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E-mail: Lukasz.Joachimiak@utsouthwestern.edu

Education:

2007 **Ph.D.**, Biochemistry - University of Washington, Seattle, WA

Advisor: David Baker

2000 **B.S.**, Biochemistry - University of Wisconsin, Madison, WI

Advisor: Elizabeth A. Craig

Professional Experience:

2023- present	Associate Professor, University of Texas Southwestern Medical Center , Center for Alzheimer's and Neurodegenerative Diseases, Peter O'Donnell Jr. Brain Institute Investigator, Department of Biochemistry
2016 – 2023	Assistant Professor, University of Texas Southwestern Medical Center , Center for Alzheimer's and Neurodegenerative Diseases, Peter O'Donnell Jr. Brain Institute Investigator, Department of Biochemistry
2013 - 2016	Senior Scientist Pacific Biosciences , Computational Structural Biology
2012 – 2013	Basic Life Science Research Associate Stanford University , Department of Biological Sciences Advisor: Dr. Judith Frydman
2008 – 2012	Postdoctoral Fellow Stanford University , Department of Biological Sciences Advisor: Dr. Judith Frydman
2007 - 2008	Postdoctoral Fellow University of Washington , Department of Biochemistry Advisor: Dr. David Baker
2000 – 2001	Research Associate University of Wisconsin, Madison, WI , Department of Biochemistry Advisor: Dr. Ivan Rayment
1998 – 2000	Undergraduate Research University of Wisconsin, Madison, WI , Department of Biomolecular Chemistry Advisor: Dr. Elizabeth A. Craig

Meetings and Presentations:

2023 **Invited Speaker**, Weill Cornell Medicine, Progress in Neuroscience Seminar, NYC.

2023 **Invited Speaker**, NIH NIDDK-Laboratory of Molecular Biology, Bethesda, Maryland.

2023 **Invited speaker**, Protein Homeostasis Protein Homeostasis and the Challenges of Environment, Aging and Disease, Gordon Research Conference, Barga, Italy.

2023 **Invited Speaker**, IQF-CSIC, Madrid, Spain.

2023 **Invited Speaker**, Stowers Institute, Kansas City, Missouri.

2023 **Invited speaker**, 2nd Workshop on JDPs, Gdansk, Poland.

2023 **Invited speaker**, ACS Spring 2023, Crossroads in Chemistry. Indianapolis. Hybrid.

2023 **Invited speaker**, Department of Biological Sciences, University of Idaho, Moscow.

2022 **Invited speaker**, Computational Systems Biology Seminar Series. UTSW

2022 **Invited speaker**, Protein Aggregation Meeting. Leuven, Belgium.

2022 **Invited speaker**, Zernike Institute for Advanced Materials/Department of Cell Biology, University of Groningen/UMCG, Groningen.

2022 **Invited speaker**, Institute for Neurodegenerative Diseases Seminar, UCSF. San Francisco. Virtual.

2022 **Invited speaker**, Cold Spring Harbor Laboratory Conference, Protein homeostasis in health and disease conference.

2022 **Invited speaker**, Biophysical Society Annual Meeting, San Francisco, Symposium on oligomeric chaperones.

2021 **Invited speaker**, University of South Florida, Molecular Medicine Bioscience Seminar.

2021 **Invited speaker**, 2nd Therapies Targeting Alzheimer's and Neurodegenerative Diseases, Virtual. "The molecular interactions that shape tau in disease"

2021 **Invited speaker**, EuroTau 2021, Lille, France

2021 **Invited speaker**, Protein Aggregation: From Structure to In Vivo Sequelae, FASEB conference, Virtual

2021 **Invited speaker**, EPFL Cell and Protein Homeostasis Webinar, Virtual

2021 **Invited speaker**, ACS spring 2021, Biological Chemistry session, Understanding and Treating Diseases, Virtual

2020 **Invited speaker and session chair**, CASP14, Impacts of Models on Biology and Data-guided modeling efforts, Virtual

2020 **Invited speaker**, Protein Homeostasis in Health and Disease, Cold Spring Harbor Laboratory Conference, Virtual

2020 **Invited speaker**, Meet the scientist seminar, hosted by curePSP, Virtual

2019 **Invited speaker**, 5th International Conference on Protein & RNA Structure Prediction, Punta Cana, Dominican Republic

