

APPENDIX

Papers presented at the 6th International Congress on Genetics, Biochemistry and Physiology of NDP Kinase/NM23/AWD (October 17–19, 2005, Naples, Italy)

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Jeudy, S., Claverie, J.-M., and Abergel, C.
Crystal structure and biochemical characterization of the first viral NDP kinase.

Georgescauld, F., Mocan, I., Lacombe, M.-L., and Lascu, I.
Protein phosphorylation and natural osmolyte trimethyl-amin-n-oxide correct the folding defect of the neuroblastoma (serine 120 to glycine) mutant of the human nucleoside diphosphate kinase A /Nm23-H1.

Schlattner, U., Tokarska-Schlattner, M., Munier, A., Boissan, M., and Lacombe, M.-L.
The cardiolipin-bound mitochondrial NDP kinase-D: Involvement in energy transfer and mitochondrial GTP metabolism?

Crawford, R.M., Treharne, K.J., Best, O.G., Muimo, R., Gruenert, D.C., Riemen, C.E., and Mehta, A.
A novel functional association between the cystic fibrosis transmembrane-conductance regulator, nucleoside diphosphate kinase and the AMP-activated protein kinase in human airway.

Borthwick, L.A., and Muimo, R.
NDPK H2 is part of a multi-protein complex involving heterotrimeric G proteins and CFTR in airway epithelia.

Kowluru, A., Veluthakal, R., and Kaetzel, D.
Regulatory roles for NDP kinase-like enzymes in insulin secretion from the islet cell: Potential defects in diabetes.

Postel, E.H., Abramczyk, B.A., and Goswami, S.
Uracil processing by *E. coli* NDP kinase: An update.

Zhang, Q., Yang, M., McCorkle, J.R., Craven, R.J., Ma, D., and Kaetzel, D.
Potential roles of 3'-5' exonuclease activity of NM23-H1 in DNA repair and malignant progression.

Curtin, N., Bryant, H.E., Schultz, N., Thomas, H.D., Parker, K.M., Flower, D., Lopez, E., Kyle, S., Meuth, M., and Helleday, T.
Therapeutic exploitation of DNA defects in cancer: PARP inhibitors and BRCA2.

Steeg, P.
Nm23/Awd/NDP kinase: What have we learned? Where are we going?

Carotenuto, P., Garzia, I., Natascia, M., Roma, C., Tata, N., Bello, A.M., Vitale, G., Maffia, V., Amoresano, A., Curtin, N., Galeone, A., Pucci, P., and Zollo, M.
Unraveling h-prune function together with nm23 family protein in cancer metastases and development.

Boissan, M., Wendum, D., Arnaud-Dabernat, S., Lascu, I., Daniel, J.Y., and Lacombe, M.-L.
Increased lung metastasis in transgenic Nm23-null/SV40 mice with liver cancer.

Wieland, T., Lutz, S., Mehringer, R., Hippe, H.-J., Rauch, G.J., Rottbauer, W., and Niroomand, F.
High energy phosphate transfer by NDPK-B (nm23-H2)/G $\beta\gamma$ complexes: An alternative pathway in G protein regulation in the heart.

Horak, C.E., Lee, J.H., Elkahoun, A., Calmieri, D., Halverson, D.O., Meltzer, P. and Steeg, P.S.

Expression array analysis of wild type and mutant Nm23-H1 overexpressing breast carcinoma cells.

Lombardi, D.

Functional interference of the HPV-16 E7 oncoprotein with Nm23-H1.

Sleeman, J.P.

Functional analysis of metastasis-relevant gene expression.

Titus, B., Frierson Jr., H.F., Conaway, M., Ching, K., Guise, T., Chirgwin, J., Hampton, G., and Theodorescu, D.

The endothelin axis is a target of the lung metastasis suppressor gene RhoGDI2.

Collard, J.G.

Tiam1-Rac signaling and the formation and progression of tumors.

Deckers, M., van Dinther, M., Que, I., van der Pluijm, G., and ten Dijke, P.

Smad4 is a critical component in the dissemination of MDA-MB-231 breast cancer cells to bone.

Riminucci, M.

Stem cells, bone metastasis and the hematopoietic micro-environment.

Kimura, N., Ishijima, Y., Shimada, N., Ishikawa, N., Fukuda, F., Kimura, N., Ohsawa, T., and Akiyama, K.

Involvement of NDPK/nm23 in Signal Transduction Systems and Its Possible Target Site.

Okabe-Kado, J., Kasukabe, T., Kubota, N., Kobayashi, H., Maseki, N., Honma, Y., and Kaneko, Y.

Extracellular NM23 proteins promote growth/survival of human acute myeloid leukemia cells.

Garzia, L., Marrone, A., Carotenuto, P., Iolascon, A., and Zollo, M.

The role of nm23-H1 and H2 in Medulloblastoma tumor development.

Cervoni, L., Egistelli, L., Eufemi, M., Turano, C., Lascu, I., and Giartosio, A.

Binding of human nm23/nucleoside diphosphate kinase to gene promoters in melanoma cells: Possible consequences in tumor metastases.

Ohnuma, S.

NM23 in *Xenopus* retinal differentiation.

Provost, E., Hersperger, G., Timmons, L., Ho, W-Q., Hersperger, E., Alcazar, R., and Shearn, A.

Loss of function mutations in a glutathione-S-transferase suppress the prune-Killer of prune lethal interaction.

Minucci, S.

Chromatin alterations in tumorigenesis.

Knauer, S.K., Tata, N., Roma, C., Zollo, M., and Stauber, R.H.

Regulated nucleo-cytoplasmic transport: Implications for disease and potential for targeted interventions.

De Marco, N., Zollo, M., Iannone, L., and Campanella, C. Presence of prune and nm23 in *Xenopus* development, a preliminary report.

Crawford, R.M., Trehan, K.J., Best, O. G., Muimo, R., Riemen, C.E., and Mehta, A.

A novel physical and functional association between nucleoside diphosphate kinase A and AMP-activated protein kinase $\alpha 1$ in liver and lung.

Egistelli, L., Cervoni, L., Georgescauld, F., Mocan, I., Giartosio, A., and Lascu, I.

Nucleoside diphosphate kinase from *Mycobacterium tuberculosis* is a thermostable protein.

Kimura, N.