Doc
Rita Gonçalves Sobral	Post Doc
Catarina Isabel Catarino Milheiro	Post Doc
Nuno Alexandre Gomes Faria	Post Doc
Ana Lopes Tavares	PhD Student
Nelson Emanuel da Silva Frazão	PhD Student
Sónia das Neves Nicolau Nunes Leitão	PhD Student
Teresa Carla de Almeida Figueiredo	PhD Student
Teresa Margarida Gomes da Conceição	PhD Student
Alexandra Sofia Oliveira Simões	PhD Student
Carina Alexandra Pereira Valente	PhD Student
Sónia Margarida Tavares Matos Almeida	BTI
Maria Inês Ramos Grilo	BI
Diana Sofia Pereira E. de Oliveira Costa	Master's Student
Emília Sofia Félix Fernandes	BI
Joana Rita Gonçalves Araújo Rolo	BI
Débora Alexandra Marques Tavares	BI
Raquel Pereira Portela	BI

Plant Sciences

Disease and Stress Biology

Ricardo Boavida Ferreira, Professor Catedrático ISA-UTL

Ana Cristina Ribeiro	Invited Researcher
Maria Cláudia Godinho Nunes Santos	Post Doc
José António Melo da Costa Nunes	Post Doc
Sara Alexandra Monteiro	Post Doc
Marta Alexandra Marques Alves	Post Doc
Lucélia Rodrigues Tavares	PhD Student
Paula Cristina Branco Cabrita Cunha	PhD Student
Alexandre Filipe Guerreiro Borges	PhD Student
Rui Carlos Soares Pimpão	PhD Student
Maria Paula Marinho Pinto	Colaboradora
Sofia Isabel Almeida Fortalezas	BI
Catarina Isabel Freitas da Fonseca	BI
Diana Leonor Constantino Macedo	Master's Student
Susana Filipa Cardoso Teixeira	Trainee
Inês Margarida Lourenço Figueira	Trainee

Forest Biotech

Célia Miguel, Investigador Auxiliar

Liliana Maria Bota Marum	Post Doc
José Javier de Vega-Bartol	Post Doc
Inês Chaves (colab. C. Pinto Ricardo)	Post Doc
Mariagrazia Tonelli	Post Doc
Andreia Miguel	PhD Student
Ana Filipa Gonçalves Milhinhos	PhD Student
Marta Andreia Horta Simões	PhD Student
Ana Maria Vieira Oliveira	BI
Raquen Raissa Santos	BI
Andreia Patrícia Valentim de Matos	BI
Andreia Sofia Santos Rodrigues	BI

Plant Biochemistry

Cândido Pinto Ricardo, Prof. Catedrático Jubilado ISA-UTL

Carla Maria Alexandre Pinheiro	Investigador Auxiliar
José António Pires Passarinho	Investigador INRB
Olívia Cruz de Matos	Invited Researcher
José Domingos Cochicho Ramalho	Invited Researcher
Ana Isabel Faria Ribeiro	Invest. Auxiliar ICT
Inês Chaves (colab. Célia Miguel)	Post Doc
Ana Sofia Correia Fortunato	Post Doc
João Miguel Vitorino Bento	BTI
Isa Catarina Monteiro Brás Ribeiro	BI

Plant Cell Biology

Rita Abranches, Investigador Auxiliar

Ana Sofia Pires	Post Doc
Sílvia Andreia Godinho Barquinha Tavares	Post Doc
Stefanie Nunes Rosa	PhD Student
Ana Isabel Braz Opinião	Master's Student
Ana Cláudia Nogueira	Master's Student
Ana Rita Basílio Santos	Master's Student

Plant Cell Biotechnology

Pedro Ferevereiro, Professor Auxiliar FCUL com Agregação ITQB

Maria Carlota Morais Cunha Vaz Patto	Investigador Auxiliar
Jorge Almiro Caldeira Pinto Paiva	Invited Researcher
Susana de Sousa Araújo	Invited Researcher
Changhe-He Zhang	Invited Researcher
Rita de Sousa Caré	Science Com. (CiB)
Cátia Maria de Jesus Nunes	PhD Student
Inês Garcia de Oliveira Trindade	PhD Student
Matilde Cordeiro	PhD Student
Silvana Coelho Cardoso	PhD Student
Nuno Felipe Alves de Almeida	PhD Student
Pedro Manuel Reis Mendes Moreira	PhD Student
Cláudio Francisco Soares Capitão	Master's Student
André Melão Alcantara	Master's Student
Leonor Alexandra da Silva Tomaz	BTI
Mara Lisa Vieira Alves	BI
Susana Murtinheira da Trindade Leitão	BI
Ana Sofia Amaral Duque	BI
Clara Susana Marques Graça	BI
Maria Joana Teixeira Pinto	BI
Victor João Taveira Carocha	Colaborator
Beatriz Margarida Ferreira Gomes	Trainee

Plant Cell Wall

Philip Jackson, Investigador Auxiliar

Luís Filipe Sanches Goulão	Investigador
Ada Doroteia Vatulescu	PhD Student

Plant Developmental Genetics

Jorge Almeida, Professor Associado ISA-UTL

Maria Lisete Galego Dias	Investigador Auxiliar
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Genomics of Plant Stress

