

## 1. General rules

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- 1.1. The object of this call for applications is the selection of NEW Trainee Research Staff (PIF) and Post-Doctoral Research Staff to join the UAB during academic year 2016-2017.
- 1.2. Teaching staff belonging to these categories whose contracts are in force on 31 August 2016 must **NOT** present an application within this process in order to renew their contracts.
- 1.3. This recruitment process is governed by Organic Law 6/2001, of 21 December, on universities (LOU) and Organic Law 4/2007, of 12 April, modifying Organic Law 6/2001, of 21 December, on universities (LOMLOU); Law 1/2003, of 19 February, on Universities in Catalonia, Law 14/2011, of 1 June, on Science, Technology and Innovation, the Statutes of the Universitat Autònoma de Barcelona approved by Decree 237/2003, of 8 October, of the Government of Catalonia (Generalitat), where these are applicable, and by all other applicable employment legislation.
- 1.4. Contracts will be of the employment type, for a fixed term and for full-time dedication.
- 1.5. The list of positions on offer is in annexe 1 of these regulations.

## 2. Elements of the contract

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### 2.1. Contract for a Pre-Doctoral Trainee Researcher:

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- 2.1.1. Object: research tasks within a specific project and teaching-support tasks, with the aim of completing the doctoral thesis.
- 2.1.2. Duration: maximum 3 years from the official starting date. An annual review will be conducted on the basis of a report from the academic committee of the doctoral programme, which, if unfavourable, could lead to the termination of the contract. Receiving the doctorate before the official end date could lead to the termination of the contract.
- 2.1.3. Working time: 37.5 hours per week.
- 2.1.4. Gross monthly salary (12 payments): €1,211.29 for 2016.

### 2.2. Contract for a Post-Doctoral Researcher:

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- 2.2.1. Object: research tasks and teaching tasks in the early stages of the post-doctoral period
- 2.2.2. Duration: one year, renewable annually up to a maximum of five years.
- 2.2.3. Working time: 37.5 hours per week.
- 2.2.4. Gross monthly salary (14 payments): €1,430.87 for 2016.

### **3. Requirements**

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#### **3.1. General requirements**

- 3.1.1. To meet the minimum age requirement under current regulations and be below retirement age.
- 3.1.2. To be free of any illness or physical and/or psychological limitation that is incompatible with performing the corresponding functions.
- 3.1.3. To be subject to no disciplinary investigation or final judgement that involves temporary or permanent disqualification from working in public administration.
- 3.1.4. Foreign citizens from countries outside the EU and those who cannot be included within the scope of international treaties established by the EU and ratified by Spain must possess a work and residence permit before signing the corresponding contracts.

#### **3.2. Specific requirements**

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##### **3.2.1. Trainee research staff**

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- 3.2.1.1. To provide proof of fulfilling the legal requirements for admission to a doctoral programme. Before signing the contract, trainee researchers must have been admitted to a doctoral programme at the UAB, and must submit the corresponding enrolment slip within a maximum of two months from the date of signing the contract. If this slip is not provided the contract will be automatically terminated.
- 3.2.1.2. Not to be in possession of a doctorate.

##### **3.2.2. Post-doctoral research staff**

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- 3.2.2.1. To be in possession of a doctorate. In the case of PhD certificates not issued by a Spanish university or not recognised in Spain, before the contract is signed these must be officially recognised as equivalent to official doctorates in Spain.

3.2.2.2. Not to be in possession of a doctorate from the Universitat Autònoma de Barcelona.

3.2.2.3. The start of the contract must not be any later than two years after obtaining the doctorate.

#### **4. Applications**

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4.1. All those wishing to apply for these positions must submit the corresponding online application form, which will be available on the UAB's website ([www.uab.es/concursospdj/](http://www.uab.es/concursospdj/)).

4.2. The period for submitting applications is ten days, counting from the day after publication of this announcement in the Official Gazette of the Government of Catalonia.

4.3. Those applying for more than one position must submit a separate application for each one.

4.4. Applicants must attach the following documents to the online application form, in PDF format.

4.4.1. Application to participate (see annexe 3), which by default should be signed digitally, unless this is made impossible by special circumstances.

4.4.2. Identity document.

4.4.3. Complete Curriculum Vitae (with no restrictions regarding format).

4.4.4. Official document certifying possession of the qualifications required for admission to the corresponding category.

4.4.5. In the case of trainee research staff, academic transcript of the bachelor's degree held.

#### **5. Selection**

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##### **5.1. Admission of applicants**

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5.1.1. At the end of the period for submitting applications, the departments will publish the provisional lists of selected and excluded applicants on their websites or notice boards, giving the reasons for exclusion in the case of excluded applicants, and giving the date when the definitive list will be published.

