

**Prof. Dr. Molnár Péter nemzetközi konferencia-előadásainak,
posztereinek jegyzéke**
(List of lectures and posters, presented on international conferences)

- 1.) J. Szabolcs, M. Baranyai, **P. Molnár**, G. Tóth: A Contribution to Carotenoid Chemistry *3rd International IUPAC Symposium on Carotenoids, Cluj-Napoca (Romania)*; 1972. Abstract of Communications, p. 23.
- 2.) J. Deli, Z. Matus, **P. Molnár**, G. Tóth, G. Szalontai, A. Steck and H. Pfander: Structural elucidation of natural Capsanthone isolated from black Paprika. *10th International Symposium on Carotenoids; Trondheim (Norway)*; 20-25 June 1993. P4-4.
- 3.) J. Deli, Z. Matus, **P. Molnár**, G. Tóth, G. Szalontai, A. Steck and H. Pfander: "Nigroxantin", (3',4',-Didehydro- β,γ -Carotene-3,6'-Diol) a novel Carotenoid from black Paprika. *10th International Symposium on Carotenoids; Trondheim (Norway)*; 20-25 June 1993. P4-5.
- 4.) A. Steck, M. Lanz, H. Pfander, J. Deli und **P. Molnár**: Die Strukturaufklärung des Carotinoids "Nigroxanthin". *16. Diskussionstagung Magnetische Resonanz an Biologischen Systemen, Witzenhausen (Deutschland)*, 28. September -1.Oktober 1994. P71.
- 5.) Matus Z., Deli J., **Molnár P.**, Tóth G: Identification of minor components in complex carotenoid mixtures. *3rd Symposium in Instrumental Analysis, Pécs (Hungary)*, May 2-5 1995. P5.
- 6.) Matus Z., Deli J., **Molnár P.**, Tóth G: Identification of minor components in complex carotenoids mixtures. *HPLC '95: 19th International Symposium on Column Liquid Chromatography and related techniques, Innsbruck (Austria)*, May 28- June 2, 1995. Abstract of papers II. p. 276 (P 530/2).
- 7.) Matus Zoltán, Deli József, **Molnár Péter**, Tóth Gyula: Identification of minor components in complex carotenoid mixtures. *Balaton Conference '95 on High Performance Separation Techniques, Siófok (Hungary)*, September 6-8 1995. Abstract P. 61.
- 8.) J. Deli, **P. Molnár**, Z. Matus, G. Tóth, A. Steck, H. Pfander: Isolation of Carotenoids with with3,5,6-Trihydroxy-5,6-Dihydro- β -End Groups from Red Paprika. *11th International Symposium on Carotenoids; Leiden (The Netherlands)*, August 18-23, 1996. p. 20.
- 9.) J. Deli, **P. Molnár**, Z. Matus, G. Tóth, A. Steck, H. Pfander: Structure Elucidation of Carotenoids Isolated from Petals of Liliun Tigrinum. *11th International Symposium on Carotenoids; Leiden (The Netherlands)*, August 18-23, 1996. p.62
- 10.) J. Deli, **P. Molnár**, Z. Matus, G. Tóth, A. Steck, H. Pfander: Partial Synthesis and Characterization of Capso-Karboxanthins and Capsanthin-3,6-Epoxides. *11th International Symposium on Carotenoids; Leiden (The Netherlands)*, August 18-23, 1996. p. 65.