Margarida Oliveira, Professor Associado com Agregação

Rita Maria Cruz de Campos Batista	Invited Researcher
Isabel Alexandra Aguiar de Abreu	Invited Researcher
Nelson José Madeira Saibo	Investigador Auxiliar
Ana Paula Leitão dos Santos	Post Doc
Ana Paula Farinha Resende	Post Doc
Sónia Sandra Cabrita Negrão	Post Doc
Tiago Filipe dos Santos Lourenço	Post Doc
Subhash Chander	Post Doc
Ana Margarida Lopes Santos	PhD Student
Ana Margarida Sarrilho Ferro	PhD Student
Duarte Dionísio Figueiredo	PhD Student
Inês Silva Pires	PhD Student
Milene Soares Costa	PhD Student
Pedro Miguel Rodrigues de Barros	PhD Student
Tânia Sofia Lobato Paulo Serra	PhD Student
Liliana de Jesus Duarte Ferreira	PhD Student
Maria Pina	PhD Student
Mafalda Alexandra Rodrigues	BTI
Tiago Miguel Caetano Dias Cruz	Master's Student
Nuno Gonçalves	Master's Student
André Miguel Henriques Cordeiro	BI
Helena Pires Sapeta	BI
Diego Melo Almeida	BI

Plant Molecular Ecophysiology

Manuela Chaves, Professor Catedrático Aposentado ISA-UTL

Alla Schwaleva	Post Doc
Ana Paula Martins Alves Ferreira Regalado	Post Doc
Olfa Zarrouk	Post Doc
Marta Pinto Maríjuan	Post Doc
Joaquim Miguel Costa	Post Doc
Rita Maria de Brito Francisco	PhD Student
Raquel do Vale	PhD Student
Ana Rita Leandro dos Santos	PhD Student
Nuno Miguel Lopes da Silva Santos Simões	BI

Technology

Analytical Chemistry

Luís Filipe Silva Castro Vilas Boas, Professor Associado IST

Maria do Rosário Beja F. G. Bronze, Professor Auxiliar FFUL

Maria Nubélia Bravo	PhD
Antero Augusto Ramos	Acessor
Carla Alexandra Lopes Graça	Lab Technician
Joana Margarida Rodrigues Antunes	Trainee
Telma Filipa da Silva Graça	Trainee

Stress by Antibiotics and Virulence of Enterococci

Fátima Lopes, Investigador Auxiliar

Paulo Emanuel de Oliveira Marujo	Invited Researcher
Tânia Catarino Ribeiro	PhD Student
Marta Maria Coelho dos Santos Abrantes	PhD Student
Teresa Braga	PhD Student
Renata Filipa Cruz de Matos	PhD Student
Neuza Prazeres Teixeira	PhD Student
Sofia Alexandra Muchacho Santos	Master's Student
Teresa Maria da Silva Tavares	Trainee

Applied and Environmental Mycology

Cristina Maria da Costa Silva Pereira, Investigador Auxiliar

Tiago Lopes Martins	Post Doc
Mariana Boavida Lopes Carvalho	PhD Student
Isabel Martins (cosup. Luís Paulo N. Rebelo)	PhD Student
Adélia Varela Castro	PhD Student
Helga Garcia (cosup. Luís Paulo N. Rebelo)	PhD Student
Rui Ferreira (cosup. Luís Paulo N. Rebelo)	PhD Student
Paula Cristina de Azevedo Alves	PhD Student
Diego de Oliveira Hartmann	PhD Student
Joana Pinto Magalhães de Medeiros	BI

Biomolecular Diagnostic

Abel Oliva, Investigador Auxiliar

Nashira Campos Vieira	Post Doc
Elisa Campos	PhD Student
Ana Raquel da Silva Santos	Master's Student
David Miguel Baião Barata	BI
Joana Monteiro de Campos	BI

Animal Cell Technology Unit Cell Bioprocesses

Paula M. Alves, Investigador Principal

Ana Catarina Ataíde Montes	Investigador Auxiliar
Helena de Araújo Vieira	Post Doc
Marco Patrone	Post Doc
Rute Almeida Ferreira Castro	Post Doc
Ana Carina Santos Ferreira da Silva	PhD Student
Ana Isabel Porém Amaral	PhD Student
Cláudia Queiroga	PhD Student
Maria Margarida Negrão Serra	PhD Student
Nuno Eduardo Buxo Carinhas	PhD Student
Sofia Margarida Leite	PhD Student
Ricardo Perdigão Henriques	PhD Student
Daniel Filipe Mestre Simão	Master's Student
Cláudia Susana Pedreira Correia	Master's Student
Marcos Filipe Quintino de Sousa	Graduate Technician
Carina Vieira Brilha	Technician
Inês Barros Ferreira da Costa	BTI
Tiago Martins da Costa Duarte	BI
Ana Sofia Cabral e Sousa de Almeida	BI
Francisca Sarreira Simões Horta Monteiro	BI
Paulo Fernandes	BI
João Miguel Nunes Vidigal	Trainee
Raquel Maria Azeitão Alves	Trainee

Animal Cell Technology Unit Cell Line Development and Molecular Biology

Ana Sofia Coroadinha, Investigador Auxiliar

Fabiana Carreira Fernandes	PhD Student
Ana Filipa Rodrigues	PhD Student
Miguel Ricardo Guerreiro	Master's Student
Vanessa Sofia Lúcio Bandeira	BI
Vanessa Isabel Ferreira Veríssimo	BI
Hélio Antunes Tomás	BI

