Selected Publications

Nouspikel, T.
DNA repair in differentiated cells: Some new answers to old questions

Hsu, P.H., Hanawalt, P.C., and Nouspikel, T.
Nucleotide excision repair phenotype of human acute myeloid leukemia cell lines at various stages of differentiation

Nouspikel, T. and Hanawalt, P.C.
Impaired nucleotide excision repair upon macrophage differentiation is corrected by E1 ubiquitin-activating enzyme
Proc Natl Acad Sci USA. 103:16188-93 (2006) [Abstract] [Full paper]

Nouspikel, T. Hyka-Nouspikel, N., Hanawalt, P.C.
Transcription domain-associated repair in human cells

Definition of a short region of XPG necessary for TFIIH interaction and stable recruitment to sites of UV damage

Nouspikel,T. and Hanawalt, P.C.
When parsimony backfires: neglecting DNA repair may doom neurons in Alzheimer's disease

Nouspikel,T. and Hanawalt, P.C.
DNA repair in terminally differentiated cells
DNA Repair 1:59-75 (2002) [Abstract]

Lalle, P., Nouspikel, T., Constantinou, A., Thorel, F., and Clarkson, S.G.
The founding members of xeroderma pigmentosum group G produce XPG protein with severely impaired endonuclease activity

Nouspikel, T., and Hanawalt, P.C.
Terminally differentiated human neurons repair transcribed genes but display attenuated global dna repair and modulation of repair gene expression

Nouspikel, T., Lalle, P., Leadon, S.A., Cooper, P.K., and Clarkson S.G.
A common mutational pattern in Cockayne syndrome patients from xeroderma pigmentosum group G: Implications for a second XPG function
Nouspikel, T. and Clarkson, S. G.
Mutations that disable the DNA repair gene XPG in a xeroderma pigmentosum group G patient

Scherly, D., Nouspikel, T., Corlet, J., Ucla, C., Bairoch, A., and Clarkson, S. G.
Complementation of the DNA repair defect in xeroderma pigmentosum group G cells by a human cDNA related to yeast RAD2

Nouspikel, T. and Iynedjian, P. B.

Nouspikel, T., Gjinovci, A., Li, S., and Iynedjian, P. B.
Unimpaired effect of insulin on glucokinase gene expression in hepatocytes challenged with amylin

Iynedjian, P. B., Pilot, P.-R., Nouspikel, T., Milburn, J. L., Quaade, C., Hughes, S., Ucla, C., Newgard, C. B.

Iynedjian, P. B., Jotterand, D., Nouspikel, T., Asfari, M., and Pilot, P.R.
Transcriptional induction of glucokinase gene by insulin in cultured liver cells and its repression by the glucagon-cAMP system
J. Biol. Chem. 264, 21824-21829 (1989) [Abstract][Full paper]