- 5.1.2. Applicants have ten days, counting from the day after publication of the provisional lists, to present an appeal to the department against exclusion.
- 5.1.3. At any time the university administration may, ex officio or at the request of one of the parties, amend any material, factual or arithmetic errors occurring in the process.
- 5.1.4. If, within the set period, those excluded do not amend the deficiencies that led to the exclusion in each case, this exclusion will become definitive.
- 5.1.5. The definitive lists will be published on the date given in the provisional lists, using the same media and on the UAB website.
- 5.1.6. Pursuant to article 59.6 of Law 30/1992, of 26 November, on the legal regime for public administrations and common public administrative procedure, on publication of the resolutions in the above media the interested parties will be considered to have been given sufficient notice.

## 5.2. Selection committee

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- 5.2.1. Committees will be made up of three full-time PhD-holding lecturers. Three substitutes will be appointed. The members of each committee are listed in annexe 2 of this notice.
- 5.2.2. The Committee's internal rules will conform to the provisions of Law 26/2010, of 3 August, on the legal and procedural regime of public administration in Catalonia.

## 5.3. Selection procedure

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- 5.3.1. For each position offered the selection committee must apply at least five of the following ten selection criteria, using the scoring system it has stipulated.
- 5.3.1.1. Academic transcript
  - 5.3.1.2. Master's degrees obtained
  - 5.3.1.3. Professional experience
  - 5.3.1.4. Research
  - 5.3.1.5. Publications
  - 5.3.1.6. Papers presented
  - 5.3.1.7. Conferences
  - 5.3.1.8. Knowledge of languages
  - 5.3.1.9. Interview
  - 5.3.1.10. Other

5.3.2. Having assessed each applicant, the committee will draw up a rank-ordered list of applicants in accordance with the profiles, requirements to be met and set criteria, and will propose offering the contract to the highest-ranked applicant. If none of the applicants is considered suitable the recruitment process will be declared null and void.

## **6. Resolution on the recruitment process and contract signing.**

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- 6.1. The selection committee will submit its proposal to the Rector, who will issue the corresponding resolution awarding the contract to the most suitable applicant, who will then have to subscribe to the contract.
- 6.2. In order to facilitate the signing process and reduce paperwork, contracts must, by default, be signed digitally. If a digital signature is made impossible by special circumstances, this will be given consideration on a case-by-case basis.

**ANNEXE 1**

**Trainee research staff positions**

Department of Computer Architecture and Operating Systems	4
Department of Cellular Biology, Physiology and Immunology	5
Department of Biochemistry and Molecular Biology	8
Department of Political Science and Public Law	1
Department of Computer Science	2
Department of Audiovisual Communication and Advertising	1
Department of Teaching of Musical, Artistic and Corporal Expression	1
Department of Private Law	1
Department of Spanish	1
Department of Philosophy	1
Department of Physics	5
Department of Genetics and Microbiology	8
Department of Geology	1
Department of Mathematics	3
Department of Microelectronics and Electronic Systems	3
Department of Chemistry	13
Department of Telecommunications and Systems Engineering	4
Department of Applied Economics	1
Department of Economics and Economic History	2
Department of Business	2
Department of Information and Communications Engineering	3
Department of Electronic Engineering	4
Department of Chemical, Biological and Environmental Engineering	5
Total	79

**Post-doctoral research positions**

Department of Economics and Economic History	2
Department of Cellular Biology, Physiology and Immunology	1
Department of Systematic and Social Pedagogy	2
Department of Chemistry	2
Total	7

## ANNEXE 2

### Selection committees for trainee research staff positions

Department:	<b>Department of Computer Architecture and Operating Systems</b>
Reference:	18845/1 18845/2 18845/3
Number of positions:	3
Notes:	Starting date: 01/09/2016
Profile:	1 - Analysis and automatic and dynamic tuning of parallel applications: tools and methodologies 2 - Parallel computing applied to model simulation 3 - High-performance computing applied to Bioinformatics
President:	Eduardo Cesar Galobardes
Secretary:	Anna Sikora
Member:	Joan Sorribes Gomis
Substitute 1:	Miquel Angel Senar Rosell
Substitute 2:	Juan Carlos Moure López
Substitute 3:	Porfidio Hernández Budé

Department:	<b>Department of Computer Architecture and Operating Systems</b>
Reference:	18845/4
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	High-performance simulation for models based on agents
President:	Remo Suppi Boldrito
Secretary:	Emilio Luque Fadón
Member:	Daniel Franco Puntos
Substitute 1:	Dolores I. Réxachs del Rosario
Substitute 2:	Miquel Angel Senar Rosell
Substitute 3:	Eduardo Cesar Galobardes