Animal Cell Technology Unit Engineering Cellular Applications

Manuel J. T. Carrondo, Professor Catedrático FCT-UNL

Ana Margarida Palma Teixeira	Investigador Auxiliar
Cristina Maria da Costa Peixoto Lisboa	Research Technician
Rui Tostões	PhD Student (MIT)

Food Microbial Technology

Cidália Peres, Investigador Principal INRB

Cátia Maria Morgado Peres	Invited Researcher
Mohamed Abdel-Hamid Rabie	Post Doc
Adrian Hernandez Mendoza	Post Doc
Luísa Reis	Technician INRB
Luís Filipe Duarte Catulo	Technician INRB
Cláudia Lima Neves	Trainee
Liliana de Pinho Pinhal Ferraz Moreira	Trainee
Marta Sofia Alves	Trainee
Ana Laura Sanchez Carvajal	Trainee

Mass Spectrometry

Ana V. Coelho, Professor Auxiliar Convocado

Romana Lopes Almeida dos Santos	Invited Researcher
André Martinho de Almeida	Invited Researcher
Renata Filipe Soares	Investigador Auxiliar
Ricardo Jorge dos Anjos Gomes	Post Doc
Kamila Koci	Post Doc
Catarina de Matos Ferraz Franco	PhD Student
Rui Miguel Guerreiro Palhinhas	Master's Student
Ana Sofia de Figueiredo Rodrigues	BI
Ângela Maria Almeida Barreto	BI
Miguel André Lourenço da Luz Ventosa	BI
Conceição Almeida	Technician
Elisabete Andrade Alves Pires	Technician

Microbiology of Man-Made Environments

Teresa Crespo, Investigador Principal IBET

Maria Dulce de Azevedo Carneiro de Brito	Invited Researcher
Vanessa Ranhada Pinto Jorge Pereira	Post Doc
Gilda Sousa de Carvalho	Post Doc
Patrícia Rodrigues Noronha da Costa	Post Doc
Cristina Sofia Torres Matos	Post Doc
Cristina Isabel Tavares Pereira	PhD
Ana Filipa Correia Silva	PhD Student
Frédérique Bustos Gaspar	PhD Student
Bárbara Fonseca de Almeida	PhD Student
Paula Isabel Loução Lopes Alves	Technician
Rosalina Nunes Marques	BI
Marta Raquel Conchinha Marques	BI
Sandra Marisa Lourenço Sanches	BI
Ana Catarina Mendonça Dourado	Trainee

Molecular Thermodynamics

Luís Paulo N. Rebelo, Professor Catedrático

Isabel Maria Delgado Jana M. Ferreira	Investigador Auxiliar
José Manuel da Silva Simões Esperança	Investigador Auxiliar
Mara Guadalupe Freire Martins	Post Doc
Mohammad Tariq	Post Doc
Francisco Javier Deive Herva	Post Doc
Magdalena Kowacz	Post Doc
Ana Belén Pereiro Estévez	Post Doc
João Miguel Mendes de Araújo	Post Doc
Helena Veiga	Post Doc
Marija Petkovic (cosup. Cristina S. Pereira)	PhD Student
Helga Garcia (cosup. Cristina S. Pereira)	PhD Student
Isabel Martins (cosup. Cristina S. Pereira)	PhD Student
Rui Ferreira (cosup. Cristina S. Pereira)	PhD Student
Filipe Serrão Santos Oliveira	Master's Student
Mário Rui Costa Soromenho	BI
Sowmiah Subbiah	BI
Anabela de Jesus Lobo da Costa	BI
Diana Carolina Vaz Ruivo de Oliveira	BI

Nutraceuticals and Delivery

Catarina Duarte, Investigador Auxiliar

Ana Alexandra Figueiredo Matias	Post Doc
Ana Teresa de Carvalho Negrão Serra	Post Doc
Ana Vital Morgado Marques Nunes	Technician
Joana Margarida de Andrade Poejo	Master's Student
Sara Alexandra Luís Nunes	Master's Student
Agostinho M. dos Reis Carrondo Alexandre	BI
Ana Patrícia Correia de Almeida	BI
Dora Alexandra dos Santos Pereira	BI
Maria Lopes	BI
Ana Nunes Nunes	Trainee
Ana Catarina Jorge Semedo	Trainee

Pharmacokinetics and Biopharmaceutical Analysis

Ana L. Simplício, Investigador Auxiliar

Hugo Ortolá de Abreu e Serra	PhD Student
Joana Catarina Rocha Lamego	PhD Student
Alexandra Coitos Vitor	BI
Duarte Lima Martins	BI
Cristiana Carvalho Morais	BI
Bárbara Martins Paiva da Cunha	BI

Physiology of Environmental Conditioned Microbiota

Vitória San Romão, Investigador Coordenador INRB

Ana Paula Gomes Marques	PhD Student
Maria do Carmo Barreto Baptista Basilio	PhD Student
Beatriz Reis Oliveira	Master's Student
Ana Margarida Fonseca Flores Faia	Master's Student
Tânia Madeira (colab. Isabel Bento)	Master's Student
Cecília Gonçalves Simão	Trainee

Systems Biodynamics

Andreas Bohn, Investigador Auxiliar

Daniel Santa Cruz Damineli	PhD Student
Inês Azevedo Isidro	BI
Aleix Badia Bosch	BI

