

5.7 MILLION EUROS FROM CONSOLIDER FOR THE NANOMOL PROJECT LED BY UNIVERSITAT DE VALÈNCIA

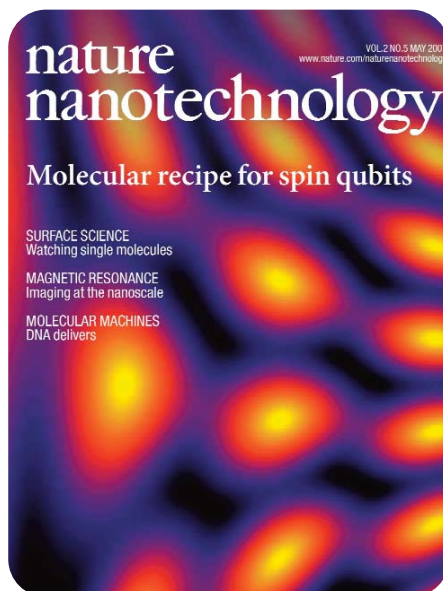
The programme CONSOLIDER-INGENIO 2010, a part of the Ministry of Education and Science, has granted NanoMol – a molecular nanoscience project led by the Universitat de València -- a total of 5.7 million euros for research. The project is coordinated by Professor of Inorganic Chemistry and director of the Instituto de Ciencia Molecular (ICMol – Institute of Molecular Science), Eugenio Coronado. The team is composed of chemists, physicists and biologists from different research centres and universities in the field of nanoscience. Other ICMol researchers come from the Universidad Autónoma and Universidad Complutense in Madrid, Universidad de Alicante, Instituto de Ciencia de Materiales de Aragón (CSIC – Institute of Materials Science of Aragón) and the Centro Nacional de Biotecnología (CNB - National Centre of Biotechnology).

The project aims to produce sophisticated molecular and supramolecular systems, from the synthetic capacities of chemistry and instrumental capacities developed by the physicists. Among the team's many activities are the design, synthesis and identification of molecules and materials with electronic, magnetic or biological functionalities, as well as research into their uses as nanometric devices in molecular electronics (OLEDs, lasers, solar cells), chemistry (molecular

"THE UNIVERSITAT DE VALÈNCIA ALSO PARTICIPATES IN ANOTHER TEN CONSOLIDER PROJECTS"

sensors) and in medicine (contrast agents in magnetic resonance imaging or biosensors in hyperthermia-based antitumoral therapies).

The CONSOLIDER programme involves strategic action on the part of the Ministry of Education and Science for Spanish science, geared towards



Cover of Nature, in which the Universitat de València proposes the use of magnetic molecules for quantum computing

fostering development of initiatives not covered in the Plan Nacional for R+D+i due to their dimension and relevance. Ultimately, the objective is to prompt a qualitative jump in certain fields of Spanish science that are of special interest and that have the support of leading international research groups, such as in the case of the team of the Instituto de Ciencia Molecular.

The Universitat de València is also home to researchers that participate in ten other CONSOLIDER projects coordinated by universities and research centres throughout the country. High pressure physics, supercomputing, food and health, plant biotechnology, ageing processes or the environment are just some of the lines of research encompassed by the projects in which the Universitat de València participates in this edition of CONSOLIDER-INGENIO 2010. This programme has just finalised the second of its five calls to grant proposals and to date has granted more than 232 million euros distributed among 45 projects of excellence.

Fourteen companies have just moved into the Vivero Empresarial (Business Incubator) at the Science Park of the Universitat de València (PCUV), which provides a space and support to entrepreneurs and spin-off companies in the initial stages of business development.

At the end of 2008, two new buildings will be opened at the PCUV, these destined for general and administrative services along with various innovative companies that operate in the ICT, domotics and biotechnology fields, among others. At the beginning of 2009, the Business Incubator will be launched in a third 2,434 square metre building.

Adela Cortina, professor of Philosophy of Moral Law of the Universitat de València, has just been named member of the Real Academia de Ciencias Morales y Políticas (Spanish Royal Academy of Moral and Political Sciences). This body, in existence for over half a century, acts as a centre of diffusion of knowledge, a research laboratory and a place for analysis. It is comprised of important personalities in Spanish political, social and economic spheres.

Adela Cortina is the first woman to receive this distinction. Her research is particularly oriented towards Ethics. Economic Ethics, Business Ethics, gender-based discrimination, war, ecology or genetics are fields that are equally cultivated by the author. Her work, "Ética de la razón cordial" (Ethics of Cordial Reason) was awarded the 2007 Jovellanos Premio Internacional de Ensayo (the Jovellanos International Essay Prize).

