

International scientific publications and conference contributions

E. Rembiałkowska, R. Kazimierczak, M. Zupancic, I. Skerbot, P. McNair, **J-O. Andersen** (2021): A novel method for assessing antimicrobial, colour retainment and slice healing properties of the fruit of cucumber (*Cucumis sativus* L.) as complementary quality parameters. *Biological Agriculture & Horticulture*. <https://doi.org/10.1080/01448765.2021.1897676>.

P. Doesburg, **J-O. Andersen**, C. Scherr, S. Baumgartner (2019): Empirical Investigations on Preparations produced according to the European Pharmacopoeia monograph 1038. *European Journal of Pharmaceutical Sciences* 137 104987. doi.org/10.1016/j.ejps.2019.104987.

J. Fritz, M. Athmann, **J-O. Andersen**, P. Doesburg, U. Geier, G. Mergardt (2019): Advanced panel training on visual Gestalt evaluation of biocrystallization images: ranking wheat samples from different extract decomposition stages and different production systems. *Biological Agriculture and Horticulture*. 35 / 1, 21-32. [doi: 10.1080/01448765.2018.1492457](https://doi.org/10.1080/01448765.2018.1492457).

J-O. Andersen (2018): A novel method for assessing vitality of the fruit of cucumber (*Cucumis sativus* L.) as complementary quality parameters. 1st International Biodynamic Research Conference. Dornach (CH) September 5-8.

J. Kahl, N. Busscher, G. Mergardt, **J-O. Andersen**, P. Doesburg, A.A. Meelursarn, A. Ploeger (2015): Standardization and performance test of crystallization with additives on wheat samples. *Food Analytical Methods*. [doi 10.1007/s12161-015-0142-6](https://doi.org/10.1007/s12161-015-0142-6).

J. Kahl, **J-O. Andersen**, M. Athmann, N. Busscher, P. Doesburg, J. Fritz, U. Geier, G. Mergardt (2015): Laboratory intercomparison for biocrystallization (crystallization with additives) applied to different wheat varieties. *Elemente der Naturwissenschaft* **102**, 5-13.

P. Doesburg, M. Huber, **J-O. Andersen**, M. Athmann, G. van der Bie, J. Fritz, U. Geier, J. Hoekman, J. Kahl, G. Mergardt, N. Busscher. (2015): Standardization and performance of a visual Gestalt evaluation of biocrystallization patterns reflecting ripening and decomposition processes in food samples. *Biological Agriculture & Horticulture*, online 24.12.2014. [Doi: 10.1080/01448765.2014.993705](https://doi.org/10.1080/01448765.2014.993705).

P- Doesburg, **J-O. Andersen**, C. Scherr, S. Baumgartner (2015): Replication of Specific Effects of a *Stannum Metallicum* 30x Preparation in a Cress Seedling / Biocrystallisation Test System. HRI 2nd International Homeopathy Research Conference. Rome, June 5-7.

St. Baumgartner, P. Doesburg, C. Scherr, **J-O. Andersen** (2012): Development of a biocrystallisation method for examining effects of homeopathic preparations on germinating cress seeds. *Evidence-based Complementary and Alternative Medicine*. [Doi: 10.1155/2012/125945](https://doi.org/10.1155/2012/125945).

S. Baumgartner, P. Doesburg, C. Scherr, **J. Andersen** (2012): Development of a biocrystallisation method for examining effects of homeopathic preparations on germinating cress seeds. *International Research Congress on Integrative Medicine and Health*. Portland, Oregon, USA. May 15-18.

F. Schweizer, **J-O. Andersen**, J. Laursen (2010): Beobachtungen bei der Kupferchloridkristallisation: vom 'Eiweiss-Vorbild' zum 'Kupferchlorid-Nachbild'. *Elemente der Naturwissenschaft* **92**, 62-93.

N. Busscher, J. Kahl, **J-O. Andersen**, M. Huber, G. Mergardt, P. Doesburg, M. Paulsen, A. Ploeger (2010): Standardization of the biocrystallization method for carrot samples. *Biological Agriculture and Horticulture*, **27**, 1-23.

M. Huber, **J-O. Andersen**, J. Kahl, N. Busscher, P. Doesburg, G. Mergardt, S. Kretschmer, A. Zalecka, A. Meelursarn, A. Ploeger, D. Nierop, L. van de Vijver, E. Baars (2010): Validation of the Visual Evaluation of Biocrystallizations. Development of a reliable and valid instrument for visual evaluation according to ISO-Norms for sensory analyses. *Biological Agriculture and Horticulture*. **27**, 25-40.

J-O. Andersen, S. Baumgartner (2010): Eignung der Biokristallisation als Untersuchungssystem für potenzierte Substanzen. Symposium Potenzierforschung, University of Bern, February 12.

J-O. Andersen (2007): A biocrystallisation method for examining gluten quality, with perspectives for breeding and wheat intolerance/gluten allergy research. Tagung Bildschaffende Methoden, Louis Bolk Institute, Driebergen, April 26.

J-O. Andersen (2006): Computerised image analysis of biocrystallisation images. Tagung Bildschaffende Methoden, Montbeliard, April 6-7.

N. Busscher, J. Kahl, **J-O. Andersen**, M. Huber, G. Mergardt, A. Ploeger (2006): Das Verfahren der Biokristallisation und das Konzept der Selbstorganisation. *Elemente der Naturwissenschaft* **85**, 91-103.