Jonas Almeida* collaborators

Maria Helena Fitcher de Deus	PhD Student
Sérgio Paulo Caetano Rodrigues	BI
Cândida Filipa Delgado	BI
Helen Andrade Arcuri	BI

** Invited Professor at ITQB*

Publication Facts

Most cited papers in the last 10 years

as per July 20th 2011

- 1 Oliveira D. C. and de Lencastre H. (2002). "Multiplex PCR strategy for rapid identification of structural types and variants of the *mec* element in methicillin-resistant *Staphylococcus aureus*." *Antimicrobial Agents and Chemotherapy* 46(7): 2155-2161.
Cit=558
- 2 Earle M. J., Esperanca J. M. S. S., Gilea M. A., Canongia Lopes J. N., Rebelo L. P. N., Magee J. W., Seddon K. R. and Widegren J. A. (2006). "The distillation and volatility of ionic liquids." *Nature* 439(7078): 831-834.
Cit=473
- 3 Plechkova N. V. and Seddon K. R. (2008). "Applications of ionic liquids in the chemical industry." *Chemical Society Reviews* 37(1): 123-150.
Cit=369
- 4 Chaves, M. M., J. P. Maroco and J. S. Pereira (2003). "Understanding plant responses to drought - from genes to the whole plant." *Functional Plant Biology* 30(3): 239-264.
Cit=366
- 5 Oliveira D. C., Tomasz A. and de Lencastre H. (2002). "Secrets of success of a human pathogen: molecular evolution of pandemic clones of methicillin-resistant *Staphylococcus aureus*." *Lancet Infectious Diseases* 2(3): 180-189.
Cit=241

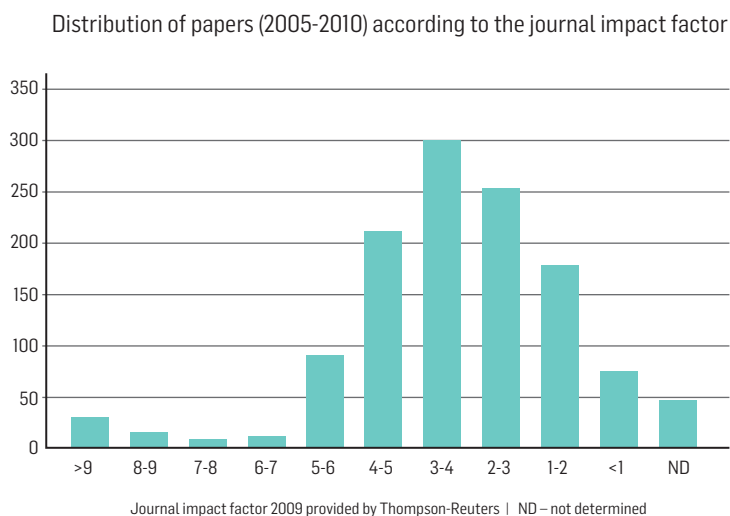
Highly cited papers (Thompson-Reuters)

Number of papers included in the Highly Cited Papers list by Essential Science IndicatorsSM (Thompson Reuters): top 1% of articles by total citations in each annual cohort from each of the 22 disciplines (updated as of May 1, 2011 to cover a 10-year + 2-month period, January 1, 2001-February 28, 2011)

- 1 Oliveira D. C. and de Lencastre H. (2002). "Multiplex PCR strategy for rapid identification of structural types and variants of the *mec* element in methicillin-resistant *Staphylococcus aureus*." *Antimicrobial Agents and Chemotherapy* 46(7): 2155-2161.
- 2 Earle M. J., Esperanca J. M. S. S., Gilea M. A., Canongia Lopes J. N., Rebelo L. P. N., Magee J. W., Seddon K. R. and Widegren J. A. (2006). "The distillation and volatility of ionic liquids." *Nature* 439(7078): 831-834.
- 3 Plechkova N. V. and Seddon K. R. (2008). "Applications of ionic liquids in the chemical industry." *Chemical Society Reviews* 37(1): 123-150.
- 4 Chaves, M. M., J. P. Maroco and J. S. Pereira (2003). "Understanding plant responses to drought - from genes to the whole plant." *Functional Plant Biology* 30(3): 239-264.
- 5 Oliveira D. C., Tomasz A. and de Lencastre H. (2002). "Secrets of success of a human pathogen: molecular evolution of pandemic clones of methicillin-resistant *Staphylococcus aureus*." *Lancet Infectious Diseases* 2(3): 180-189.
- 6 Chaves M. M., Pereira J. S., Maroco J., Rodrigues M. L., Ricardo C. P. P., Osorio M. L., Carvalho I., Faria T. and Pinheiro C. (2002). "How plants cope with water stress in the field. Photosynthesis and growth." *Annals of Botany* 89: 907-916.
- 7 Grundmann H., Aires-De-Sousa M., Boyce J. and Tiemersma E. (2006). "Emergence and resurgence of methicillin-resistant *Staphylococcus aureus* as a public-health threat." *Lancet* 368(9538): 874-885.
- 8 Rebelo, L. P. N., V. Najdanovic-Visak, Z. P. Visak, M. N. da Ponte, J. Szydlowski, C. A. Cerdeirina, J. Troncoso, L. Romani, J. M. S. S. Esperanca, H. J. R. Guedes and H. C. de Sousa (2004). "A detailed thermodynamic analysis of [C(4)mim][BF₄] plus water as a case study to model ionic liquid aqueous solutions." *Green Chemistry* 6(8): 369-381.
- 9 Pina, C., F. Pinto, J. A. Feijo and J. D. Becker (2005). "Gene family analysis of the Arabidopsis pollen transcriptome reveals biological implications for cell growth, division control, and gene expression regulation." *Plant Physiology* 138(2): 744-756.