- 11.) **Péter Molnár**, Bettina Grotz, Harald Stransky, Achim Hager: Substrate-Specificity of Violaxanthin-Deepoxidase. *11th International Symposium on Carotenoids; Leiden (The Netherlands)*, August 18-23, 1996. p.39.
- 12.) J. Deli, **P. Molnár** Z. Matus, G.Tóth: Carotenoid Composition in the Anthers of *Aesculus hippocastanum*. *4 th Symposium on Instrumental Analysis, Graz (Austria)*, May 20-23 1997. Abstracts P38.
- 13.) J. Deli, **P. Molnár**, Z. Matus, G.Tóth, A. Steck, H. Pfander: Isolation and Characterization of 3,5,6-Trihydroxy-Carotenoids from Petals of *Lilium Tigrinum*. *Balaton Symposium '97 on High Performance Separation Methods, Siófok (Hungary)*, September 3-5 1997. Abstracts p. 77.
- 14.) **Molnár Péter**: Handling of Carotenoids. Felkért előadóként tartott előadás. *2nd Central European Workshop on Carotenoids, Pécs (Hungary)*, May 18-24 1998.
- 15.) **Molnár P.**, Deli J., Matus Z.,Tóth G., Renneberg D., Pfander H.:Isomerization of (all-E)-Cucurbitaxanthin A. Preparation and Characterization of (9Z)-, (9'Z)-(13Z)- and (13'Z)-Cucurbitaxanthin A. *12th International Carotenoid Symposium, Cairns (Australia)*, July 19-23, 1999. Abstracts p. 45.
- 16.) Deli J., **Molnár P.**, Tóth G.: Carotenoid composition in the fruits of *Asparagus falcatus*. *12th International Carotenoid Symposium, Cairns (Australia)*, July 19-23, 1999. Abstracts p. 42
- 17.) Deli J., **Molnár P.**, Matus Z., Tóth G., Traber B., Pfander H.: „Prenigroxanthin”(β,γ-carotene-3,3',6'-triol) a novel carotenoid from red paprika (*Capsicum annuum*). *12th International Carotenoid Symposium, Cairns (Australia)*, July 19-23, 1999. Abstracts p. 40.
- 18.) Selva A., Mele A., **Molnár P.**, Tóth G.: Non-covalent associations of lycopene with α- or β-cyclodextrin in water. *12th International Carotenoid Symposium, Cairns (Australia)*, July 19-23, 1999. Abstracts p. 27.
- 19.) Oberholster R., Cowan A. K., **Molnár P.**, Tóth G.: A biochemical basis for colour as an aesthetic quality in *Citrus sinensis*. *12th International Carotenoid Symposium, Cairns (Australia)*, July 19-23, 1999. Abstracts p. 86.
- 20.) Phillip D. M., Hobe S., Paulsen H., **Molnár P.**, Young A. J.: Reconstitution of higher plant light-harvesting complexes using a single xanthophyll. *12th International Carotenoid Symposium, Cairns (Australia)*, Juli 19-23, 1999. Abstract p. 110.
- 21.) Deli J., **Molnár P.**, Ósz E., Tóth G.: Carotenoid Analysis of the Fruits of *Asparagus falcatus*; HPLC Controlled Isolation of 5,6-Diepikarpoxanthin. *Balaton Symposium '99 on High Performance Separation Methods, Siófok (Hungary)*, September 1-3, 1999. Abstracts P-14.
- 22.) Lóránd T., Deli J., **Molnár P.**, Tóth Gy.: FT-IR Study of some Carotenoids. *5th Symposium on Instrumental Analysis, Pécs (Hungary)*, October 24-27, 1999. Abstracts P-29.

- 23.) Deli J., **Molnár P.**, Ösz E., Tóth Gy., Häberli A., Pfander H.: Isolation and characterization of Carotenoids from the fruits of *Asparagus falcatus*.
5th Symposium on Instrumental Analysis, Pécs (Hungary), October 24-27, 1999.
Abstracts P-23.

- 24.) J. Molnár, I. Mucsi, J. Hohmann, J. T. Kiss, **P. Molnár**, G. Tóth, T. Thalhammer, D. Sharples and N. Motohashi: New compounds to reverse multidrug resistance of cancer cells.
New Anticancer Agents. International Conference Organized and Supported by the International Institute of Anticancer Research, Athens (Greece), 9-12 June 2001.
Abstract of Presentations in the Section of Pharmacology L-156.

- 25.) J. Molnár, A. Molnár, N. Gyémánt, **P. Molnár**, G. Tóth: Carotenoids to reverse multidrug resistance of cancer cells. Modulation of MDR on cancer cells by selected carotenoids.
New Anticancer Agents. International Conference Organized and Supported by the International Institute of Anticancer Research, Athens (Greece), 9-12 June 2001.
Abstract of Posters in the Section of Pharmacology: p. 296.

- 26.) T. Lóránd, **P. Molnár**, J. Deli and G. Tóth: FT-IR Spectroscopy of some seco- and apocarotenoids.
6th Symposium on Instrumental Analysis, Graz (Austria), 24-27 June 2001.
Abstract P55.