Department:	<b>Department of Cellular Biology, Physiology and Immunology</b>
Reference:	19430/1
Number of positions:	1
Notes:	Starting date: 01/9/2016
Profile:	Cell Biology and Medical Genetics
President:	Jordi Benet Català
Secretary:	Joaquima Navarro Ferreté
Member:	Immaculada Ponsa Arjona



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 DOCTORAL RESEARCH STAFF FOR ACADEMIC YEAR  
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Substitute 1:	M.Angels Rigola Tor
Substitute 2:	Carme Fuster Marqués
Substitute 3:	Vicenç Català Cahís

Department:	<b>Department of Cellular Biology, Physiology and Immunology</b>
Reference:	19437
Number of positions:	1
Notes:	Starting date: 01/03/2017
Profile:	Medical Physiology
President:	Xavier Navarro Acebes
Secretary:	Montserrat Solanas Garcia
Member:	Raquel Moral Cabrera
Substitute 1:	Catalina Casas Louzao
Substitute 2:	Eduard Escrich Escriche
Substitute 3:	Ruben López Vales

Department:	<b>Department of Cellular Biology, Physiology and Immunology</b>
Reference:	19430 / 2
Number of positions:	1
Notes:	Starting date: 01/03/2017
Profile:	Cytology-Histology
President:	Joaquim Martí Clua
Secretary:	Aurora Ruiz-Herrera Moreno
Member:	Ignasi Roig Navarro
Substitute 1:	Jose Pablo Hervás Sánchez
Substitute 2:	Mari Carmen Santa-Cruz Aleman
Substitute 3:	Ana Sierra Martin

Department:	<b>Department of Cellular Biology, Physiology and Immunology</b>
Reference:	19430/3 - 19431
Number of positions:	2
Notes:	Starting date: 01/03/2017
Profile:	Medical Histology
President:	Berta González de Mingo
Secretary:	Bernardo Castellano López
Member:	Gemma Manich Reventos
Substitute 1:	Beatriz Almolda Ardid
Substitute 2:	Filip Petkovic

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Substitute 3:	Xavier Navarro Acebes
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Department:	<b>Department of Biochemistry and Molecular Biology</b>
Reference:	19612/1 19612/2 19612/3 19612/4 19612/5 19612/6
Number of positions:	6
Notes:	Starting date: 1 position (03/10/2016), 1 position (07/10/2016), 1 position (25/02/2017) and 3 positions (01/03/2017)
Profile:	Biochemistry and Molecular Biology
President:	Enrique Querol Murillo
Secretary:	Sandra Villegas Hernández
Member:	Maria Plana Coll
Substitute 1:	Ester Boix Borrás
Substitute 2:	Francesc-Xavier Avilés Puigvert
Substitute 3:	Jaume Piñol Ribas

Department:	<b>Department of Biochemistry and Molecular Biology</b>
Reference:	19612/7
Number of positions:	1
Notes:	Starting date: 01/11/2016
Profile:	Biochemistry and Molecular Biology. Veterinary Science teaching
President:	Néstor Gómez Trias
Secretary:	Anna Bassols Teixido
Member:	Joaquín Ariño Carmona
Substitute 1:	Fàtima Bosch Tubert
Substitute 2:	Virginia Haurigot
Substitute 3:	Jose Miguel Lizcano de Vega

Department:	<b>Department of Biochemistry and Molecular Biology</b>
Reference:	19612/8
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Biochemistry and Molecular Biology
President:	Mercedes Unzeta López
Secretary:	Jose Ramón Bayascas Ramirez
Member:	Jose Rodríguez Álvarez
Substitute 1:	Fernando Picatoste Ramon
Substitute 2:	Josefa Sabrià Pau
Substitute 3:	Jose Miguel Lizcano de Vega

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Department:	<b>Department of Political Science and Public Law</b>
Reference:	19709
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Political Science and Administration
President:	Xavier Ballart Hernández
Secretary:	Eva Anduiza Perea
Member:	Núria Font Borrás
Substitute 1:	Alex Casademunt Monfort
Substitute 2:	Raquel Gallego Calderón
Substitute 3:	Margarita León Ramón Borja

Department:	<b>Department of Computer Science</b>
Reference:	19513/1
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Computer vision for autonomous driving
President:	Ernest Valveny Llobet
Secretary:	Fernando Vilariño Freire
Member:	Joan Serrat Gual
Substitute 1:	Josep Lladós Canet
Substitute 2:	Ramon Baldrich Casellas
Substitute 3:	Jordi González Sabate