2019 **Invited speaker**, The International Symposium on Neurodegenerative Diseases, Dallas, TX

2019 **Invited speaker**, Protein Aggregation: From Structure to In Vivo Sequelae, FASEB conference, Snow Mass, CO

2019 **Invited speaker**, Texas Protein Folders and Function Meeting, Artesian Lakes, TX

2018 **Poster**, Protein Homeostasis in Health and Disease, Cold Spring Harbor Laboratory Conference, NY

2017 **Poster**, Protein Aggregation in Health and Disease, FASEB conference, Steamboat Springs, CO

2016 **Poster**, Folding in the Cell, FASEB conference, Saxton River, VT

2012 **Invited spotlight speaker**, Biomedical Computation at Stanford, 13th Ann. Symposium

2012 **Invited speaker and poster**, Molecular Chaperones and Stress, Cold Spring Harbor Laboratory Conference, NY

2011 **Invited seminar**, Department of Biological Sciences, Stanford University, CA

2011 **Invited speaker**, Nanomedicine Protein Folding Center, UCSD, CA

2011 **Invited speaker**, Nanomedicine Protein Folding Center, Stanford University, CA

2010 **Poster**, Biophysical Society 54th Annual Meeting, San Francisco, CA

2010 **Invited speaker**, Nanomedicine Protein Folding Center, Santa Cruz, CA
 2008 **Invited speaker and poster**, Folding in the Cell, FASEB conference, Saxton River, VT
 2007 **Invited speaker**, IIMCB workshop, Warszawa, Poland
 2006 **Invited seminar**, FHCRC Basic Sciences Seminar Series, Seattle, WA
 2006 **1st Place Poster Award and speaker**, Reversible Associations in Structural and Molecular Biology, Gordon Research Conference, Ventura, CA
 2004 **Invited seminar**, FHCRC Basic Sciences Seminar Series, Seattle, WA

Awarded Grants, Fellowships and Honors:

2023-2025 **Chan Zuckerberg Initiative Collaborative Pairs Pilot Grant (\$100,000/year)**
 2023-2028 **NIH R01 (RF1AG083876) (\$100,000/yr)**
 2023-2028 **NIH R01 (RF1AG076459) (\$250,000/yr)**
 2022-2025 **TARCC (946665) (\$150,000/yr)**
 2022-2027 **NIH R01 (RF1AG078888) (\$250,000/yr)**
 2021-2022 **Chan Zuckerberg Initiative Seed Grant (\$50,000/yr)**
 2020-2023 **Welch Foundation Grant (\$85,000/yr)**
 2020-2025 **NIH MPI R01 (RF1AG065407) (\$150,000/yr)**
 2019-2022 **NIH U01 (1U01CA242115-01) (\$65,000/yr)**
 2019-2022 **CurePSP Foundation (\$40,000/yr)**
 2019-2022 **Bright Focus Foundation (\$100,000/yr)**
 2018-2022 **Chan Zuckerberg Initiative Collaborative Science Grant (\$117,000/yr)**
 2018-2019 **O'Donnell Brain Institute Translational Grant (\$75,000/yr)**
 2017-2020 **Welch Foundation Grant (\$65,000/yr)**
 2016- **Effie Marie Cain Scholar in Biomedical Research**
 2012-2014 **DOE Biosciences Grant**
 2010 **Stanford University Postdoctoral (SUPD) mentoring award**
 2010-2013 **NIH NRSA Postdoctoral Fellowship (F32-GM090660)**
 2003-2005 **NIH Molecular Biophysics Graduate Training Grant (T32-GM008268)**
 1999 **Hilldale Undergraduate Fellowship**

Service (selected):

2013- present Ad hoc peer reviewer for scientific publications (in alphabetical order: ACS Chem Bio, *eLife*, *FEBS*, *JACS*, *JACS Au*, *JBC*, *JMB*, *MCP*, *NSMB*, *Nature Comm*, *PNAS*, *Science Advances*, *Scientific Reports* and *Structure*)
 2019 Ad hoc grant reviewer, Medical Research Council, UK
 2020-present Special Edition Topic Editor, "Probing protein conformational plasticity", *Frontiers in Molecular Biosciences*
 2020-present Journal Topic Advisory Board, *Molecular Structure and Dynamics*, *Biomolecules*
 2022-present Editorial Board, *Molecular Biophysics*, *Frontiers in Molecular Biosciences*
 2022 Ad hoc grant reviewer, Fondation Recherche Alzheimer
 2023-present Editorial Board, *Scientific Reports*