- 27.) **P. Molnár**, J. Deli, G. Tóth, A. Steck, A. Häberli, H. Pfander: (*E/Z*)-Isomerization of 5,6-Diepikarpoxanthin and of the Diastereomers of Violaxanthin (Section Lecture).
13th International Carotenoid Symposium, Honolulu, Hawaii (USA), 6-11 January, 2002. Program p. 20.

- 28.) E. Ösz, **P. Molnár**, F. Zsila, G. Tóth: Preparation and Characterization of (9*Z*,9'*Z*)-Lutein (Neolutein C).
13th International Carotenoid Symposium, Honolulu, Hawaii (USA), 6-11 January, 2002. Program p. 102.

- 29.) **P. Molnár**, H. Hashimoto, G. Tóth: Optical Absorption-. Raman- and FT-IR Study of various Natural and Semi-Synthetic (all-*E*)-Carotenoids.
13th International Carotenoid Symposium, Honolulu, Hawaii (USA), 6-11 January, 2002. Program p. 103.

- 30.) **P. Molnár**, G. Tóth, A. Steck, H. Pfander: Preparation of Mono-*Z*-Isomers of Semi-synthetic Violaxanthins and Determination of their Geometrical Configuration.
13th International Carotenoid Symposium, Honolulu, Hawaii (USA), 6-11 January, 2002. Program p. 104.

- 31.) **P. Molnár**, J. Deli, G. Tóth, A. Häberli, H. Pfander: Isomerization of (all-*E*)-5,6-Diepikarpoxanthin: Preparation and Characterization of (9*Z*)-, (9'*Z*)-, (13*Z*)-, (13'*Z*)-, and (15*Z*)-5,6-Diepikarpoxanthin.
13th International Carotenoid Symposium, Honolulu, Hawaii (USA), 6-11 January, 2002. Program p. 105.

- 32.) J. Deli, **P. Molnár**, E. Ösz, F. Zsila, G. Tóth: New Method for Preparation of Partially Acetylated Carotenoids by Sodium-Borohydride.
13th International Carotenoid Symposium, Honolulu, Hawaii (USA), 6-11 January, 2002. Program p. 133.
- 33.) **P. Molnár**, J. Deli, Z. Matus, E. Ösz, F. Zsila, G. Tóth: Isolation and (*E/Z*)-Isomerization of 3'-Epilutein; Preparation and Characterization of (9*Z*)-, (9'*Z*)-, (13*Z*)- and (13'*Z*)-Isomers of 3'-Epilutein
13th International Carotenoid Symposium, Honolulu, Hawaii (USA), 6-11 January, 2002. Program p. 133A.
- 34.) J. Molnár, A. Molnár, N. Gyémánt, **P. Molnár**: Modulation of multidrug resistance on cancer cells by selected carotenoids
Fourteenth International Congress on Anti-Cancer Treatment, Paris (France), 1st-4th February 2003. Abstract of poster presentations: P 296 in the Section of Pharmacology.
- 35.) Molnár József, Mucsi Ilona, Pusztai Rozália, Hohmann Judit, **Molnár Péter**:
Tumorsejtek multidrog rezisztenciájának gátlása *in vitro*
Erdélyi Múzeum-Egyesület Orvostudományi és Gyógyszerészeti Szakosztálya XIII. Tudományos Ülésszaka, Sepsiszentgyörgy (Erdély-Románia), 2003. május 29-31. Kivonatok 123, 66. old.
- 36.) **Molnár P.**, Deli J., Tóth Gy., Ördög V., Vörös L., Szabó L. Gy.: Carotenoid Composition of some Freshwater and Soil Algae
5th Balaton Symposium on High Performance Separation Methods, Siófok (Hungary), September 3-5, 2003. Abstract P 175.
- 37.) **Molnár P.**, Deli J., Ösz E., Szabó Z., Oláh P., Tóth Gy.: Separation and identification of lutein derivatives in processed foods
5th Balaton Symposium on High Performance Separation Methods, Siófok (Hungary), September 3-5, 2003. Abstract P 67.
- 38.) József Deli, **Péter Molnár**, Erzsébet Ösz, Gyula Tóth, Ferenc Zsila, Miklós Simonyi: The Stereochemistry of 3'-Epilutein
9th International Conference on Circular Dichroism in Chemistry and Life Sciences CD 2003. Budapest (Hungary), August 31-September 4, 2003. Abstract: p. 63.
- 39.) **Péter Molnár**, József Deli, Hanspeter Pfander, Gyula Tóth: The Carotenoid Composition in the Fruit of *Golden Delicious* Apples
7th International Symposium on Instrumental Analysis, Pécs (Hungary), September 21-24, 2003. Abstract: p. 47.
- 40.) József Deli, Péter Oláh, **Péter Molnár**, Gyula Tóth: Investigation of the Carotenoid Composition in Processed Paprika (*Capsicum annuum*)
7th International Symposium on Instrumental Analysis, Pécs (Hungary) September 21-24, 2003. Abstract: p. 80.

