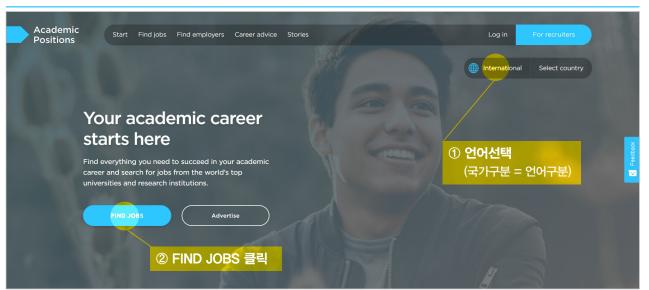


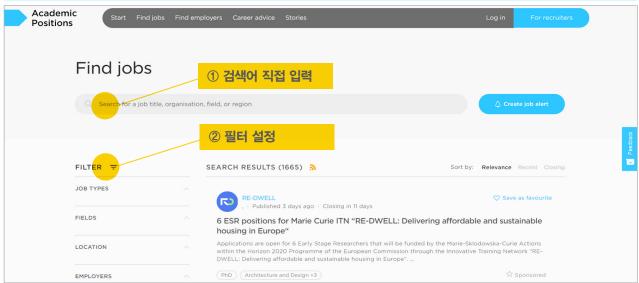


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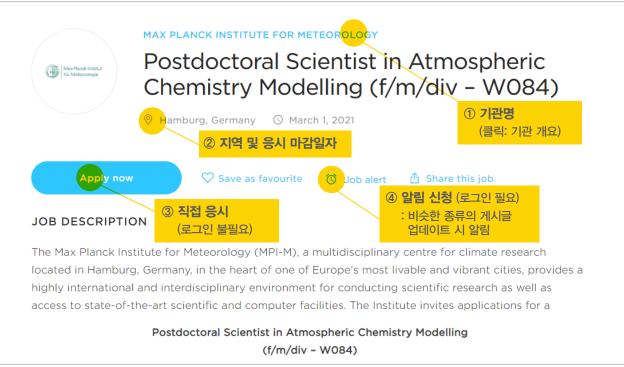




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게시글





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Euro Science Jobs eurosciencejobs.com