2023

Ad hoc reviewer, NIH CSR F05-Q and 2024/05 ZAG1 ZIJ-J (M1) Fellowship panel study section

Teaching and Mentoring (selected):

Since 2016, I have mentored 6 postdoctoral scholars, 7 PhD students (3 have defended their PhD), 15 rotation students, 4 undergraduate students through the Summer Undergraduate Research Fellowship (SURF), 6 Full Bright exchange students and 1 Green Fellow (through UTD). I have been on 8 qualification exam committees for the Molecular Biophysics Program since 2017. I have also been on 12 thesis committees at UTSW.

Formal Teaching and Leadership Experience:

05/2022–	Proteins Thread Director, UT Southwestern Graduate School Core Course
09/2021–	Coordinator for Computational Systems Biology Journal Club and Seminar series
02/2020 –	Lecturer, Macromolecules II, UT Southwestern Graduate School Core Course
08/2016 –	Molecular Chaperones Lecture, UT Southwestern Graduate School Core Course
06/2016 – 05/2022	Proteins Thread Discussion Literature Coordinator and Leader, UT Southwestern Graduate School Core Course
11/2013 – 5/2016	Project Management, Computational protein and analog design
11/2013 – 5/2016	Project Management, Phi29 sequencing-based mutant screening pipeline
11/2013 – 5/2016	Project Management, Phage display-based Phi29 optimization
11/2013 – 5/2016	Project Management, Characterization of <i>in vitro</i> selection libraries using the PacBio RS II
11/2013 – 5/2016	Project Management, Phi29 structural biology
07/2013 – 9/2013	Mentored Undergraduate Amgen Scholar
06/2012 – 6/2013	Mentored Undergraduate Honors Thesis
05/2010 – 6/2012	Mentored Undergraduate Honors Thesis (<i>Awarded highest honors</i>)
12/2010 – 2/2012	Mentored rotation student
05/2008 – 6/2010	Mentored Undergraduate Honors Thesis (<i>Awarded highest honors and Firestone medal of excellence in undergraduate research</i>)
4/2008 – 5/2008	Mentored rotation student
2001 – 2002	Teaching Assistant for Advanced Biochemistry Course, University of Washington, Department of Biochemistry

Publications (h-index 21):

1. Bali S, Singh R, Wydorski PM, Wosztyl A, Perez VA, Chen D, Rizo J, **Joachimik LA**. *Ensemble-based design of tau to inhibit aggregation while preserving biological activity*. **bioRxiv**. 2023 Dec 14:2023.12.13.571598. doi: 10.1101/2023.12.13.571598. (PMID: 38168322)
2. Sari L, Bali S, **Joachimik LA**, Milo L. *Hairpin trimer transition state of amyloid fibril*. **Nat Commun**. 2024 Mar 24;15(1):2756. doi: 10.1038/s41467-024-46446-x. (PMID 38553453)
3. Rios MU, Bagnucka MA, Ryder BD, Ferreira Gomes B, Familiari NE, Yaguchi K, Amato M, Stachera WE, **Joachimik LA**, Woodruff JB. *Multivalent coiled-coil interactions enable full-scale*