J. Kahl, M. Huber, N. Busscher, S. Kretschmer, **J-O. Andersen**, G. Mergardt, M. Paulsen, P. Doesburg, A. Meier-Ploeger (2005); Entwicklung der Biokristallisation für die Unterscheidung von Proben mittels computerunterstützter Texturanalyse und visueller Bildauswertung, Beiträge zur 8. Wissenschaftstagung zum Ökol. Landbau, Kassel, März 1-4, 563-564.

J. Kahl, N. Busscher, G. Mergardt, **J-O. Andersen**, P. Doesburg, M. Paulsen, M. Huber, A. Meier-Ploeger (2005) Potential and limitations of the biocrystallization method for different food samples, DGQ-Jahrestagung, Karlsruhe, March 14-15.

J. Kahl, M. Huber, N. Busscher, S. Kretschmer, **J-O. Andersen**, G. Mergardt, M. Paulsen, P. Doesburg, A. Meier-Ploeger (2005); Entwicklung der Biokristallisation für die Unterscheidung von Proben mittels computerunterstützter Texturanalyse und visueller Bildauswertung, 8. Wissenschaftstagung zum Ökol. Landbau, Kassel, March 1-4.

J. Kahl, N. Busscher, M. Huber, **J-O. Andersen**, S. Kromidas, A. Meier-Ploeger (2005); FoodPicture a new screening method for the characterization of organic food. 17th Soil Association Annual Conference, Newcastle, UK, January 6-9.

N. Busscher, J. Kahl, **J-O. Andersen**, M. Huber, G. Mergardt, M. Paulsen, P. Doesburg, A. Meier-Ploeger (2004); Characterization of the biocrystallisation method on selected plants using visual evaluation and computerized image analysis; Quality of organic production and its improvement; Kaunas, Lithuania, October 14-15.

J. Kahl, N. Busscher, M. Huber, **J-O. Andersen**, S. Kromidas, A. Meier-Ploeger (2004); Validation of the biocrystallisation method on selected plants using computerized image analysis; Euroanalysis XIII, Salamanca, Spain, September 5-9.

N. Busscher, J. Kahl, **J-O. Andersen**, M. Huber (2004); Das Wesen der Validierung, Forschertagung biologisch-dynamischer Landbau, Denmark, June, 10-13.

J. Kahl, M. Huber, S. Kretschmer, **J-O. Andersen**, N. Busscher, G. Mergardt, M. Paulsen, P. Doesburg, A. Meier-Ploeger (2004); Development of a validated tool for the visual evaluation of copperchloride crystallisation pattern for food quality analysis, DGQ-Jahrestagung, Potsdam, March 22-23.

J. Kahl, N. Busscher, G. Mergardt, **J-O. Andersen**, M. Huber, A. Meier-Ploeger (2004): Bestimmung der Zeitabhängigkeit der Kristallisationsvorgänge bei der Kupferchlorid-kristallisation als eine Voraussetzung zur Validierung der Methode. *Elemente der Naturwissenschaft* **80**, 85-94.

J-O. Andersen, M. Huber, N. Busscher, J. Kahl, A. Meier-Ploeger (2003): A concentration matrix procedure for determining optimal combinations of concentrations in biocrystallization. *Elemente der Naturwissenschaft* **79**, 97-114.

J. Kahl, **J-O. Andersen, N. Busscher, M. Huber, A. Meier-Ploeger (2003);** Reproducibility and comparability of holistic methods to assess qualitative features of agricultural and food products; *Such is Life*, Lunteren, May 14-17.

J. Kahl, N. Busscher, G. Mergardt, **J-O. Andersen, M. Huber, A. Meier-Ploeger (2003);** Vergleichbarkeit von Qualitätsuntersuchungen mit den bildschaffenden Methoden (Kupferchlorid-Kristallisation); 7. Wissenschaftstagung zum Ökol. Landbau, Wien, February 24-26.

J-O. Andersen (2002): Biocrystallisation as a tool for evaluating products and processes. Future Food, LMC conference at The Technical University of Denmark, January 16-17.

J-O. Andersen, K. Kaack, Kr.Thorup-Kristensen, M. Nielsen, R. Labouriau (2001): Comparative study of biocrystallization and chemical analyses of organic carrots, grown with different levels and types of green manure. *Biological Agriculture and Horticulture* **19**, 29-48.

J-O. Andersen (2001): Health and quality of organic products. *Organic Food and Farming – Towards Partnership and Action in Europe*. The Danish Ministry of Food, Agriculture and Fisheries, May 11.

J-O. Andersen (2000): Holistic approaches to plant quality and nutrition. Cirencester Millennium Conference 2000, Soil Association, UK, January 8.

J-O. Andersen, C.B. Henriksen, J. Laursen, A.A. Nielsen (1999): Computerized image analysis of biocrystallograms originating from agricultural products. *Computers and Electronics in Agriculture* **22**, 51-69.

J-O. Andersen, J. Laursen, P. Kölster (1998): A refined Biocrystallization Method applied in a Pictomorphological Investigation of a Polymere. *Elemente der Naturwissenschaft* **68**, 1-20.

J-O. Andersen (1998): Biocrystallization in agricultural plant quality research. French Ministry of Industry, Paris, August 22.