Department:	<b>Department of Computer Science</b>
Reference:	19513/2
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Computer vision. Document Image Analysis and Recognition
President:	Ernest Valveny Llobet
Secretary:	Fernando Vilariño Freire
Member:	Josep Lladós Canet
Substitute 1:	Joan Serrat Gual
Substitute 2:	Ramon Baldrich Casellas
Substitute 3:	Jordi González Sabate

Department:	<b>Department of Audiovisual Communication and Advertising</b>
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Reference:	19560
Number of positions:	1
Notes	Starting date: 10/10/2016
Profile:	Audiovisual Communication and Advertising
President:	Maria E. Gutiérrez Garcia
Secretary:	Natividad Ramajo Hernández
Member:	Rosa Franquet
Substitute 1:	Emili Prado Picó
Substitute 2:	Ana Ullod Pujol
Substitute 3:	Emilio Fernández Peña

Department:	<b>Department of Teaching of Musical, Artistic and Corporal Expression</b>
Reference:	19060
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	<p>Psychomotor education in early childhood education centres (mandatory subject 4th year bachelor's degree in Early Childhood Education)</p> <p>Practicums of the bachelor's degree in Early Childhood Education (mandatory subjects 2nd, 3rd and 4th year in the bachelor's degree in Early Childhood Education)</p>
President:	Montserrat Antón Rosera
Secretary:	Lurdes Martínez Mínguez
Member:	Tomás Peire Fernández
Substitute 1:	Maria Prat Grau
Substitute 2:	Joan Estrada Aguilar
Substitute 3:	Pere Godall Castell

Department:	<b>Department of Private Law</b>
Reference:	18926
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Commercial law. Maritime law
President:	Dr Jorge Miquel Rodríguez
Secretary:	Dr Eliseo Sierra Noguero
Member:	Dr Teresa Freixes Sanjuán
Substitute 1:	Dr Núria Reynal Querol
Substitute 2:	Dr Francisco Mercadal Vidal

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Substitute 3:	Dr Míriam Cugat Mauri
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Department:	<b>Department of Spanish</b>
Reference:	19707
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Spanish language and literature
President:	Josep Maria Brucart Marracó
Secretary:	Montserrat Amores García
Member:	Gloria Claveria Nadal
Substitute 1:	Maria Hernanz Carbó
Substitute 2:	Juan Rodríguez Rodríguez
Substitute 3:	Carlos Sánchez Lancis

Department:	<b>Department of Philosophy</b>
Reference:	19088
Number of positions:	1
Notes:	Starting date: 07/10/2016
Profile:	Philosophy
President:	Daniel Gamper Sachse
Secretary:	Olga Fernández Prat
Member:	Jesús Hernández Reynés
Substitute 1:	Anna Estany Profitós
Substitute 2:	Marta Tafalla González
Substitute 3:	Begonya Sáez Tajafuerce

Department:	<b>Department of Physics</b>
Reference:	19243/1 19243/2
Number of positions:	2
Notes:	Starting date: 01/09/2016
Profile:	Optics (Physics)
President:	Santiago Suriñach Cornet
Secretary:	Verònica Ahufinger Breto
Member:	Ramón Vilaseca Alavedra
Substitute 1:	Rafel Escribano Carrascosa
Substitute 2:	Jordi Mompert Penina
Substitute 3:	Crina Cojocar

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Department:	<b>Department of Physics</b>
Reference:	19244/1
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Physics of radiations and matter
President:	Santiago Suriñach Cornet
Secretary:	Lluís Font Guiteras
Member:	Xavier Domenech Antunez
Substitute 1:	Rafel Escribano Carrascosa
Substitute 2:	Jordi Garcia Orellana
Substitute 3:	Iluminada Gallardo Garcia

Department:	<b>Department of Physics</b>
Reference:	19244 / 2
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Electromagnetism and Electromagnetism Laboratory (Physics)
President:	Santiago Suriñach Cornet
Secretary:	Àlvar Sánchez Moreno
Member:	Nuria Barniol Beumala
Substitute 1:	Rafel Escribano Carrascosa
Substitute 2:	Carles Navau Ros
Substitute 3:	Anna Palau Masoliver (ICMAB)

Department:	<b>Department of Physics</b>
Reference:	19245
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Materials science (Chemical Engineering)
President:	Santiago Suriñach Cornet
Secretary:	Eva Pellicer Vilà
Member:	Juan Francesc Piniella Febrer
Substitute 1:	Rafel Escribano Carrascosa
Substitute 2:	Maria Dolors Baró Mariné
Substitute 3:	Xavier Domenech Antunez