- centrosome assembly and strength*. 2024 **J Cell Biol**. 2024 Apr 1;223(4):e202306142. doi: 10.1083/jcb.202306142. (PMID: 38456967)
4. Ryder BD, Boyer DR, Ustyantseva E, Mendoza-Oliva A, Kuska MI, Wydorski PM, Sawaya M, Diamond MI, Eisenberg DS, Kampinga HH, **Joachimik LA**. *DNAJB8 oligomerization is mediated by an aromatic-rich motif that is dispensable for substrate activity*. **Structure**. 2024 Mar 8:S0969-2126(24)00055-8. doi: 10.1016/j.str.2024.02.015. (PMID 38508190)
 5. Westphal K and **Joachimik LA**. *Mapping Hsp104 structure and substrate interactions using crosslinking mass spectrometry*. 2022 **bioRxiv**. Cold Spring Harbor Laboratory. doi.org/10.1101/2022.08.19.504539. under revision
 6. Chlebowicz J, Russ W, Chen D, Vega A, Vernino AS, White CL, Rizo J, **Joachimik LA**, Diamond MI. *Saturation mutagenesis of α -synuclein reveals monomer fold that modulates aggregation*. **Sci Adv**. 2023 Oct 27 vol 9, Issue 43. doi:10.1126/sciadv.adh345 (PMID: 37889966)
 7. Hitt BD, Gupta A, Singh R, Yang T, Beaver JD, Shang P, White CL 3rd, **Joachimik LA**, Diamond MI. *Anti-tau antibodies targeting a conformation-dependent epitope selectively bind seeds*. **JBC**. 2023 Sep 13;105252. doi: 10.1016/j.jbc.2023.105252 (PMID 37714465)
 8. Perez VA, Sanders DW, Mendoza-Oliva A, Stopschinski BE, Mullapudi V, White CL, **Joachimik LA**, Diamond MI. *DnaJC7 specifically regulates tau seeding*. 2023 **eLife** Jun 30;12:e86936. doi: 10.7554/eLife.86936 (PMID 37387473)
 9. Humphreys JM, Teixeira LR, Akella R, He H, Kannagara AR, Sekulski K, Pleinis J, Liwocha J, Jiou J, Servage KA, Orth K, **Joachimik LA**, Rizo J, Cobb MH, Brautigam CA, Rodan AR, Goldsmith EJ. *Hydrostatic Pressure Sensing by WNK kinases*. **Mol Biol Cell** 2023 Aug 16; mbcE23030113. doi: 10.1091/mbc.E23-03-0113 (PMID 37585288)
 10. Li Li, Nguyen B, Mullapudi V, Saelices L, **Joachimik LA**. *Disease-associated patterns of acetylation stabilize tau fibril formation*. **Structure**. 2023 Jun 20;S0969-2126(23)00196-X. doi: 10.1016/j.str.2023.05.020 (PMID 37348495)
 11. Osipiuk J, Wydorski PM, Lanham BT, Tesar C, Endres M, Engle E, Jedrzejczak R, Mullapudi V, Michalska K, Fidelis K, Fushman D, Joachimik A, **Joachimik LA**. *Dual domain recognition determines SARS-CoV-2 PLpro selectivity for human ISG15 and K48-linked di-ubiquitin*. **Nat Commun**. 2023 Apr 25;14(1):2366. doi: 10.1038/s41467-023-38031-5. (PMID 37185902)
 12. Chen D, Bali S, Singh R, Wosztal A, Mullapudi V, Vaquer-Alicea J, Parvathy J, Melhem S, Seelaar H, van Swieten JC, Diamond MI, **Joachimik LA**. *FTD-tau S320F mutation stabilizes local structure and allosterically promotes amyloid motif-dependent aggregation*. 2023 **Nat Commun**. Mar 23;14(1):1625; doi: 10.1038/s41467-023-37274-6. (PMID 36959205)
 13. Mullapudi V, Vaquer-Alicea J, Bommereddy V, Vega A, Ryder BD, White CL, Diamond MI, **Joachimik LA**. *Network of hotspot interactions cluster tau amyloid folds*. 2023 **Nat Commun**. Feb 20;14(1):895.2023; doi.org/10.1038/s41467-023-36572-3 (PMID 36797278)
 14. Nakahara E, Mullapudi V, **Joachimik LA**, Hulleman JD. *Development of a new DHFR-based destabilizing domain with enhanced basal turnover and applicability in mammalian systems*. 2022 Sept 19. **ACS Chem. Biol**. (PMID 36122928)
 15. Wickramaratne AC, Li Li, Hopkin JB, **Joachimik LA**[#], Green CB[#]. *The disordered amino terminus of the circadian enzyme Nocturnin modulates its NADP(H) phosphatase activity by changing protein dynamics*. **Biochemistry**. 2022 May 5; doi.org/10.1021/acs.biochem.2c00072 (PMID 35535990) [#]co-corresponding authors
 16. Mirbaha H, Chen D, Mullapudi V, Terpack SJ, White CL, **Joachimik LA**, Diamond MI. *Seed-competent tau monomer initiates pathology in PS19 tauopathy mice*. 2022. **JBC**. 2022 Jun 21;102163. doi: 10.1016/j.jbc.2022.102163 (PMID 35750209)
 17. Hou Z, Wydorski PM, Perez VA, Mendoza-Oliva A, Ryder BD, Mirbaha H, Kashmer O, **Joachimik LA**. *DnaJC7 binds natively folded structural elements in tau to inhibit amyloid formation*. **Nat Commun**. 2021 Sep 9; 12(1):5338. PubMed PMID: 34504072.
 18. Hou Z, Chen D, Ryder BD, **Joachimik LA**. *Biophysical properties of a tau seed*. **Scientific Reports**. 2021 2021. Jun 30 ;11(1):13602 (PMID: 34193922)
 19. Ryder BD, Matlahov I, Bali S, Vaquer-Alicea J, van der Wel PCA, **Joachimik LA**. *Regulatory inter-domain interactions influence Hsp70 recruitment to the DnaJB8 chaperone*. **Nat Commun**. Feb 11;12(1):946.2021 (PMID 33574241)

