

IBMC - Instituto de Biologia Molecular e Celular

Junior Researcher Position (f/m)

Investigador Junior (m/f)

Internal Code: PR771904

Project: “REMODEL- Research models in cancer, infection and regeneration: replacement and translation” (project ID 857491) funded by the European Commission.

IBMC/i3S is opening **an international call for a Junior Researcher** (remuneration as defined at the regulatory decree *11-A/2017, index 1 “Investigador Júnior”, 2128.34 euros*) regulated by the decree-law 57/2016 from August 29, emended by Law 57/2017 from 19 July 2017 to join its Laboratory Animal Science group, working on the establishment and dissemination of advanced non-animal models for biomedical research.

REMODEL brings together expertise in bioengineering, cancer and infectious diseases with partners at the frontline in developing organoid systems, manipulating them to fit specific purposes and validating their use as models, in order to build capacity to work with innovative model systems that can replace animal experiments and increase translational relevance. In doing so, REMODEL addresses a key issue in today’s biomedical research: how non-animal model systems can be developed to meet the needs for translationally relevant research in the era of precision and personalized medicine, whilst at the same time accounting for societal pressure to replace animal experiments. REMODEL will capacitate the coordinating institution, IBMC-i3S, through the establishment of organoid advanced in vitro models and their customization for the main areas of research (infection, cancer and tissue regeneration). On the European level, REMODEL represents an important initiative to bring together key partners in the development of innovative models to overcome the present fragmentation of European organoid research and move towards applications in animal replacement.

Task description: The successful candidate will be responsible for managing the day-to-day activities of REMODEL at the IBMC/i3S. Specifically, s/he will establish new laboratory protocols and ensure continuity and dissemination of knowledge gained through the project within the institution, as well as develop communication through the project website and other dissemination channels. The work is based at the IBMC-i3S, Rua Alfredo Allen, Porto. Shorter periods of field work in the other REMODEL countries (Denmark, Netherlands and Germany) may be required.

O IBMC/i3S leva a concurso internacional uma vaga para Investigador Júnior (remuneração conforme previsto no decreto-regulamentar nº 11-A/2017, posição remuneratória 1 Investigador Júnior, 2128.34 euros) para o grupo de Laboratory Animal Science para trabalhar no estabelecimento e disseminação de novos modelos não animais de investigação biomédica, ao abrigo do regime de contratação de doutorados do dec-lei 57/2016 de 29 de agosto, alterado pela Lei 57/2017 de 19 de julho de 2017.

Required skills/qualifications: We are looking for a highly motivated and enthusiastic candidate who holds a PhD with strong laboratory research profile in biomedicine. Laboratory skills in cell culture, molecular biology and microscopy are required, as are excellent communication skills in English and availability to travel within Europe. International experience, competence in project management, training in manipulation of infectious agents, training in 3D cell culture and interest in biomedical research methodology and replacement of animal research will also be valued.

Qualificações: Procuramos um candidato altamente motivado com Doutoramento e um perfil forte de investigação laboratorial em biomedicina. Capacidade laboratorial em cultura de células, biologia molecular e microscopia são competências exigidas, assim como excelente capacidade de comunicação na língua inglesa e disponibilidade para viajar dentro da Europa. Experiência internacional, competência em gestão de projetos, formação em manipulação de agentes infecciosos e em cultura de células 3D e interesse em metodologias de investigação biomédica e substituição de modelos animais serão valorizados.

The researcher position offer is for fixed term contract, during the necessary time for performing the expected tasks, regulated by the decree-law 57/2016 from August 29, emended by Law 57/2017 from 19 July 2017 and the Portuguese Labour Law.

O contrato de Investigador será a termo incerto, pelo tempo necessário à execução das tarefas previstas, regulamentado pelo decreto-lei 57/2016 de 29 de agosto, alterado pela Lei 57/2017 de 19 de julho e pela Lei Geral do Trabalho.

The selected candidate will benefit from an excellent interdisciplinary research environment, both locally at the IBMC-i3S and internationally within the REMODEL consortium.

O candidato selecionado beneficiará de um ambiente de investigação interdisciplinar de excelência, tanto ao nível local no IBMC-i3S como internacionalmente dentro do consórcio do REMODEL.

Selection: The selection of the successful candidate will be carried out as regulated by the decree-law 57/2016 from August 29, amended by the law 57/2017 from 19 July through the evaluation of the candidate's scientific and curricular achievements. Selection will take place through a three-step procedure. In an initial curricular screening, candidates will be evaluated according to their qualifications in the required laboratory skills, using a scale ranging from 1-20. Candidates who score 12 or higher will be subject to a complete analysis and ranked according to their CV and letter of motivation using a scale ranging from 1 to 20. This evaluation will take into account scholarly publications (30%), relevant research experience (50%) and leadership/management capacity (20%). The top ranked candidates (two or more) will be invited for an interview by the Selection Committee, evaluated using a scale ranging from 1 to 20. Final candidate ranking will include curricular/letters evaluation (weight of 90%) and outcome of interview (weight of 10%).

A seleção do candidato será feita ao abrigo do regulamentado pelo decreto-lei 57/2016 de 29 de agosto, na sua redação atual, através da avaliação do seu percurso científico e curricular. A seleção será realizada em 3 passos. No primeiro passo, os candidatos serão avaliados segundo as suas qualificações nas capacidades laboratoriais exigidas, numa escala de 1 a 20. Candidatos que obtêm uma avaliação de 12 ou mais serão

sujeitos a uma análise completa e seriados com base no CV e na carta de motivação, numa escala de 1 a 20. A avaliação terá em conta publicações científicas (30%), experiência relevante de investigação (50%) e capacidade de liderança/gestão (20%). Os melhores candidatos (pelo menos dois) serão convidados para uma entrevista a realizar pelo júri de seleção, avaliada numa escala de 1 a 20. A seriação final incluirá a avaliação curricular / de carta de motivação (90%) e o resultado da entrevista (10%).

To apply for the Researcher Position, the interested candidate must submit the following documents *via* the online application system (www.ibmc.up.pt/institute/open-positions): a) PhD certificate, b) Complete CV; c) Letter of Motivation, including contacts for 2 references

<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=PR771904>

Para se candidatarem a esta posição, os candidatos interessados têm de submeter os seguintes documentos na plataforma (www.ibmc.up.pt/institute/open-positions): a) certificado de habilitações b) CV completo, c) Carta de Motivação, incluindo contactos de duas referências

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Applications must be received from November 28 until December 28, 2019. The Researcher Position is expected to start 1 February 2020, preferably earlier.

As candidaturas serão recebidas. O contrato está previsto iniciar a 1 de Fevereiro de 2020.

Selection committee: Anna Olsson (president), Margarida Saraiva, Cristina Barrías, Celso Reis.

Júri de seleção: Anna Olsson (presidente), Margarida Saraiva, Cristina Barrías, Celso Reis.

The list of final classification will be published on the website of the Institute, and the candidates notified by email.

A lista de classificação final dos candidatos é publicada na página da Instituição e os candidatos notificados por email.