- 10 Chaves, M. M. and M. M. Oliveira (2004). "Mechanisms underlying plant resilience to water deficits: prospects for water-saving agriculture." *Journal of Experimental Botany* 55(407): 2365-2384.
- 11 Vinga, S. and J. Almeida (2003). "Alignment-free sequence comparison - a review." *Bioinformatics* 19(4): 513-523.
- 12 Scheffers, D. J. and M. G. Pinho (2005). "Bacterial cell wall synthesis: New insights from localization studies." *Microbiology and Molecular Biology Reviews* 69(4): 585.
- 13 Santos L., Lopes J. N. C., Coutinho J. A. P., Esperanca J., Gomes L. R., Marrucho I. M. and Rebelo L. P. N. (2007). "Ionic liquids: First direct determination of their cohesive energy." *Journal of the American Chemical Society* 129(2): 284-285.
- 14 Mwangi M. M., Wu S. W., Zhou Y. J., Sieradzki K., de Lencastre H., Richardson P., Bruce D., Rubin E., Myers E., Siggia E. D. and Tomasz A. (2007). "Tracking the in vivo evolution of multidrug resistance in *Staphylococcus aureus* by whole-genome sequencing." *Proceedings of the National Academy of Sciences of the United States of America* 104(22): 9451-9456.
- 15 Lopes J. N. C., Gomes M. F. C. and Padua A. A. H. (2006). "Nonpolar, polar, and associating solutes in ionic liquids." *Journal of Physical Chemistry B* 110(34): 16816-16818.
- 16 Blesic M., Marques M. H., Plechkova N. V., Seddon K. R., Rebelo L. P. N. and Lopes A. (2007). "Self-aggregation of ionic liquids: micelle formation in aqueous solution." *Green Chemistry* 9(5): 481-490.
- 17 Chaves M. M., Flexas J. and Pinheiro C. (2009). "Photosynthesis under drought and salt stress: regulation mechanisms from whole plant to cell." *Annals of Botany* 103(4): 551-560.
- 18 Schaeffer D., Tsanova B., Barbas A., Reis F. P., Dastidar E. G., Sanchez-Rotunno M., Arraiano C. M. and van Hoof A. (2009). "The exosome contains domains with specific endoribonuclease, exoribonuclease and cytoplasmic mRNA decay activities." *Nature Structural & Molecular Biology* 16(1): 56-62.
- 19 Harris S. R., Feil E. J., Holden M. T. G., Quail M. A., Nickerson E. K., Chantratita N., Gardete S., Tavares A., Day N., Lindsay J. A., Edgeworth J. D., de Lencastre H., Parkhill J., Peacock S. J. and Bentley S. D. (2010). "Evolution of MRSA during hospital transmission and intercontinental spread." *Science* 327(5964): 469-474.
- 20 Tariq M., Forte P. A. S., Gomes M. F. C., Lopes J. N. C. and Rebelo L. P. N. (2009). "Densities and refractive indices of imidazolium- and phosphonium-based ionic liquids: Effect of temperature, alkyl chain length, and anion." *Journal of Chemical Thermodynamics* 41(6): 790-798.
- 21 Batista R., Saibo N., Lourenco T. and Oliveira M. M. (2008). "Microarray analyses reveal that plant mutagenesis may induce more transcriptomic changes than transgene insertion." *Proceedings of the National Academy of Sciences of the United States of America* 105(9): 3640-3645.
- 22 Freire M. G., Neves C., Silva A. M. S., Santos L., Marrucho I. M., Rebelo L. P. N., Shah J. K., Maginn E. J. and Coutinho J. A. P. (2010). "H-1 nmr and molecular dynamics evidence for an unexpected interaction on the origin of salting-in/salting-out phenomena." *Journal of Physical Chemistry B* 114(5): 2004-2014.

