

Uremia

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Uremia is a term used to loosely describe the illness accompanying kidney failure . In kidney failure, urea and other waste products, which are normally excreted into the urine, are retained in the blood. Early symptoms include anorexia and lethargy, and late symptoms can include decreased mental acuity and coma. It is usually diagnosed in kidney dialysis patients when the glomerular filtration rate, a measure of kidney function, is below 50% of normal. Azotemia is another word that refers to high levels of urea, but is used primarily when the abnormality can be measured chemically but is not yet so severe as to produce symptoms. Uremia can also result in fibrinous pericarditis. There are many dysfunctions caused by uremia affecting many systems of the body, such as blood , Sex and bones .



Recent Publications on Uremia:

- [Peritoneal morphologic changes in a peritoneal dialysis rat model correlate with angiopoietin/Tie-2.](#)
*The angiopoietin/Tie-2 system plays an important role in the initiation of...*30th August, 2008
Renal Division, Renji Hospital, Shanghai Jiaotong University, School of- *Pediatr Nephrol.* 2008 Aug 28.
([DOI Direct Link](#))
- [\[Neurological complications in uremia\]](#)
*Neurological complications due to the uremic state or hemodialysis,...*30th August, 2008
Department of Neurology, Buddhist Dalin Tzu Chi General Hospital, Chia Yi,- *Acta Neurol Taiwan.* 2008 Jun;17(2):117-26.
- [Fatal intoxication using amantadine and pramipexole in a uremic patient.](#)
*We report a fatal intoxication in a 59-year-old woman who had uremia...*30th August, 2008
Department of Neurology, En Chu Kong Hospital, Taipei, Taiwan.- *Acta Neurol Taiwan.* 2008 Jun;17(2):109-11.
- [Acute cerebral and pulmonary edema induced by hemodialysis.](#)
*BACKGROUND: The dialysis disequilibrium syndrome is characterized by...*19th August, 2008
Department of Nephrology, Friendship Hospital of Capital Medical- *Chin Med J (Engl).* 2008 Jun 5;121(11):1003-9.
- [Aspects of immune dysfunction in end-stage renal disease.](#)
*End-stage renal disease (ESRD) is associated with significantly increased...*15th August, 2008
Division of Renal Medicine, Department of Clinical Science, Intervention- *Clin J Am Soc Nephrol.* 2008 Sep;3(5):1526-33. Epub 2008 Aug 13. ([DOI Direct Link](#))
- [Circulating progenitor cells after cold pressor test in hypertensive and uremic patients.](#)
*Endothelium was initially considered an inert lining of the blood vessels....*14th August, 2008
Department of Internal Medicine, University of Messina, Messina, Italy.- *Hypertens Res.* 2008 Apr;31(4):717-24.
- [Mitochondrial DNA Injury and Mortality in Hemodialysis Patients.](#)
*The role of mitochondrial injury in the pathogenesis of complications of...*8th August, 2008

Division of Nephrology, Department of Medicine, Tufts-New England Medical- J Am Soc Nephrol. 2008 Aug 6. ([DOI Direct Link](#))

- [Low-dose growth hormone is cardioprotective in uremia.](#)
*Growth hormone (GH) is required to maintain normal cardiac structure and...*25th July, 2008
Department of Medicine, Stanford University and Research Service, Veterans- J Am Soc Nephrol. 2008 Sep;19(9):1774-83. Epub 2008 Jul 23. ([DOI Direct Link](#))
- [Epidemiology of acute infections among patients with chronic kidney disease.](#)
*The objectives of this review were (1) to review recent literature on the...*25th July, 2008
Department of Internal Medicine, Division of Nephrology, University of- Clin J Am Soc Nephrol. 2008 Sep;3(5):1487-93. Epub 2008 Jul 23. ([DOI Direct Link](#))
- [Hepatitis C is less aggressive in hemodialysis patients than in nonuremic patients.](#)
*BACKGROUND AND OBJECTIVES: The severity of liver disease among hepatitis C...*25th July, 2008
Hospital de Base do Distrito Federal, Secretaria de Estado de Saude (SES),- Clin J Am Soc Nephrol. 2008 Sep;3(5):1385-90. Epub 2008 Jul 23. ([DOI Direct Link](#))
- [Receptor for Advanced Glycation end products \(RAGE\) modulates neutrophil adhesion and migration on Glycoxidated extracellular matrix.](#)
*Introduction: Advanced glycation end products (AGEs) accumulate in...*23rd July, 2008
- Biochem J. 2008 Jul 22. ([DOI Direct Link](#))
- [Vav1 Modulates Protein Expression During ATRA-Induced Maturation of APL-Derived Promyelocytes: A Proteomic-Based Analysis.](#)
*Overexpression of Vav1 promotes the overcoming of the differentiation...*23rd July, 2008
Signal Transduction Unit-Laboratory of Cell Biology, Section of Human- J Proteome Res. 2008 Jul 22. ([DOI Direct Link](#))
- [\[Effects of metal-catalyzed oxidation on the formation of advanced oxidation protein products\]](#)
*OBJECTIVE: To explore the relationship between metal-catalyzed oxidation...*23rd July, 2008
Department of Nephrology & Rheumatology, Shanghai Tenth People's Hospital- Zhonghua Yi Xue Za Zhi. 2008 Mar 11;88(10):674-8.
- [Dialysis Disequilibrium Syndrome and other treatment complications of extreme uremia: A rare occurrence yet not vanished.](#)
*Severe uremia is now a rare occurrence in most developed nations, and yet...*22nd July, 2008
National Medical Science and Nutrition Institute "Salvador Zubiran" and- Hemodial Int. 2008 Jul;12(3):301-6. ([DOI Direct Link](#))
- [Effects of uremia and inflammation on growth hormone resistance in patients with chronic kidney diseases.](#)
*Resistance to the anabolic action of growth hormone may contribute to the...*18th July, 2008
[1] 1Division of Nephrology, Department of Internal Medicine, Genoa, Italy- Kidney Int. 2008 Jul 16. ([DOI Direct Link](#))

