Seeded Amplification of Chronic Wasting Disease Prion
Mucosa-Associated Lymphoid Tissues from Elk by Real-

Journal of Clinical Microbiology

54, 1117-1126

DOI: 10.1128/jcm.02700-15

Citation Report

#	Article	IF	Citations
1	Factors That Improve RT-QuIC Detection of Prion Seeding Activity. Viruses, 2016, 8, 140.	1.5	67
2	Antemortem Detection of Chronic Wasting Disease Prions in Nasal Brush Collections and Rectal Biopsy Specimens from White-Tailed Deer by Real-Time Quaking-Induced Conversion. Journal of Clinical Microbiology, 2016, 54, 1108-1116.	1.8	56
3	Pathways of Prion Spread during Early Chronic Wasting Disease in Deer. Journal of Virology, 2017, 91, .	1.5	55
4	Extended and direct evaluation of <scp>RT</scp>â€Qu<scp>IC</scp> assays for Creutzfeldtâ€Jakob disease diagnosis. Annals of Clinical and Translational Neurology, 2017, 4, 139-144.	1.7	79
5	A New Standard for the Laboratory Diagnosis of Sporadic Creutzfeldt-Jakob Disease. JAMA Neurology, 2017, 74, 144.	4.5	0
6	Detection of Prions in Blood of Cervids at the Asymptomatic Stage of Chronic Wasting Disease. Scientific Reports, 2017, 7, 17241.	1.6	40
7	Ante-mortem detection of chronic wasting disease in recto-anal mucosa-associated lymphoid tissues from elk (Cervus elaphus nelsoni) using real-time quaking-induced conversion (RT-QuIC) assay: A blinded collaborative study. Prion, 2017, 11, 415-430.	0.9	20
8	Evolution of Diagnostic Tests for Chronic Wasting Disease, a Naturally Occurring Prion Disease of Cervids. Pathogens, 2017, 6, 35.	1.2	41
9	Amplified Detection of Prions and Other Amyloids by RT-QuIC in Diagnostics and the Evaluation of Therapeutics and Disinfectants. Progress in Molecular Biology and Translational Science, 2017, 150, 375-388.	0.9	23
10	Prion Diagnosis: Application of Real-Time Quaking-Induced Conversion. BioMed Research International, 2017, 2017, 1-8.	0.9	19
11	Scrapie, CWD, and Transmissible Mink Encephalopathy. Progress in Molecular Biology and Translational Science, 2017, 150, 267-292.	0.9	22
12	Design, implementation, and interpretation of amplification studies for prion detection. Prion, 2018, 12, 73-82.	0.9	10
13	Chronic wasting disease management in ranched elk using rectal biopsy testing. Prion, 2018, 12, 93-108.	0.9	33
14	Scientific opinion on chronic wasting disease (II). EFSA Journal, 2018, 16, e05132.	0.9	14
15	Are We Ready for Detecting Î±-Synuclein Prone to Aggregation in Patients? The Case of â€œProtein-Misfolding Cyclic Amplificationâ€•and â€œReal-Time Quaking-Induced Conversionâ€•as Diagnostic Tools. Frontiers in Neurology, 2018, 9, 415.	1.1	66
16	Pathologic and biochemical characterization of PrPSc from elk with PRNP polymorphisms at codon 132 after experimental infection with the chronic wasting disease agent. BMC Veterinary Research, 2018, 14, 80.	0.7	27
17	Chronic wasting disease: an evolving prion disease of cervids. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 153, 135-151.	1.0	50
18	Use of different RT-QuIC substrates for detecting CWD prions in the brain of Norwegian cervids. Scientific Reports, 2019, 9, 18595.	1.6	11

#	Article	IF	Citations
19	Ultrasensitive RT-QuIC Seed Amplification Assays for Disease-Associated Tau, Î±-Synuclein, and Prion Aggregates. Methods in Molecular Biology, 2019, 1873, 19-37.	0.4	50
20	Potential of Microfluidics and Lab-on-Chip Platforms to Improve Understanding of â€œprion-likeâ€• Protein Assembly and Behavior. Frontiers in Bioengineering and Biotechnology, 2020, 8, 570692.	2.0	5
21	The utility of bank voles for studying prion disease. Progress in Molecular Biology and Translational Science, 2020, 175, 179-211.	0.9	8
22	Experimental oral transmission of chronic wasting disease to sika deer (Cervus nippon). Prion, 2020, 14, 271-277.	0.9	10
23	Stilbene Compounds Inhibit the Replications of Various Strains of Prions in the Levels of Cell Culture, PMCA, and RT-QuIC Possibly via Molecular Binding. ACS Chemical Neuroscience, 2020, 11, 2117-2128.	1.7	4
24	An Ex Vivo Brain Slice Culture Model of Chronic Wasting Disease: Implications for Disease Pathogenesis and Therapeutic Development. Scientific Reports, 2020, 10, 7640.	1.6	11
25	Detection of Pathognomonic Biomarker PrPSc and the Contribution of Cell Free-Amplification Techniques to the Diagnosis of Prion Diseases. Biomolecules, 2020, 10, 469.	1.8	10
26	Management of chronic wasting disease in ranched elk: conclusions from a longitudinal three-year study. Prion, 2020, 14, 76-87.	0.9	11
27	Selective Breeding for Disease-Resistant PRNP Variants to Manage Chronic Wasting Disease in Farmed Whitetail Deer. Genes, 2021, 12, 1396.	1.0	9
28	Detection and Diagnosis of Prion Diseases Using RT-QuIC: An Update. Neuromethods, 2017, , 173-181.	0.2	1
29	Cross-validation of the RT-QuIC assay for the antemortem detection of chronic wasting disease in elk. Prion, 2020, 14, 47-55.	0.9	21
30	Detection of chronic wasting disease prion seeding activity in deer and elk feces by real-time quaking-induced conversion. Journal of General Virology, 2017, 98, 1953-1962.	1.3	39
31	Estimating chronic wasting disease susceptibility in cervids using real-time quaking-induced conversion. Journal of General Virology, 2017, 98, 2882-2892.	1.3	20
32	Inactivation of Prions and Amyloid Seeds with Hypochlorous Acid. PLoS Pathogens, 2016, 12, e1005914.	2.1	66
33	Self-propagating, protease-resistant, recombinant prion protein conformers with or without in vivo pathogenicity. PLoS Pathogens, 2017, 13, e1006491.	2.1	31
34	The Role of the Nasal Cavity in the Pathogenesis of Prion Diseases. Viruses, 2021, 13, 2287.	1.5	1
35	RT-QuIC as ultrasensitive method for prion detection. Cell and Tissue Research, 2022, , 1.	1.5	5
36	Assessment of Real-Time Quaking-Induced Conversion (RT-QuIC) Assay, Immunohistochemistry and ELISA for Detection of Chronic Wasting Disease under Field Conditions in White-Tailed Deer: A Bayesian Approach. Pathogens, 2022, 11, 489.	1.2	6

#	Article	IF	Citations
38	Longitudinal detection of prion shedding in nasal secretions of CWD-infected white-tailed deer. Journal of General Virology, 2023, 104, .	1.3	2
39	Standardization of Data Analysis for RT-QuIC-Based Detection of Chronic Wasting Disease. Pathogens, 2023, 12, 309.	1.2	1
40	The Zoonotic Potential of Chronic Wasting Diseaseâ€"A Review. Foods, 2023, 12, 824.	1.9	4
41	Tonsil biopsy to detect chronic wasting disease in white-tailed deer (Odocoileus virginianus) by immunohistochemistry. PLoS ONE, 2023, 18, e0282356.	1.1	1