Papers and journal impact factor



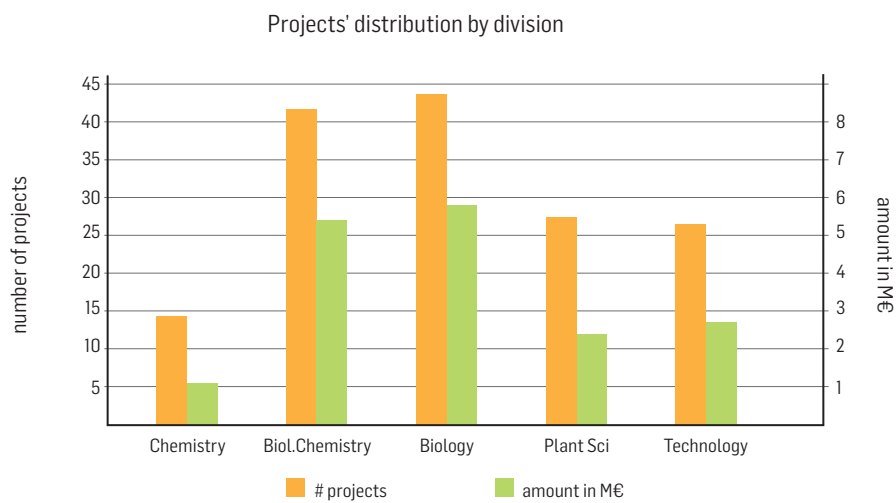
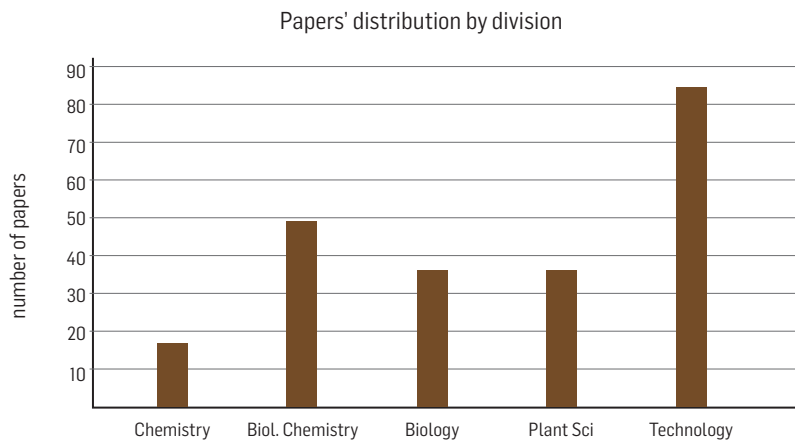
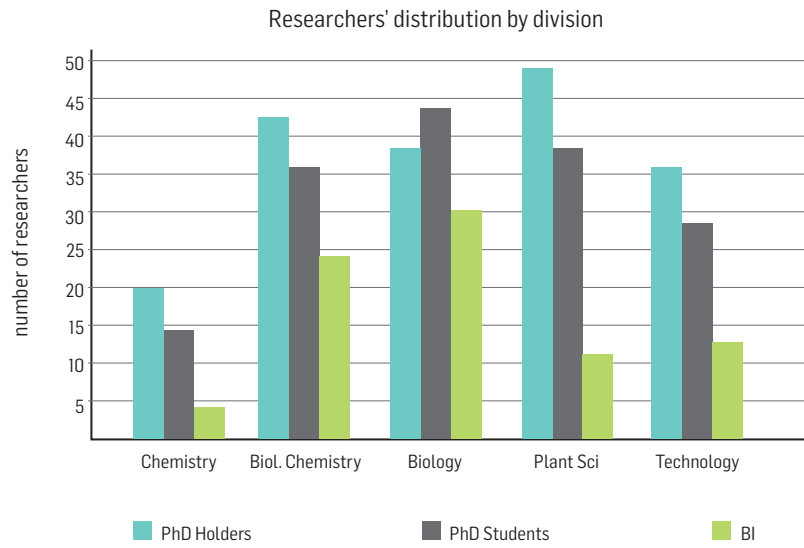
Journals with most articles in 2010

Journal	# papers	IF
Journal of Physical Chemistry B	18	3,471
Journal of Biological Chemistry	9	5,328
Acta Crystallographica F : Structural Biology and Crystallization Commun.	5	0,551
Journal of Bacteriology	5	3,940
Journal of Chemical and Engineering Data	5	1,695
Journal of Supercritical Fluids	5	2,639
Biochimica et Biophysica Acta Bioenergetics	4	3,688
Fluid Phase Equilibria	4	1,857
Journal of Biotechnology	4	2,881
PLoS ONE	4	4,351

List of 2010 journals ranked by impact factor

Journal	IF	# papers
Science	29.747	1
Coordin Chem Rev	11.225	1
FEMS Microbiol Rev	9.783	1
P Natl Acad Sci USA	9.432	2
Cancer Res	7.543	1
Free Radical Bio Med	6.081	1
New Phytol	6.033	1
Structure	5.904	1
Green Chem	5.836	3
BMC Biol	5.636	1

Research by Divisions



Project Coordination and Publications by Group

please refer to full list of publications and projects on the Annual Report 2010

Chemistry

Bioinorganic Chemistry and Peptide Design

Head: Olga Iranzo
Project Refs. 68; 111; 127; 145

Bioorganic Chemistry

Head: Rita Ventura

Colloids, Polymers and Surfaces

Head: António Lopes

Coordination and Supramolecular Chemistry

Head: Rita Delgado
Project Refs. 35; 49
Publication Refs. 35; 55; 107; 108; 117

Homogeneous Catalysis

Head: Beatriz Royo
Project Refs. 13; 70; 119
Publication Refs. 50; 99; 100

Micro-heterogeneous Systems

Head: Eurico Melo
Project Refs. 4; 56

Organic Synthesis

Head: Christopher Maycock
Project Refs. 133
Publication Refs. 155; 226

Organometallic Chemistry

Head: Carlos C. Romão
Publication Refs. 59; 66; 97; 98; 131; 135; 210

Single Molecule Processes

Head: Yann Astier
Project Refs. 75; 152

Biological Chemistry

Bacterial Energy Metabolism

Head: Inês A. Cardoso Pereira
Project Refs. 5; 25; 87; 103
Publication Refs. 89; 90; 92; 115; 116; 171; 212

Biological Energy Transduction

Metalloproteins and Bioenergetics Unit
Head: Manuela M. Pereira
Project Refs. 16; 17; 81; 82
Publication Refs. 15; 16; 39; 160; 161