20. Chen D, Drombosky KW, Hou Z, Sari L, Kashmer OM, Ryder BD, Perez VA, Woodard DR, Lin MM, Diamond MI, **Joachimik LA**. *Tau local structure shields amyloid motif and controls aggregation propensity*. **Nat Commun**. June 7. 2019 (PMID 31175300)
21. Gestaut D, Roh SH, Ma B, Pintilie G, **Joachimik LA**, Leitner A, Walzthoeni T, Aebersold R, Chiu W, Frydman J. *The chaperonin TRiC/CCT associates with Prefoldin through a conserved electrostatic interface essential for cellular proteostasis*. **Cell**. 2019 Mar 22 (PMID 30955883)
22. Mirbaha H, Chen D, Morozova OA, Ruff KM, Sharma A, Pappu RV, Colby DW, Mirzaei H, **Joachimik LA**[#], Diamond MI[#]. *Inert and seed-competent tau monomers elucidate the structural origins of aggregation*. **eLife** 2018 Jul 10. [#]co-corresponding authors (PMID 29988016)
23. Baías M, Smith PES, Shen K, **Joachimik LA**, Zerko S, Kozminski W, Frydman J, Frydman L. *Structure and Dynamics of the Huntington exon-1 N-terminus: A solution NMR perspective* **J Am Chem Soc** 2017 Jan 13 (PMID 28085263)
24. Walzthoeni T, **Joachimik LA**, Rosenberger G, Röst H, Malmström L, Leitner A, Frydman J and Aebersold R. *xTract: a software to quantify chemical cross-links by mass spectrometry*. **Nat Methods** 2015 Oct 26 (PMID 26501516)
25. **Joachimik LA**, Walzthoeni T, Liu C, Aebersold R, Frydman J. *The structural basis for substrate recognition by the eukaryotic chaperonin TRiC/CCT*. **Cell** 2014 Nov 20 (PMID 25416944) Preview: Zhuravleva A, Radford SE. *How TriC folds tricky proteins*. **Cell** 2014 Dec 4;159(6):1251-2. (PMID25480290)
26. Leitner A, **Joachimik LA**, Unverdorben P, Walzthoeni T, Förster F, Aebersold R. *Chemical cross-linking/mass spectrometry targeting acidic residues in proteins and protein complexes*. **Proc Natl Acad Sci USA** 2014 Jul 1 (PMID:24938783)
27. Sontag EM, **Joachimik LA**, Tan X, Tomlinson A, Hausman DE, Glabe CG, Potkin SG, Frydman J, Thompson LM. *Exogenous delivery of chaperonin subunit fragment ApiCCT1 modulates mutant Huntingtin cellular phenotypes*. **Proc Natl Acad Sci USA** 2013 Jan 30 (PMID 23365139)
28. **Joachimik LA**[#], Reissmann S^{*}, Chen B, Meyer A, Nguyen A, Frydman J[#]. *A gradient of ATP affinities generates an asymmetric power stroke driving the cycle of chaperonin TRiC/CCT*. **Cell Reports**. 2012 Oct 3; S2211-1247(12) (PMID 23041314)^{*}these authors contributed equally, [#]co-corresponding authors
29. **Joachimik LA**^{*}, Leitner A^{*}, Bracher A^{*}, Mönkemeyer L^{*}, Walzthoeni T^{*}, Chen B, Pechmann S, Holmes S, Cong Y, Ma B, Ludtke S, Chiu W, Hartl FU, Aebersold R, Frydman J. *The molecular architecture of the eukaryotic chaperonin TRiC/CCT*. **Structure**. 2012 May 9; 20(5):814-25. (PMID 22503819)
30. Zhang J, Ma B, DiMaio F, Douglas NR, **Joachimik LA**, Baker D, Frydman J, Levitt M and Chiu W. *Cryo-EM structure of a group II chaperonin in the prehydrolysis ATP-bound state leading to lid closure*. **Structure**. 2011 May 11;19(5):633-9. (PMID:21565698)
31. **Joachimik LA**^{*}, Karanicolas J^{*}, Corn JE^{*}, Chen I^{*}, Dym O, Chung S, Albeck S, Unger T, Hu W, Liu G, Delbecq S, Montelione G, Spiegel C, Liu D and Baker D. *A de novo binding pair by computational design and in vitro evolution*. **Mol Cell**. 2011 Apr 22;42(2):250-60. (PMID:21458342)
32. Tam S, Spiess C, Auyeung W, **Joachimik LA**, Chen B, Poirier MA and Frydman J. *The chaperonin TRiC blocks a huntingtin sequence element that promotes the conformational switch to aggregation*. **Nat Struct Mol Biol**. 2009 Nov 15 (PMID: 19915590) Rated "Recommended" Faculty of 1000
33. Keeble AH, **Joachimik LA**, Mate MJ, Meenan N, Kirkpatrick N, Baker D and Kleanthous C. *Experimental and computational analysis of the energetic basis for dual recognition of immunity proteins by colicin endonucleases*. **Journal of Molecular Biology**. 2008 Jun 13;379(4):745-59. (PMID:18471830)
34. **Joachimik LA**, Kortemme T, Stoddard BS and Baker D. *Computational design of a new hydrogen bond network and a greater than 300-fold specificity switch at a protein-protein interface*. **Journal of Molecular Biology**. 2006 Aug 4;361(1):195-208. (PMID:16831445) Rated "Recommended" Faculty of 1000