Department:	<b>Department of Genetics and Microbiology</b>
Reference:	19526/1

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Number of positions:	1
Notes:	Starting date: 11/02/2017
Profile:	Molecular microbiology
President:	Jordi Surrallés Calonge
Secretary:	Jordi Barbé Garcia
Member:	Susana Campoy Sánchez
Substitute 1:	Alba Hernández Bonilla
Substitute 2:	Esther Julián Gómez
Substitute 3:	Montserrat Llagostera Cases

Department:	<b>Department of Genetics and Microbiology</b>
Reference:	19526/2
Number of positions:	1
Notes:	Starting date: 11/02/2017
Profile:	Development of microbial biosensors
President:	Jordi Surrallés Calonge
Secretary:	Jordi Barbé Garcia
Member:	Jordi Mas Gordi
Substitute 1:	Alba Hernández Bonilla
Substitute 2:	Esther Julián Gómez
Substitute 3:	Olga Sánchez Martínez

Department:	<b>Department of Genetics and Microbiology</b>
Reference:	19526/3
Number of positions:	1
Notes:	Starting date: 11/02/2017
Profile:	Isolation and identification of microorganisms from extreme environments with metal bioremediation capacity
President:	Jordi Surrallés Calonge
Secretary:	Jordi Barbé Garcia
Member:	Antoni Solé
Substitute 1:	Alba Hernández Bonilla
Substitute 2:	Esther Julián Gómez
Substitute 3:	Isabel Esteve Martinez

Department:	<b>Department of Genetics and Microbiology</b>
Reference:	19526/4
Number of positions:	1

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Notes:	Starting date: 11/02/2017
Profile:	Nanostructured biomaterials based on recombinant proteins.
President:	Jordi Surrallés Calonge
Secretary:	Jordi Barbé Garcia
Member:	Antoni Villaverde Corrales
Substitute 1:	Alba Hernández Bonilla
Substitute 2:	Esther Julián Gómez
Substitute 3:	Neus Ferrer Miralles

Department:	<b>Department of Genetics and Microbiology</b>
Reference:	19527
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Bacterial pathogenesis and antimicrobials
President:	Jordi Surrallés Calonge
Secretary:	Jordi Barbé Garcia
Member:	Isidre Gibert Gonzalez
Substitute 1:	Alba Hernández Bonilla
Substitute 2:	Esther Julián Gómez
Substitute 3:	Neus Ferrer Miralles

Department:	<b>Department of Genetics and Microbiology</b>
Reference:	19538/1 19538/2
Number of positions:	2
Notes:	Starting date: 11/02/2017
Profile:	1 - Human genetics and DNA repair 2 - Carcinogenesis of nanomaterials
President:	Jordi Surrallés Calonge
Secretary:	Jordi Barbé Garcia
Member:	Ricard Marcos Dauder
Substitute 1:	Alba Hernández Bonilla
Substitute 2:	Esther Julián Gómez
Substitute 3:	Amadeu Creus Capdevila

Department:	<b>Department of Genetics and Microbiology</b>
Reference:	19538/3
Number of positions:	1
Notes:	Starting date: 13/02/2017



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Profile:	Genomics and evolution
President:	Jordi Surrallés Calonge
Secretary:	Jordi Barbé Garcia
Member:	Mario Cáceres Aguilar
Substitute 1:	Alba Hernández Bonilla
Substitute 2:	Esther Julián Gómez
Substitute 3:	Antonio Barbadilla Prados

Department:	<b>Department of Geology</b>
Reference:	18438
Number of positions:	1
Notes:	Starting date: 08/10/2016
Profile:	Stratigraphy
President:	Rita Estrada Aliberas
Secretary:	Eugènia Estop Graells
Member:	David Gómez Gras
Substitute 1:	Joan Francesc Piniella Febrer
Substitute 2:	Enric Vicens Batet
Substitute 3:	Antonio Teixell Cácharo

Department:	<b>Department of Mathematics</b>
Reference:	19006/1 19006/2 19006/3
Number of positions:	3
Notes:	Starting date: 01/09/2016
Profile:	General Mathematics
President:	Àngel Calsina Ballesta
Secretary:	José González Llorente
Member:	Pere Ara Bertran
Substitute 1:	Warren Dicks McLay
Substitute 2:	Jaume Agudé Bover
Substitute 3:	Frederic Utzet Civit

Department:	<b>Department of Microelectronics and Electronic Systems</b>
Reference:	21403
Number of positions:	1
Notes:	Starting date: 01/02/2017
Profile:	Multi-robot control systems, including cooperative, context-aware navigation.