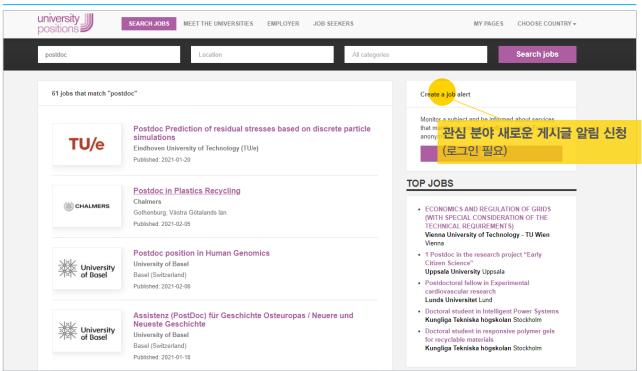
3 개시글

Euro * Science Jobs JOB SEARCH ▼ MY PROFILE ▼ JOB ALERTS POST A JOB RECRUITERS **Top Jobs** Post Doc Position for Decoding the Noncoding Side of Motor Neuron Differentiation Plasma Physicist -Culham, United and Pathology IIT - Istituto Italiano di Tecnologia Kingdom Rome, Italy A postdoctoral position will be available within the Non coding RNAs in Physiology and Pathology Research Line at the Center for Life Nanosciences in Rome of the Istituto Italiano di Tecnologia, on a project aimed at the molecular characterization of the function of non-coding RNAs in motor neuron differentiation both in physiological and pathological conditions. Free Jobs Newsletter Email Address The project focuses on the study of the pathogenic relevance of altered RNA metabolism and aberrant ribonucleoprotein (RNP) assembly in neurodegenerative diseases, using Amyotrophic lateral sclerosis as a model system. How defective RNPs form, what are their integral components and which events trigger their appearance late in life are still unsolved issues. While emerging evidence indicates that mutations and post-translational modifications of specific RNA-binding proteins (RBPs) induce liquid-solid phase transition, much less is known about the role played by the RNA. SIGN UP More info on our weekly jobs The specific aim of the project will be to identify the transcriptome associated to different types of cytoplasmic membrane-less organelles present in motor neuron cells and to study the function of non-coding RNAs, including circular RNAs, in the control of their assembly, function and intracellular compartmentalization. Moreover, the project wants to study whether any of these processes are altered in neurodegenerative conditions such as in model systems of Amyotrophic lateral sclerosis Search for jobs in In addition, the project wants to test whether the use of specific aptamers against pathogenetic proteins, such as mutants of the Academic (105) FUS and TDP-43 proteins, can be used to prevent or dissolve protein aggregates, which are a common feature in the Biology (110) pathogenesis of ALS. Chemistry (41) The project will benefit of several suitable systems already available, including mES and human iPS cell lines carrying mutations Earth Science (24) in proteins and RNAs specifically altered in ALS-linked conditions as well as several murine models. The post-doc who will joi the group should contribute to the biochemical part of the project and in particular to the identification of RNA-protein and Engineering (21) RNA-RNA interactions occurring in normal and ALS motor neurons. Maths and Computing (79) The candidates should have a PhD in molecular biology, biochemistry or in cell biology and be highly motivated and creative. PhD Required (44) Physics (58) Required competences: Postdoc (100) Knowledge on basic mechanism 직접 응시 가능(로그인 불필요) Techniques of advanced molecu study of neuronal cell differentiation; Follow Us Characterization and function of non-coding RNAs and methods for the characterization of protein-RNA and RNA-RNA f in 🗹 Use of in vitro cellular systems to study MN differentiation. ★ 좋아요 4.8천명이 좋아합니다. 친구 중 가장 먼저 좋아요를 남겨보세요.

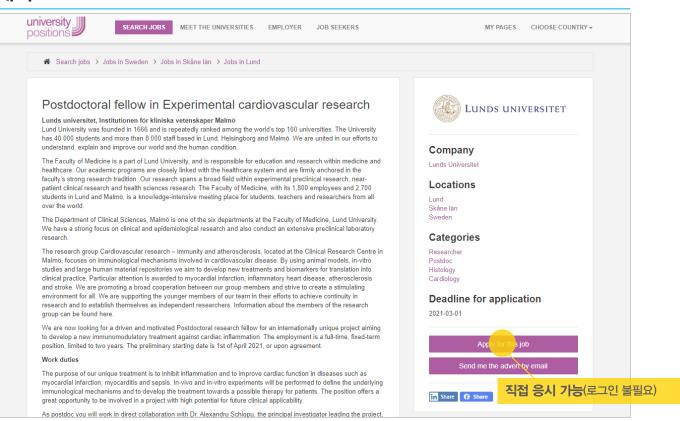


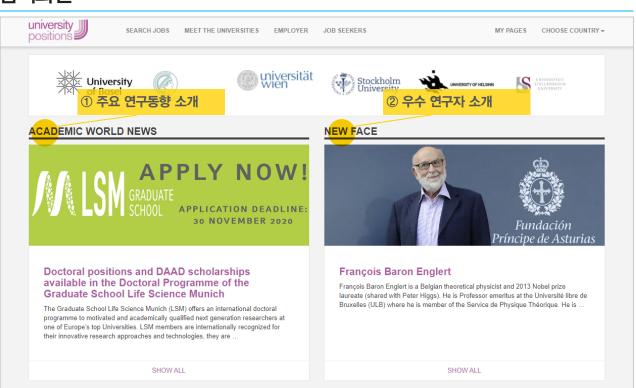
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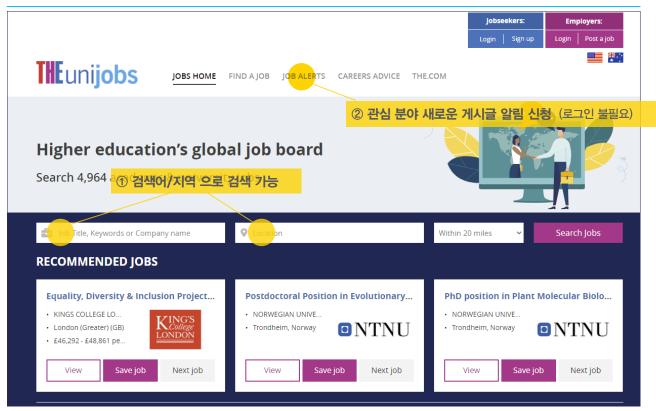