35. Nair BM, **Joachimiak LA**, Chattopadhyay S, Montano I and Burns JL. *Conservation of a novel protein associated with an antibiotic efflux operon in Burkholderia cenocepacia*. **FEMS Microbiology Letters**. 2005 Apr 15;245(2):337-44. (PMID:15837391)
36. **Joachimiak LA***, Kortemme T*, Bullock AN*, Schuler AD, Stoddard BL and Baker D. *Computational redesign of protein-protein interaction specificity*. **Nat Struct Mol Biol**. 2004 Apr;11(4):371-9. (PMID:15034550) *equal contribution

Reviews, Previews and Book chapters:

1. Chen D and **Joachimiak LA**. *Cross-linking Mass Spectrometry Analysis of Metastable Compact Structures in Intrinsically Disordered Proteins*. **Methods Mol Biol**. 2023; 2551:189-201. doi: 10.1007/978-1-0716-2597-2_13. (PMID: 36310204)
2. Joachimiak LA. *The interactions that shape amyloid fibrils in disease*. **Structure**. 2022 Aug 4. <https://doi.org/10.1016/j.str.2022.07.003>. (PMID 35931058). Preview of van der Kant et al. *Thermodynamic analysis of amyloid fibril structures reveals a common framework for stability in amyloid polymorphs*. **Structure**. 2022 Aug 4. doi: [10.1016/j.str.2022.05.002](https://doi.org/10.1016/j.str.2022.05.002). (PMID 35609599)
3. Bali S and **Joachimiak LA**. *Modifying amyloid motif aggregation through local structure*. **Methods Mol Biol**. 2022; 2340:343-356. doi: 10.1007/978-1-0716-1546-1_15. (PMID: 35167081)
4. Ryder BD, Wydorski PM, Hou Z, **Joachimiak LA**. *Chaperoning shape-shifting tau*. **Trends Biochem Sci** 2022 Jan 16;S0968-0004(21)00278-4. (PMID 35045944)
5. Vaquer-Alicea J, Diamond MI, **Joachimiak LA**. *Tau strains shape disease*. **Acta Neuropathol**. 2021 Apr 8 (PMID 33830330)
6. Gestaut D, Limatola A, **Joachimiak LA**, Frydman J. *The ATP-powered gymnastics of TRiC/CCT: an asymmetric protein folding machine with a symmetric origin story*. **Curr Opin Struct Biol**. 2019 Apr 9 (PMID 30978594)

My Bibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/1X3fpNU1UYKk2/bibliography/public/>