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President:	Lluís Ribas Xirgo
Secretary:	Jordi Aguiló Llobet
Member:	Jordi Carrabina Bordoll
Substitute 1:	Antoni Josep Velasco González
Substitute 2:	Carles Ferrer Ramis
Substitute 3:	Marta Prim Sabrià

Department:	<b>Department of Microelectronics and Electronic Systems</b>
Reference:	19417
Number of positions:	1
Notes:	Starting date: 01/10/2016
Profile:	Reconfigurable Architectures using EHPC (Embedded High Performance Computing) for Autonomous Vehicles applications.
President:	Jordi Carrabina Bordoll
Secretary:	Lluís Ribas Xirgo
Member:	Jordi Aguiló Llobet
Substitute 1:	Antoni Josep Velasco González
Substitute 2:	Carles Ferrer Ramis
Substitute 3:	Marta Prim Sabrià

Department:	<b>Department of Microelectronics and Electronic Systems</b>
Reference:	19418
Number of positions:	1
Notes:	Starting date: 01/11/2016
Profile:	<p>Electronics or telecommunications engineer (consideration also given to computer engineers or industrial engineers)</p> <p>with proven knowledge of data processing tools (machine learning, big data) and biomedicine to join a multidisciplinary research group working on non-invasive data acquisition and development of predictive models in neurological and degenerative diseases,</p> <p>or alternatively</p> <p>with knowledge of heterogeneous integration (More than Moore), co-design of MEMs and low-power digital circuits and rapid 3D prototyping, to work on the design, manufacture and characterisation of a touch-screen based on thermoelectric actuators.</p>

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President:	Jordi Aguiló Llobet
Secretary:	Jordi Carrabina Bordoll
Member:	Lluís Ribas Xirgo
Substitute 1:	Antoni Josep Velasco González
Substitute 2:	Carles Ferrer Ramis
Substitute 3:	Marta Prim Sabrià

Department:	<b>Department of Chemistry</b>
Reference:	19036
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Organic Chemistry: Nanomaterials for applications in catalysis
President:	Rosa M. Ortuño Mingarro
Secretary:	Jordi Garcia-Anton Aviñó
Member:	Carles Jaime Cardiel
Substitute 1:	Jordi Gené Torrabadella
Substitute 2:	Mariona Sodupe Roure
Substitute 3:	Jordi Marquet Cortés

Department:	<b>Department of Chemistry</b>
Reference:	19032/1 19032/2 19032/3 19032/4 19032/5
Number of positions:	5
Notes:	Starting date: 01/09/2016
Profile:	1 - Inorganic Chemistry. Synthesis of nanoparticles of mixed oxides 2 - Inorganic Chemistry. Porous materials, Synthesis, characterisation and applications of MOFs, PACs and MPMs 3 - Inorganic Chemistry. Hybrid nanocatalysts for generation of renewable energy. 4 - Inorganic Chemistry. Synthesis and characterisation of metal-ligand systems for homogeneous catalysis 5 - Inorganic Chemistry. Synthesis and characterisation of fluorinated polymers
President:	Rosa M. Ortuño Mingarro
Secretary:	Jordi Garcia-Anton Aviñó
Member:	Roger Bofill Arasa
Substitute 1:	Jordi Gené Torrabadella
Substitute 2:	Mariona Sodupe Roure
Substitute 3:	Joan Pau Bayón Rueda

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Department:	<b>Department of Chemistry</b>
Reference:	19027/1 19027/2 19027/3 19027/4
Number of positions:	4
Notes:	Starting date: 01/09/2016
Profile:	1 - Physical Chemistry. Electrochemistry 2, 3, 4 - Physical Chemistry. Computational Chemistry
President:	Rosa M. Ortuño Mingarro
Secretary:	Jordi Garcia-Anton Aviñó
Member:	Gonzalo Guirado López
Substitute 1:	Jordi Gené Torrabadella
Substitute 2:	Mariona Sodupe Roure
Substitute 3:	Xavier Solans Monfort

Department:	<b>Department of Chemistry</b>
Reference:	18941/1 18941/2 18941/3
Number of positions:	3
Notes:	Starting date: 01/09/2016
Profile:	1 - Analytic Chemistry. Refinement and characterisation of pyrolysis liquids 2 - Analytic Chemistry. Impedimetric aptasensors 3 - Analytic Chemistry. Spectroscopy techniques and synchrotron
President:	Rosa M. Ortuño Mingarro
Secretary:	Jordi Garcia-Anton Aviñó
Member:	Isabel Pividor Gurgo
Substitute 1:	Jordi Gené Torrabadella
Substitute 2:	Mariona Sodupe Roure
Substitute 3:	Maria del Mar Baeza Labat