Uremia Clinical Trials:



- [Uremic Hyperhomocysteinemia -A Folate Trial for Possible Prevention of Cardiovascular Events](#)
Uremia; Chronic Renal Failure; Hemodialysis; Hyperhomocysteinemia; Cardiovascular Disease



Uremia Patents:

- 7333894- [Methods for the diagnosis of hemodialysis patients and utilization of such methods to improve the administration of intravenous levocarnitine treatments to hemodialysis patients](#)
- 7354925- [Alpha aryl or heteroaryl methyl beta piperidino propanamide compounds as ORL1-receptor antagonists](#)
- 7354941- [Nicotinamide benzofused-heterocyclyl derivatives useful as selective inhibitors of PDE4 isozymes](#)
- 7355001- [Organic anion transport protein TCH229](#)
- 7358074- [Human phosphatase RET31, and variants thereof](#)
- 7359802- [Methods for remote characterization of an odor](#)
- 7363076- [Treatment of conditions through modulation of the autonomic nervous system](#)
- 7368527- [HADDE71 polypeptides](#)
- 7368531- [Human secreted proteins](#)
- 7371822- [Human G-protein coupled receptor variant of HM74, HGPRBMY74](#)
- 7371825- [Anti-MCP-1 antibodies, compositions, methods and uses](#)
- 7348149- [Methods of diagnosing Parkinson's disease by measuring expression level of RNA encoding human protein HLLRCR-1](#)
- 7345148- [Human G-protein coupled receptor, HGPRBMY29sv1 polypeptides](#)
- 7345065- [Methods and compositions for alleviating pain](#)
- 7335335- [Apparatus and method to measure platelet contractility](#)
- 7335656- [Medical devices employing triazine compounds and compositions thereof](#)
- 7335770- [Triazine compounds and their analogs, compositions, and methods](#)
- 7335795- [Crosslinked amine polymers](#)
- 7338951- [Pyridine compounds](#)
- 7339032- [Human relaxin receptor HGPRBMY5v1](#)
- 7342083- [Polyamine polymers](#)
- 7344860- [Polynucleotide encoding a novel human P2X7 splice variant, HBMYP2X7v](#)
- 7344882- [Polynucleotides encoding variants of the TRP channel family member, LTRPC3](#)
- 7345019- [Modulation of excitable tissue function by peripherally administered erythropoietin](#)
- 7375192- [Antibodies that specifically bind to chemokine beta-4](#)
- 7378423- [Pyrimidine compound and medical use thereof](#)
- 7396946- [Compound for treatment of external secretion disorders](#)
- 7399740- [Poly-Glu,Tyr for neuroprotective therapy](#)
- 7402564- [Synthetic peptide amides](#)
- 7407936- [Use of copolymer 1 and related peptides and polypeptides and T cells treated herewith for neuroprotective glaucoma therapy](#)
- 7410941- [Methods for treatment of neurodegenerative conditions by peripherally administered erythropoietin](#)
- 7410954- [Adenovirus serotype 30 \(Ad30\)](#)
- 7411001- [Oxygenated esters of 4-iodo phenylamino benzhydroxamic acids](#)
- 7411051- [Antibodies to HDPPA04 polypeptide](#)
- 7414071- [Methods of treatment with selective EP4 receptor agonists](#)
- 7417048- [Aryl-substituted derivatives of cycloalkyl and branched chain alkyl carboxylic acids useful as antinociceptive drugs for peripheral targets](#)
- 7396858- [Biguanide derivative and therapeutic agent for diabetes containing the same](#)

- 7393921- [Prostate-specific polypeptide pump and encoding nucleic acid molecules](#)
- 7393872- [Sodium channel blocker compositions and the use thereof](#)
- 7378436- [Compounds](#)
- 7381699- [Reagents and methods for smooth muscle therapies](#)
- 7381747- [Alpha 2 delta ligands for post-traumatic stress disorder](#)
- 7381800- [Antibodies to HBIMF63 polypeptide](#)
- 7384558- [Compositions capable of inhibiting reactive oxygen and carbonyl species](#)
- 7385012- [Polyamine polymers](#)
- 7385036- [Human tango 509 polypeptides](#)
- 7388023- [Amino acids with affinity for the .alpha.2.delta.-protein](#)
- 7390637- [Keratinocyte derived interferon](#)
- 7390659- [Methods for inducing differentiation of embryonic stem cells and uses thereof](#)
- 7417121- [Human G-protein coupled receptor, HGPRBMY39](#)

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