- 41.) **Péter Molnár**, József Deli, Erzsébet Ósz, Ferenc Zsila, Miklós Simonyi, Gyula Tóth: Confirmation of the (3*R*,3'*S*,6'*R*)-Chirality of 3'-Epilutein and (*E/Z*)-Isomerization of this Carotenoid
Bioorganic Chemistry Meeting organized by the Bioorganic Chemistry Group of the Hungarian Academy of Sciences, Chemical Research Center, Budapest (Hungary), December 4-5, 2003. Abstract: p. 9.
- 42.) József Deli, **Péter Molnár**, Erzsébet Ósz, Zoltán Szabó, Péter Oláh, Gyula Tóth: What do We Eat: Lutein or Epilutein?
Bioorganic Chemistry Meeting organized by the Bioorganic Chemistry Group of the Hungarian Academy of Sciences, Chemical Research Center, Budapest (Hungary), December 4-5, 2003. Abstract: p. 8.
- 43.) J. Molnár, N. Gyémánt, M. Tanaka, I. Mucsi, K. Ugocsai, J. Hohmann, M.-J. Umbelino Ferreira, **P. Molnár**, R. Didziapetris: Reversal of Multidrug Resistance: Modification of Rhodamine Accumulation by Selected Flavonoids and Carotenoids and Related Compounds
New Anticancer Agents. 7th International Conference of Anticancer Research, Corfu (Greece), 25-30. October 2004. Abstract of Presentations: p. 3568.
- 44.) R. Didziapetris, M. Tanaka, J. Deli, **P. Molnár**, N. Gyémánt, P. Jurgutis: Critical Compilation of P-GP Inhibition Data and Development of Predictive Algorithms
New Anticancer Agents. 7th International Conference of Anticancer Research, Corfu (Greece), 25-30. October, 2004. Abstract of Presentations: p. 3569.
- 45.) **P. Molnár**, H. Hashimoto, G. Tóth: Comparison of Optical Absorption-, Raman- and FT-IR-Spectroscopic Data of Several Natural and Semisynthetic (all-*E*)-Carotenoids
14th International Carotenoid Symposium, Edinburgh, Scotland, 17th-22nd July, 2005. *Carotenoid Science* (Ed. H. Hashimoto), Vol. 9, July 2005. Abstract of the papers, p. 167.
- 46.) **P. Molnár**, J. Deli, E. Ósz, G. Tóth, F. Zsila, C. Herrero, J. T. Landrum: Preparation and Spectroscopic Characterization of 3'-Oxolutein (Ketolutein)
14th International Carotenoid Symposium, Edinburgh, Scotland, 17th-22nd July, 2005. *Carotenoid Science* (Ed. H. Hashimoto), Vol. 9, July 2005. Abstract of the papers, p. 168.
- 47.) **P. Molnár**, L. W. Levy, J. Deli: The effect of Acid on Lutein and on Lutein Esters
14th International Carotenoid Symposium, Edinburgh, Scotland, 17th-22nd July, 2005. *Carotenoid Science* (Ed. H. Hashimoto), Vol. 9, July 2005. Abstract of the papers, p. 169.
- 48.) J. Deli, **P. Molnár**, E. Ósz, M. D. Grynbaum, P. Hentschel, K. Albert: Structure elucidation of Naturally Occurring and Semisynthetic Anhydrolutein-Isomers
14th International Carotenoid Symposium, Edinburgh, Scotland, 17th-22nd July, 2005. *Carotenoid Science* (Ed. H. Hashimoto), Vol. 9, July 2005. Abstracts of the papers, p. 170.
- 49.) **P. Molnár**, J. Deli, T. Konovalova, M. Bowman, L. Focsan, L. Kispert: Pulse EPR Characterization of Zeaxanthin and Violaxanthin Radical Cations on Silica alumina
14th International Carotenoid Symposium, Edinburgh, Scotland, 17th-22nd July, 2005. *Carotenoid Science* (Ed. H. Hashimoto), Vol. 9, July 2005. Abstracts of the papers, p. 171.

