



POSTER SESSIONS

CSI-01 - Cell Cycle & Checkpoints

Adaptations of the DNA replication licen

Adaptations of the DINA replication incensing process in mouse embryonic stem cells A. Kanelbu¹, T. Giavridia¹, S. Taraviras², Z. Lygerou¹ 'Medical School, Laboratory of General Biology, 'Medical School, Laboratory of Physiology, University of Patras, Patras, Greece

A Kardier, T. Ganridie, S. Tanawar, Z. Lygunov

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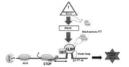
SUN-002

Analysis of the mechanism of DNA damage and replication arrest-induced histone mRNA decay P. Panomwan, C. Smythe Biomedical Science, University of Sheffield, Sheffield, UK

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Histone mRNA decay (HII) is the process which cumures that
histone mRNA is regisly disparted following completion of
DNA replication at the cod of Sphane. Sixt coordination
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Keywords: hairpin/stem loop binding prote tone mRNA decay, Intra S-phase checkpoint tein (HBP/SLBP), his

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Abstracts

SUN-420 Role of neutral sphingomyelinase in dopamine transporter trafficking J. H. Wen, S. K. Kim, K. H. Ahn, Z. Fu, M. J. Back, D. K. Kim Chang-Ang University, Scoul, Korea

J. H. Was, S. K. Kim, K. H. Alm, Z. Fu, M. J. Back, C. M. C. Washington, and C. W. Washington, and C. Washington, and C. W. Washington, and C. Washington, and C. W. Washington, and C. Washington, and S. Washington, and C. Washington, and S. Washington, and S. Washington,

Single particle tracking to study the binding of protein misfolded oligomer to membrane

ganglioside GM1

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of Experimental and Clinical Biomedical Sciences, Florence, Florence, ²European Laboratory for Non-scopy (LENS), University of Florence, Sesto ment of I niversity of Flor near Spectro tino. Itali

Recent results suggest an important role of ordered lipid domains of plasma membranes in amyloid aggregation process and its path ogenic effect. We investigated the contribution to toxicity of the membrane gangloisdic GM1 in SH-SYY neuroblastoma cell exposed to oligomeric conformers of $A\beta_{\rm E}$ and HypF-N endowed

CSI-03 - Membrane Organization & Super-Resolutio

with different ultrastructural properties. By means of real-time sin-gle particle tracking, we show that middded eligenous ball GMI determined in Internal officiation on the plannar membrane of limits eath. In turn, the bischemical reponse to the oligenous's species results from the membrane content of GMI and its clastering. Overal, our results indicate an altered membrane ratt mobility and clustering in somous experiencing plantar protein of agreems. Keywords: Membrane GMI, Postein oligenous, Single particle tracking.

SUN-423 State-dependent H-bonds of exceptionally conserved asparagines in S6 helices of sodium and calcium channels: roles in channel gating

and ligand action
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