

16 JANUARY 2015

Understanding and exploiting the NKT: CD1 system in cancer and other diseases

Mark Exley, Manchester Collaborative Centre for Inflammation Research, University of Manchester, UK

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Genetic control of anatomical diversity among vertebrates Moises Mallo, Patterning and Morphogenesis Group, Instituto Gulbenkian de Ciência, Portugal

6 FEBRUARY 2015

Connexin43: A new job for an old acquaintance. Beyond gap junctions, Cx43 mediates intercellular communication via exosomes Henrique Girão, IBILI - Institute of Biomedical Imaging and Life Sciences, Faculty of Medicine, University of Coimbra, Portugal

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Validity Threats in Preclinical Drug Developement: Science, Evidence, and **Ethics**

Ionathan Kimmelman, Biomedical Ethics Unit/ Experimental Medicine/ Social Studies of Medicine, McGill University, Canada

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Imaging tumour metabolism using hyperpolarized ¹³C-MRI

Tiago Rodrigues, University of Cambridge, UK

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Trinucleotide repeats, toxic RNA and brain dysfunction in myotonic dystrophy Mário Gomes-Pereira, Imagine Institute for Genetic Diseases, Paris, France

06 MARCH 2015

Towards biochemical reconstitution of kinetochores and their regulation Andrea Musacchio, Department of Mechanistic Cell Biology, Max-Planck Institute of Molecular Physiology, Germany

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Discovering novel bioactive compounds from Actinobacteria **Stefano Donadio**, Ktedogen/NAICONS, Italy

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Mechanism of membrane transport **Dirk Jan Slotboom**, Biochemistry Department, University of Groningen, The Netherlands

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Biomimetic systems for studying cytoskeleton dynamics

Laurent Blanchoin, CEA/ Institute of Life Sciences Research and Technologies (iRTSV), France