- 50.) T. Konovalova, L. Focsan, L. Kispert, M. Bowman, **P. Molnár**, J. Deli: HYSCORE and Pulsed ENDOR Characterization of Zeaxanthin and Violaxanthin Radical Cations on Silica Alumina
47th Rocky Mountain Conference on Analytical Chemistry, Grand Hyatt, Denver, Denver, Colorado (USA), July 31- August 4, 2005. Final Program and Abstracts 84, p. 56
- 51.) **P. Molnár**, J. Deli, H. Pfander: Separation and Identification of Carotenoids in the Fruit of Quince (*Cydonia oblonga* Mill.)
6th Balaton Symposium on High Performance Separation Methods, Siófok (Hungary), September 7-9, 2005. Book of Abstracts, P-44.
- 52.) K. Albert, M. D. Grynbaum, P. Hentschel, K. Putzbach, J. Rehbein, P. Schuler, N. Welsch, J. Deli, **P. Molnár**: On-line LC/NMR Coupling
6th Balaton Symposium on High Performance Separation Methods, Siófok (Hungary), September 7-9, 2005. Book of Abstracts, L-30.
- 53.) **P. Molnár**, J. Deli, H. Pfander: The Carotenoid Composition in the Fruit of Quince
8th Symposium on Instrumental Analysis, St. Martin's Castle, Graz (Austria), September 25-28, 2005. Symposium Abstracts, P59, p. 98.
- 54.) Grynbaum, M. D., Hentschel, P., **Molnár, P.**, Putzbach, K., Rehbein, J., Deli, J., Albert K.: Structure Elucidation of Deoxylutein II (Anhydrolutein I) Isomers by on-line Capillary HPLC ¹H-NMR
11th International Symposium on Separation Sciences, Pardubice (Czech Republic), September 12-14, 2005.
- 55.) J. Molnár, M. Demirel-Kars, H. Engi, G. Spengler, N. Gyémánt, **P. Molnár**, U. Schumacher, J. Makoviczky: Reversal of Resistance of Cancer Cells by Inhibition of Efflux Pump
János Fischer Memorial Symposium, Biological Research Center of the Hungarian Academy of Sciences, Szeged (Hungary), 15-16 September, 2006.
Abstracts of presentations, p. 13.
- 56.) L. D. Kispert, N. E. Polyakov, T. A. Konovalova, Y. Gao, A. L. Focsan, J. Lawrence, **P. Molnár**: Magnetic Resonance and Electron Transfer Studies of Host-Guest Complexes of Carotenoids
Proceedings of the 38th DOE Solar Photochemistry Research Conference, Warrenton, VA, USA, June 4-7, 2006.
- 57.) T. Konovalova, D. Dixon, L. Focsan, L. D. Kispert, M. Bowman, **P. Molnár**: Detection of Hyperfine Components of Zeaxanthin and Violaxanthin Radicals: HYSCORE and Pulse ENDOR Study
5th Asia-Pacific EPR/ESR Symposium, Novosibirsk, Russia, August 24-29, 2006.
- 58.) L. D. Kispert, T. A. Konovalova, J. Lawrence, A. L. Focsan, **P. Molnár**: Radical Cations in Metal Substituted MCM-41-Molecular Sieves
34th Southeastern Magnetic Resonance Conference, Gainesville, Florida, USA, November 3-5, 2006.

59.) A. L. Focsan, L. D. Kispert, T. A. Konovalova, M. K. Bowman, D. A. Dixon, P. Molnár, J. Deli: Another source of H⁺ in photosynthesis formed during the photolysis of carotenoid radical cations

The 10th Annual GSA Research and Thesis Conference, Tuscaloosa, Alabama, February 10, 2007.