Department:	<b>Department of Telecommunications and Systems Engineering</b>
Reference:	20019
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Logistics and aeronautics
President:	Miquel A. Piera i Eroles
Secretary:	Romualdo Moreno Ortiz
Member:	Juan José Ramos González
Substitute 1:	José López Vicario
Substitute 2:	Gonzalo Seco Granados

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Substitute 3:	Mercedes E. Narciso Farias
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Department:	<b>Department of Telecommunications and Systems Engineering</b>
Reference:	20020/1 20020/2 20020/3
Number of positions:	3
Notes:	Starting date: 01/09/2016
Profile:	1 - Signal Theory and Communications-Data Processing 2 - Computer scientist specialising in GPU and CUDA 3 - Telecommunications engineering: Signal theory and communications
President:	Ramon Vilanova Arbós
Secretary:	Jose López Vicario
Member:	Pedro Antonio de Paco Sánchez
Substitute 1:	Javier Serrano García
Substitute 2:	Antoni Morell Pérez
Substitute 3:	Gary Junkin

Department:	<b>Department of Applied Economics</b>
Reference:	19903
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	International Economy/ Public-Sector Economy/ Economic Policy / Spanish Economy
President:	Emilio Padilla Rosa
Secretary:	Rosella Nicolini
Member:	Francesc Trillas Jané
Substitute 1:	Javier Asensio Ruiz de Alda
Substitute 2:	Miquel Àngel Garcia López
Substitute 3:	Jordi Perdiguero Garcia

Department:	<b>Department of Economics and Economic History</b>
Reference:	19533/1 19533/2
Number of positions:	2
Notes:	Starting date: 01/09/2016
Profile:	Mathematics, Statistics, Business Economics, Introduction to Economics, Microeconomics, Macroeconomics
President:	Xavier Martínez Giralt
Secretary:	Susanna Esteban Tavera
Member:	Luca Gambetti

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Substitute 1:	Jordi Caballé Vilella
Substitute 2:	Inés Macho Stadler
Substitute 3:	David Pérez Castrillo

Department:	<b>Department of Business</b>
Reference:	19235
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Business Organisation
President:	Magda Solà Tey
Secretary:	Josep Rialp Criado
Member:	Victor Giménez García
Substitute 1:	Carles Solà Belda
Substitute 2:	Joan Lluís Capelleras Segura
Substitute 3:	Alex Rialp Criado

Department:	<b>Department of Business</b>
Reference:	21212
Number of positions:	1
Notes:	Starting date: 01/03/2017
Profile:	Business Economics
President:	Magda Solà Tey
Secretary:	Miguel Angel García Cestona
Member:	Pere Ortín Angel
Substitute 1:	Carles Solà Belda
Substitute 2:	Emili Grifell Tatjé
Substitute 3:	Esteve Van Hemmen Almazor

Department:	<b>Department of Information and Communications Engineering</b>
Reference:	19229 (1) / 19231 (2) / 19233 (3)
Number of positions:	3
Notes:	Starting date: (1) 05/06/2017 (2) 11/02/2017 (3) 01/10/2016
Profile:	1 - Theory of Codes and Combinatorial Theory 2 - Data compression 3 - Applications and security in opportunistic networks
President:	Joan Borrell Viader
Secretary:	Joan Serra Sagristà
Member:	Josep Rifà Coma

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Substitute 1:	Sergi Robles Martínez
Substitute 2:	Francesc Aulí Llinàs
Substitute 3:	Mercè Villanueva Gay

Department:	<b>Department of Electronic Engineering</b>
Reference:	19414/1 19414/2 19414/3
Number of positions:	3
Notes:	Starting date: 01/09/2016
Profile:	1 - Classical and quantum transport of load and heat carriers in nanoelectronic devices 2 - Physical simulation of nanoelectronic devices 3 - Characterisation and modelling of advanced memory devices
President:	Xavier Oriols Pladevall
Secretary:	Xavier Cartoixà Soler
Member:	Enrique Miranda Castellano
Substitute 1:	David Jiménez Jiménez
Substitute 2:	Rosana Rodríguez Martínez
Substitute 3:	Gabriel Abadal Berini

Department:	<b>Department of Electronic Engineering</b>
Reference:	19415
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Reliability of electronic devices and circuits
President:	Xavier Aymerich Humet
Secretary:	Javier Martín Martínez
Member:	Marc Porti Pujal
Substitute 1:	Ferran Martín Antolín
Substitute 2:	Albert Crespo Yepes
Substitute 3:	Rosana Rodríguez Martínez

