Telomerase gene therapy in adult and old mice delays aging and increases longevity without increasing cancer.


Telomerase reactivation reverses tissue degeneration in aged telomerase-deficient mice.


Telomeres, cancer, and aging. Altering the human life span.


Telomerase and the aging cell: implications for human health.


Use of Telomere Length as a Biomarker for Aging and Age-Related Disease


The Complexity and Abundance of RNA Transcribed from Restriction Endonuclease Fragments of Euglena Chloroplast DNA During Chloroplast Development.
Cloning of Chloroplast DNA in Bacterial Plasmid Vectors


Expression of Cloned Chloroplast DNA in E. coli Minicells


Expression of Cloned Chloroplast DNA from Euglena gracilis in an In Vitro DNA-Dependent Transcription-Translation System Prepared from E. coli.


Enzymatic Properties of Bovine Prochymosin Synthesized in Escherichia coli.

McCaman, M. T., W. H. Andrews, and J. G. Files

Biotechnology 2, 177-190 (1985)

Characterization of a Surface Antigen of Eimeria-Tenella Sporozoites and Synthesis from a Cloned Complementary DNA in Escherichia-Coli.
Perez HD, Holmes R, Kelly E, McClary J, Chou Q, Andrews WH.
Biochemistry 31, 11595-11599 (1992)

Cloning of a cDNA Encoding a Receptor Related to the Formyl Peptide Receptor of Human Neutrophils.
Perez HD, Holmes R, Kelly E, McClary J, Andrews WH.
Gene 118, 303-304 (1992)

Oxidation of a specific methionine in thrombomodulin by activated neutrophil products blocks cofactor activity. A potential rapid mechanism for modulation of coagulation.
Glaser CB; Morser J; Clarke JH; Blasko E; McLean K; Kuhn I; Chang RJ; Lin JH; Vilander L; Andrews WH.
J Clin Invest 90, 2565-73 (1992)

Formyl Peptide Receptor Chimeras Define Domains Involved in Ligand Binding.

The Short Loop Between EGF-like Domains Four and Five is Critical for Human Thrombomodulin Function.


Gene 147, 287-292 (1994)

Isolation of Extracytoplasmic Proteins from Serpulina hyodysenteriae B204 and Molecular Cloning of the flaB1 Gene Encoding a 38-Kilodalton Flagellar Protein.

Gabe JD, Chang R-J, Slomiany R, Andrews WH, McCaman MT.

Infection and Immunity 63, 142-148 (1994)

Human Formyl Peptide Receptor Ligand Binding Domain(s) – Studies Using an Improved Mutagenesis/Expression Vector Reveal a Novel Mechanism for the Regulation of Receptor Occupancy.

Perez DH, Vilander L, Andrews WH, Holmes R.


Modulation of Glycosaminoglycan Addition in Naturally Expressed and Recombinant Human Thrombomodulin.

Lin JH, McLean K, Morser J, Young TA, Wydro RM, Andrews WH, Light DR.

Cataloging Altered Gene Expression in Young and Senescent Cells using Enhanced Differential Display.

The RNA Component of Human Telomerase
Yu J, Le S, West MD, Harley CB, Andrews WH, Greider CW, Villeponteu B.

Telomerase Catalytic Subunit Homologs From Fission Yeast and Human.

Reconstitution of Human Telomerase With the Template RNA Component hTR and the Catalytic Protein Subunit hTRT.
Nature Genetics 17, 498-502 (1997)

Spontaneous reversal of the developmental aging of normal human cells following transcriptional reprogramming.
RNAi screen for telomerase reverse transcriptase transcriptional regulators identifies HIF1alpha as critical for telomerase function in murine embryonic stem cells.

A Natural Product Telomerase Activator As Part of a Health Maintenance Program.

Antiproliferative small molecule inhibitors of transcription factor LSF reveal oncogene addiction to LSF in hepatocellular carcinoma