60.) L. D. Kispert, A. L. Focsan, T. A. Konovalova, J. Lawrence, M. K. Bowman, D. A. Dixon, **P. Molnár**, J. Deli: Magnetic Resonance Studies of Proton Loss from Carotenoid Radical Cations

29th DOE Solar Photochemistry Research Conference, Warrenton, VA (Virginia, USA), June 10-13, 2007.

61.) Gy. Horváth, E. Turcsi, **P. Molnár**, L. Gy. Szabó, J. Deli: Isolation and Identification of Carotenoids in the Fruit of Cornelian Cherry (*Cornus mas* L.)

55th International Congress and Annual Meeting of the Society for Medicinal Plant Research, Graz, Austria, September 02-06, 2007.

Planta Medica **73**, 912 (2007); P 286.

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62.) Gy. Horváth, E. Turcsi, **P. Molnár**, L. Gy. Szabó, J. Deli: Carotenoid Content of the Flowers of Tansy (*Tanacetum vulgare* L.)

55th International Congress and Annual Meeting of the Society for Medicinal Plant Research, Graz, Austria, September 02-06, 2007.

Planta Medica **73**, 911 (2007); P 284.

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63.) Gy. Horváth, E. Turcsi, **P. Molnár**, L. Gy. Szabó, J. Deli: Isolation, Separation and Identification of Carotenoids in the Fruit of Cornelian Cherry (*Cornus mas* L.)

7th Balaton Symposium on High-Performance Separation Methods, Siófok (Hungary)

September 05-07, 2007.

Book of Abstracts P-55; p. 113.

64.) Gy. Horváth, E. Turcsi, **P. Molnár**, L. Gy. Szabó, J. Deli: Isolation, Separation and Identification of Carotenoids from the Flower of Tansy (*Tanacetum vulgare* L.)

7th Balaton Symposium on High-Performance Separation Methods, Siófok (Hungary)

September 05-07, 2007.

Book of Abstracts P-56; p. 114.

65.) A. L. Focsan, L. D. Kispert, M. K. Bowman, D. A. Dixon, T. A. Konovalova, J. Lawrence, **P. Molnár**, J. Deli: The application of HYSCORE, pulsed ENDOR and DFT to characterize carotenoid radicals

36th Southeastern Magnetic Resonance Conference, Tuscaloosa, Alabama, March 8, 2008.

Abstracts: PO-5, p. 52.

66.) A. L. Focsan, M. K. Bowman, T. A. Konovalova, **P. Molnár**, J. Deli, D. A. Dixon, L. D. Kispert: New insights into plant photoprotection

11th Annual GSA Research and Thesis Conference, Tuscaloosa, Alabama, March 8, 2008.

67.) L. D. Kispert, A. L. Focsan, T. A. Konovalova, J. Lawrence, M. K. Bowman, D. A. Dixon, **P. Molnár**, J. Deli: Magnetic Resonance and Proton Loss Studies of Carotenoid Radical Cations

30th DOE Solar Photochemistry Research Conference, Wintergreen VA (Virginia), USA
June 1-4, 2008. Book of Abstracts, pp. 73-74.

68.) **Péter Molnár**: Research of the (E/Z)-Isomerization of Carotenoids in Pécs Since the Beginning of 1970s → **Invited Lecture**

15th International Symposium on Carotenoids, Okinawa, Japan, 22nd – 27th June, 2008.
Carotenoid Science **12**, 18 (2008); Abstract of the Papers, p. 18.

69.) E. Turcsi, Gy. Horváth, **P. Molnár**, L. Gy. Szabó, J. Deli: Carotenoid Analysis of Flowers and Inflorescences of Some Medicinal Plants

15th International Symposium on Carotenoids, Okinawa, Japan, 22nd – 27th June, 2008.
Carotenoid Science **12**, 136 (2008); Abstract of the Papers, p. 136.

70.) Gy. Horváth, **P. Molnár**, L. Gy. Szabó, E. Turcsi, J. Deli: Separation and Identification of Carotenoids in Some Medicinal Plants' Flowers and Inflorescence

9th International Symposium on Instrumental Analysis, Pécs, Hungary, 29th June – 2nd July, 2008.
Final Program and Abstracts: P-20; p. 69.