Biomolecular NMR

Head: Manolis Matzapetakis
Publication Refs. 42

Genomics and Stress

Head: Claudina R. Pousada
Project Refs. 34; 112
Publication Refs. 167

Industry and Medicine Applied Crystallography

Macromolecular Crystallography Unit
Head: Pedro Matias
Project Refs. 9; 27
Publication Refs. 13; 85; 115; 152

Inorganic Biochemistry and NMR

Head: Ricardo O. Louro
Project Refs. 59; 65
Publication Refs. 15; 126; 143; 144

Membrane Protein Crystallography

Macromolecular Crystallography Unit
Head: Margarida Archer
Project Refs. 18; 101; 102; 140
Publication Refs. 26; 170; 199

Metalloenzymes and Molecular Bioenergetics

Metalloproteins and Bioenergetics Unit
Head: Miguel Teixeira
Project Refs. 20; 21; 80; 83; 100
Publication Refs. 13; 82; 133; 152; 154; 160; 161; 199

Microbial & Enzyme Technology

Head: Lígia O. Martins
Project Refs. 132
Publication Refs. 19; 39; 67

Molecular Genetics of Microbial Resistance

Head: Lígia M. Saraiva
Project Refs. 19; 66; 64
Publication Refs. 133; 152; 199; 217

Molecular Interactions and NMR

Head: Patrick Groves
Project Refs. 136
Publication Refs. 14; 61; 163

Molecular Simulation

Head: António M. Baptista
Project Refs. 84; 105; 109
Publication Refs. 30; 112; 138

Mössbauer Spectroscopy

Head: Filipe Tiago de Oliveira
Project Refs. 94

Protein Biochemistry Folding & Stability

Head: Cláudio M. Gomes
Project Refs. 7; 26
Publication Refs. 8; 25; 48; 77; 94; 95; 101; 168

Protein Modeling

Head: Cláudio M. Soares
Project Refs. 58
Publication Refs. 19; 67; 85; 112; 138

Raman Spectroscopy of Metalloproteins

Head: Smilja Todorovic
Project Refs. 14; 90
Publication Refs. 31; 37; 39; 67; 90; 116; 133; 193

Structural Biology

Macromolecular Crystallography Unit
Head: Carlos Frazão
Project Refs. 23; 113; 135
Publication Refs. 164; 165

Structural Genomics

Macromolecular Crystallography Unit
Head: Maria Arménia Carrondo
Project Refs. 6; 20; 80; 83
Publication Refs. 13; 19; 39; 152; 170; 175

Biology

Bacterial Cell Biology

Head: Mariana G. Pinho
Project Refs. 15; 22; 71; 72
Publication Refs. 12; 21; 145

Bacterial Cell Surfaces and Pathogenesis

Head: Sérgio R. Filipe
Project Refs. 10; 89
Publication Refs. 12

Bacterial Signaling

Head: Karina Xavier

Cell Physiology and NMR

Head: Helena Santos
Project Refs. 8; 29; 36; 43; 61; 122; 124; 156
Publication Refs. 24; 26; 37; 41; 42; 68; 85; 87; 121; 129; 134; 142; 178; 218; 221

Cell Signaling in Drosophila

Head: Pedro Domingos
Project Refs. 106; 108; 147

Control of Gene Expression

Head: Cecília M. Arraiano
Project Refs. 31; 85; 86; 96; 148
Publication Refs. 10; 11; 120

Glycobiology

Head: Júlia Costa
Project Refs. 57; 88
Publication Refs. 34; 52; 83; 86; 103; 222

Infection Biology

Head: Jaime Mota
Project Refs. 76; 146

Lactic Acid Bacteria & In Vivo NMR

Head: Ana Rute Neves
Project Refs. 79; 91
Publication Refs. 129; 218; 225

Microbial Development

Head: Adriano O. Henriques
Project Refs. 40; 60
Publication Refs. 157

Molecular Genetics

Head: Hermínia de Lencastre
Project Refs. 11; 30; 39; 67; 92; 137; 138; 141; 142; 143; 153; 154
Publication Refs. 2; 43; 72; 93; 194; 196; 201

Plant Sciences

Disease and Stress Biology

Head: Ricardo Ferreira
Project Refs. 24
Publication Refs. 17; 27; 40; 125; 202; 223; 227

Forest Biotech

Head: Célia Miguel
Project Refs. 134

Genomics of Plant Stress

Head: Margarida Oliveira
Project Refs. 12; 28; 73; 77; 93; 116; 125
Publication Refs. 1; 18; 102; 128

Plant Biochemistry

Head: Cândido Pinto Ricardo
Project Refs. 45; 121; 129
Publication Refs. 6; 65; 119; 151; 176

Plant Cell Biology

Head: Rita Abranches

Plant Cell Biotechnology

Head: Pedro Fevereiro
Project Refs. 1; 2; 3; 74; 78; 99; 144
Publication Refs. 45; 56; 57; 58; 76; 78; 132; 195; 207; 211; 226