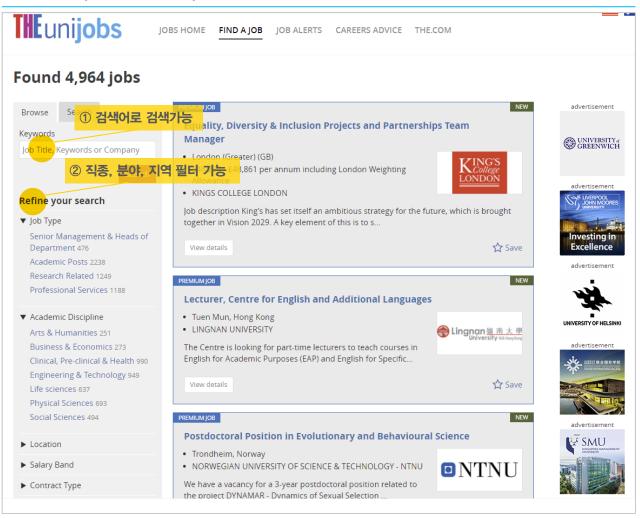




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검색화면 (FIND A JOB)



게시글 예시

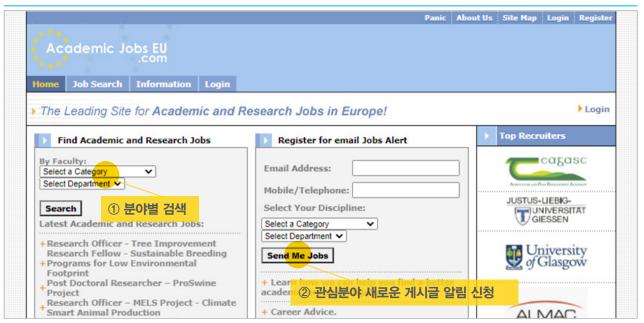


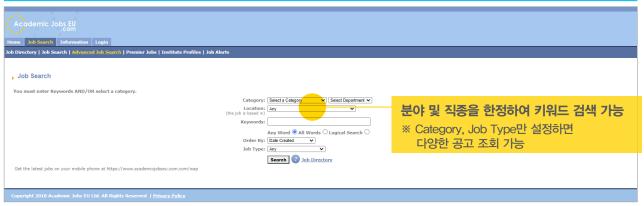


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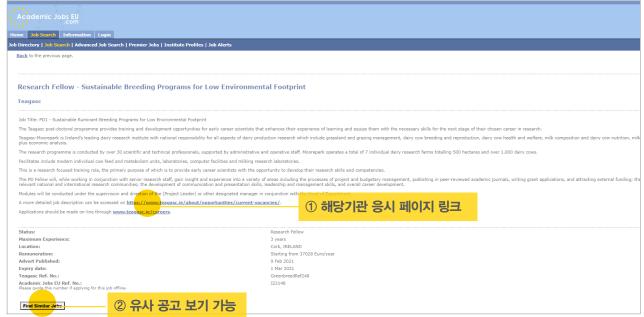




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게시글 예시





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