Department:	<b>Department of Chemical, Biological and Environmental Engineering</b>
Reference:	19405/1 19405/2 19405/3 19405/4 19405/5
Number of positions:	5
Notes:	Starting date: (1) 09/10/2016 (2) 10/10/2016 (3) 01/02/2017 (4) 11/02/2017 01/02/2017 (5)

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Profile:	<p>1 – Development and characterisation of a biological process to treat SOX and NOX from combustion gases aimed at recovery of elementary sulphur.</p> <p>2 – Engineering of the bioprocess of the cell factory <i>Pichia pastoris</i> Strategies to operate and monitor the bioprocess.</p> <p>3 – Biological elimination of nitrogen in wastewater through autotrophic processes: partial nitrification and anammox.</p> <p>4 – Oxidative biotransformations with immobilised oxidases and dehydrogenases</p> <p>5 – Modelling innovative configurations for treating urban wastewater focusing on recovery of nutrients and energy. Study of associated greenhouse gas emissions.</p>
President:	Dr Francisco Valero Barranco
Secretary:	Dr Juan Antonio Baeza Labat.
Member:	Dr Julián Carrera Muyo
Substitute 1:	Dr Gregorio Alvaro Campos.
Substitute 2:	Dr David Gabriel Buguña.
Substitute 3:	Dr Albert Guisasola Canudas.

**Selection committees for post-doctoral research positions**

Department:	<b>Department of Economics and Economic History</b>
Reference:	19528/1 19528/2
Number of positions:	2
Notes:	Starting date: 01/09/2016
Profile:	Mathematics, Statistics, Introduction to Economics, Microeconomics, Macroeconomics
President:	Xavier Martínez Giralt
Secretary:	Xavier Vilà Carnicero
Member:	Judith Panadès Marti
Substitute 1:	Jordi Caballé Vilella
Substitute 2:	Inés Macho Stadler
Substitute 3:	David Pérez Castrillo



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Department:	<b>Department of Cellular Biology, Physiology and Immunology</b>
Reference:	19436
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Medical Physiology
President:	Catalina Casas Louzao
Secretary:	Eduard Escrich Escriche
Member:	Ruben López Vales
Substitute 1:	Xavier Navarro Acebes
Substitute 2:	Montserrat Solanas Garcia
Substitute 3:	Raquel Moral Cabrera

Department:	<b>Department of Systematic and Social Pedagogy</b>
Reference:	18502/1 18502/2
Number of positions:	2
Notes:	Starting date: 01/09/2016
Profile:	Theory and History of Education
President:	Xavier Úcar Martínez
Secretary:	Jordi Pàmies Rovira
Member:	José Antonio Jordán Sierra
Substitute 1:	Enric Roca Casas
Substitute 2:	Joan Carles Mèlich Sangrà
Substitute 3:	Isabel Álvarez Canovas

Department:	<b>Department of Chemistry</b>
Reference:	19037
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Organic Chemistry
President:	Rosa M. Ortuño Mingarro
Secretary:	Jordi Marquet Cortes
Member:	Leonor Ventosa Rull
Substitute 1:	Jordi Gené Torrabadella
Substitute 2:	Rosa M. Sebastián Pérez
Substitute 3:	Francesc Teixidor Bombardó

Department:	<b>Department of Chemistry</b>
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Reference:	21014
Number of positions:	1
Notes:	Starting date: 01/09/2016
Profile:	Inorganic Chemistry
President:	Rosa M. Ortuño Mingarro
Secretary:	Roger Bofill Arasa
Member:	Francesc Teixidor Bombardó
Substitute 1:	Jordi Gené Torrabadella
Substitute 2:	Joan Pau Bayon Rueda
Substitute 3:	Leonor Ventosa Rull

**ANNEXE 3 Application document**

**APPLICATION TO PARTICIPATE IN THE RECRUITMENT PROCESSES FOR TRAINEE RESEARCH STAFF  
AND POST-DOCTORAL RESEARCH STAFF FOR ACADEMIC YEAR 2016-2017**

**Personal details**

Surnames	
First names	
(DNI)/ (NIE)	
Address	
Postcode	
Town	
Country	
Telephone	
Email	

**Application**

I would like to apply for the following position:

Category	Trainee research staff or post-doctoral research staff
Reference	
Profile	

**Statement of compliance**

I unconditionally accept the regulations of this recruitment process, I comply with all its requirements and with all the necessary conditions for appointment to this position, and I will provide proof of the above on request.

Bellaterra (Cerdanyola del Vallès), XX/XX/2016

*Applicant's digital signature*

RECTOR OF THE UNIVERSITAT AUTÒNOMA DE BARCELONA