Plant Cell Wall

Head: Phil Jackson

Plant Developmental Genetics

Head: Jorge Almeida
Project Refs. 115

Plant Molecular Ecophysiology

Head: Manuela Chaves

Project Refs. 42; 117; 118; 120; 123; 139

Publication Refs. 4; 38; 44; 88; 122; 123; 156; 188; 209

Technology

Analytical Chemistry

Head: Luis Filipe Vilas Boas & Maria Rosario Bronze

Publication Refs. 61; 64; 179; 180; 181; 192; 202

Stress by Antibiotics and Virulence of Enterococci

Head: Maria de Fatima Silva Lopes

Applied and Environmental Mycology

Head: Cristina Silva Pereira

Project Refs. 52; 155

Publication Refs. 80; 150

Biomolecular Diagnostics

Head: Abel Gonzalez Oliva

Project Refs. 63; 95

Publication Refs. 190; 191; 224; 4

Cell Bioprocesses

Animal Cell Technology Unit

Head: Paula M. Alves

Project Refs. 150

Publication Refs. 7; 22; 32; 46; 71; 79; 113; 118; 124; 158; 169; 182; 189; 213; 214; 215; 216

Cell Line Development and Molecular Biotechnology

Animal Cell Technology Unit

Head: Ana Sofia Coroadinha

Publication Refs. 46; 79

Engineering Cellular Applications

Animal Cell Technology Unit

Head: Manuel J. T. Carrondo

Publication Refs. 32; 124; 169; 182; 213; 214

Food Microbial Technology

Head: Cidalia Peres

Mass Spectrometry

Head: Ana V. Coelho

Project Refs. 41; 44; 51; 104; 114; 128

Publication Refs. 3; 4; 9; 16; 29; 51; 71; 84; 104; 105; 118; 192; 206

Microbiology of Man-made Environments

Head: Teresa Crespo

Publication Refs. 33; 137; 146; 173; 174

Molecular Thermodynamics

Head: Luís Paulo N. Rebelo

Project Refs. 33; 37; 47; 48; 53; 54; 107; 126; 130; 131; 149; 151

Publication Refs. 20; 23; 28; 36; 59; 62; 63; 73; 74; 75; 80; 106; 109; 110; 130; 139; 140; 147; 148; 149; 150; 172; 183; 184; 185; 186; 187; 197; 200; 203; 204; 208; 219; 220

Nutraceuticals and Controlled Delivery

Head: Catarina Duarte

Publication Refs. 53; 54; 64; 70; 81; 118; 136; 179; 180; 202

Pharmacokinetics and Biopharmaceutical Analysis

Head: Ana Luísa Simplício

Publication Refs. 127; 181; 205

Physiology of Environmentally Conditioned Microbiota

Head: Maria Vitória San Romão

Publication Refs. 114; 146

Systems Biodynamics

Head: Andreas Bohn

Project Refs. 32; 46; 62

Others

(former ITQB members)

Project Refs. 38; 50; 55; 69; 97; 98; 110

Publication Refs. 47; 49; 60; 69; 96; 111; 141; 153; 159; 162; 166; 177; 198

Internationalization 2010

Countries with which ITQB researchers collaborate (assessed by number of joint publications - total 121 papers)

With more than 20 papers

USA, Spain, Germany

Between 10-20 papers

England, France

Between 3-9 papers

Brazil; Sweden; Netherlands, Argentina; Northern Ireland; Scotland, Belgium

With two papers or less

Denmark; Czech Republic; Greece; India; Ireland; Israel; Italy; Japan; Poland; Serbia; Switzerland; Canada; Cyprus; Egypt; Finland; Hungary; Iceland; Morocco; Norway; Philippines; Romania; Slovenia; South Korea; Thailand; Turkey

Countries with which ITQB researchers collaborate (assessed by partnerships with international institutions in research projects)

Through FCT projects

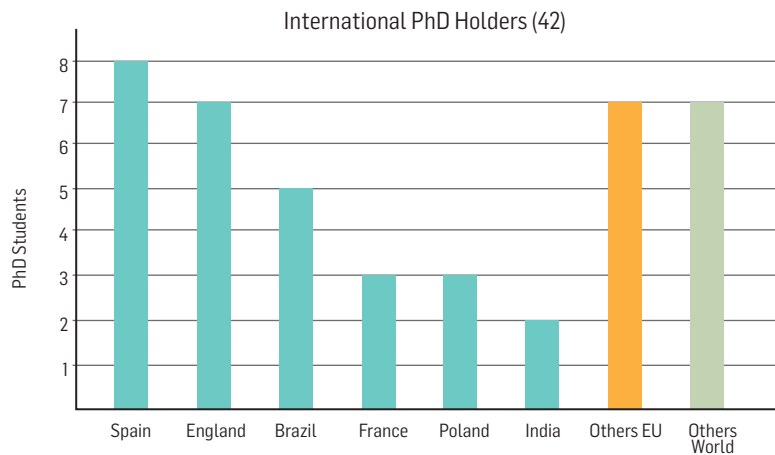
Argentina, Brazil, Germany (2), Spain, The Netherlands, UK (2), USA (1)

Through EU projects

Australia, Austria (2), Belgium (2), Denmark (4), Egypt, Ethiopia, Finland, France (8) Germany (10), Greece, Hungary, Iceland, Italy (8), Mali, Morocco, Netherlands (13), Poland (2), Spain (6), Sweden (2), Switzerland (5), Syria, Turkey, UK (15)

(#) - number of different research institutions in each country

Foreign researchers' (PhD holders) nationalities



Others (EU countries): Germany, Bulgaria, Greece, Ireland, Czech Republic, Italy, and Sweden

Others (World): China, Egypt, Yugoslavia, Mexico, Russia, and Tunisia



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Knowledge Creation

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