

## List of publications

András Aszódi

### Online researcher profiles

<http://www.researcherid.com/rid/B-3393-2010>

[https://www.researchgate.net/profile/Andras\\_Aszodi](https://www.researchgate.net/profile/Andras_Aszodi)

### Book

Taylor, W. R. and Aszódi, A. (2004):

*Protein Geometry, Classification, Topology And Symmetry: A Computational Analysis of Structure.*

Institute of Physics Publishing (now Taylor and Francis). ISBN 978-0750309851

### Patent

Aversa, G., Kolbinger, F., Carballido-Herrera, J. M., Aszódi, A., Saldanha, J. W. and Hall, B. M.

(2010): Therapeutic binding molecules. *US patent 07825222.*

### Peer-reviewed papers

Aszódi, A. and Friedrich, P. (1987):

Molecular kinetic modeling of associative learning.

*Neuroscience* **22**, 37-48.

Friedrich, P. and Aszódi, A. (1989):

Cyclic AMP turnover and signal amplification.

*Biochem. J.* **257**, 621-623.

Keszei, E., Aszódi, A., Balázs, L. and Borosy, A. P. (1990):

Extrapolation to infinite dilution using a least-squares estimation.

*J. Chem. Educ.* **67**, 566-568.

Friedrich, P., Ádám, G., Aszódi, A. and Asztalos, Z. (1990):

Mechanistic aspects of the learning memory deficit of *dunce* mutants of *Drosophila*.

*Biol. Chem. Hoppe-Seylers (now Biological Chemistry)* **371**, 14.

Aszódi, A., Müller, U., Friedrich, P. and Spatz, H. C. (1991):

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*Proc. natl. Acad. Sci. USA* **88**, 5832-5836.

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*Pure Appl. Chem.* **64** , 1093-1097.

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*Indian J. Chem. (Section B)*, **32**, 181-185.

Aszódi, A. and Taylor, W. R. (1993):  
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*Comput. Appl. Biosci. (now Bioinformatics)* **9**, 523-529.

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*Biopolymers* **34**, 489-505.

Pintér, M., Aszódi, A., Friedrich, P. and Ginzburg, I. (1994):  
Calpeptin, a calpain inhibitor, promotes neurite elongation in differentiating pc12 cells.  
*Neurosci. Lett.* **170**, 91-93.

Aszódi, A. and Taylor, W. R. (1994):  
Secondary structure formation in model polypeptide chains.  
*Protein Engng.* **7**, 633-644.

Aszódi, A. and Taylor, W. R. (1995):  
Estimating polypeptide alpha-carbon distances from multiple sequence alignments.  
*J. Math. Chem.* **17**, 167-184.

Aszódi, A., Gradwell, M. J. and Taylor, W. R. (1995):  
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*J. Mol. Biol.* **251**, 308-326.

Werner, E., Holder, A. A., Aszódi, A. and Taylor, W. R. (1996):  
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*Protein & Peptide Letters* **3**, 139-145.

Aszódi, A. and Taylor, W. R. (1996):  
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*Folding & Design (now Structure)* **1**, 325-334.

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Höfingner, S., Schindler, T. and Aszódi, A. (2002):  
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Billich, A., Aschauer, H., Aszódi, A. and Stütz, A. (2004):  
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Meisner, N.-C., Hackermüller, J., Uhl, V., Aszódi, A., Jaritz, M., Auer, M. (2004):  
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Hekimoglu-Balkan, B., Aszódi, A., Heinen, R., Jaritz, M. and Ringrose, L. (2012):  
Intergenic Polycomb target sites are dynamically marked by non-coding transcription during lineage commitment.  
*RNA Biology* **9**, 314-325.

Aszódi, A. (2012):  
MULTOVL: Fast multiple overlaps of genomic regions.  
*Bioinformatics* **28**, 3318-3319.

### **Peer-reviewed conference proceedings**

Renner, A. and Aszódi, A. (2000):  
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*Pacific Symposium on Biocomputing* **5**, 54-65.

Renner, A., Lapp, H. and Aszódi, A. (2000):  
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### **Book chapters**

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*In: Bohr, H. and Brunak, S. (eds):*  
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Modelling secondary structure formation by distance geometry techniques.  
*In: Bohr, H. and Brunak, S. (eds):*  
Protein Structure by Distance Analysis , 222-236.  
IOS Press, Amsterdam

### **Other publications**

Aszódi, A. (2007):  
The perils of industrialization: How the industrialization of academic science has ruined research,  
and what we can do about it.  
*The Scientist 21*, 25.