71.) Szabó M., Tanács L., Ocsóvszki I., **Molnár P.**, Molnár J.: Effect of chlorophyll a and b on multidrug resistance of cancer cells

10th International Symposium „Interdisciplinarity Regional Research” ISIRR 2009 Romania-Hungary-Serbia, 23-24 April, 2009, Vajdahunyad – Hunedoara (Erdély – România; Romania); Section 2. Medical Issues, Labor Health and Veterinary Medicine S2-10. Program, p.13.

72.) Lowell D. Kispert, A. Ligia Focsan, Tatiana A. Konovalova, **Péter Molnár**, Nikolay E. Polyakov: Do carotenoid neutral radicals have a role in LHC II?

31st DOE Solar Photochemistry Research Conference, Annapolis, MD, USA, June 7-10, 2009.

Book of Abstracts, p. 139.

73.) A. Ligia Focsan, Lowell D. Kispert, József Deli, **Péter Molnár**: ENDOR and DFT Study of 9'-cis Neoxanthin Carotenoid Radicals, a Carotenoid in LHC II.

51st Rocky Mountain Conference on Analytical Chemistry and 32nd International EPR Symposium, Snowmass, Colorado, USA, July 19-23, 2009.

Book of Abstracts, P-206, p. 135.

74.) Horváth Gy., Turcsi E., Szabó I., **Molnár P.**, Szabó L., Gy., Deli J., Somogyi B., Felföldi T., Solymosi K., Vörös L.: Separation and Identification of Carotenoids from a Novel Trebouxiophycean Picoalgal Strain

8th Balaton Symposium on High-Performance Separation Methods and 15th International Symposium on Separation Sciences, September 2-4, 2009, Hotel Azúr, Siófok, Hungary

Book of Abstracts P-121; p. 197.

75.) A. Ligia Focsan, Lowell D. Kispert, **Péter Molnár**, József Deli: Studies of Carotenoid Neutral Radicals: Potential Photoprotection in Photosynthesis
Gordon Research Conference on Carotenoids, Ventura, California, USA, January 17-22, 2010.

76.) Szőke Éva, Kemény Ágnes, Horváth Györgyi, **Molnár Péter**, Deli József, Sente Lajos, Bozó Tamás, Pál Szilárd, Dévay Attila, Simonyi Miklós, Szolcsányi János, Helyes Zsuzsanna: Lutein inhibits the function of TRPA1 but not TRPV1 in different in vitro and in vivo models
IBRO International Workshop 2010, 21-23 January, Pécs, Hungary, P2-44.

77.) Kemény Ágnes, Horváth Györgyi, **Molnár Péter**, Deli József, Sente Lajos, Bozó Tamás, Pál Szilárd, Dévay Attila, Simonyi Miklós, Szolcsányi János, Helyes Zsuzsanna: Effects of carotenoids on skin inflammation in vivo mice models
IBRO International Workshop 2010, 21-23 January, Pécs, Hungary, P4-16.

78.) Györgyi Horváth, Erika Turcsi, Federica Brandi, Alessandro Liverani, Carlo Rosati, József Deli, **Péter Molnár**: Analysis of carotenoid composition in yellow- and white-fleshed peach varieties during development
6th International Congress on Pigments in Food; Chemical, Biological and Technological Aspects, June 20-24, 2010, Budapest, Hungary.
Proceedings: P-52; pp.262-264.

79.) Györgyi Horváth, Éva Szőke, **Péter Molnár**, Lajos Sente, Ágnes Kemény, József Deli, Tamás Bozó, Szilárd Pál, Attila Dévay, Miklós Simonyi, János Szolcsányi, Zsuzsanna Helyes: Inhibition of Mustard Oil-Induced Neural Responses by RAMEB-Lutein in Different In Vitro and In Vivo Systems
15th International Cyclodextrin Symposium, Vienna (Wien), Austria, 9-12 May, 2010.
Final Program and Abstracts PO42.

80.) Lowell D. Kispert, A. Ligia Focsan, Nikolay E. Polyakov, **Péter Molnár**: The Carotenoid Astaxanthin and Its Photooxidative Role Under High Light and Salt Stress
Thirty-Second DOE Solar Photochemistry Research Meeting, Annapolis, MD, USA, June 6-9, 2010.
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