

CURRICULUM VITAE

Personal Details

Name: **Miloslav Klugar**, Ph.D., PhDr. M.Sc.
Date of Birth: 30. 04. 1982
E-mail: mklugar@gmail.com, miloslav.klugar@upol.cz
Nationality: Czech
Gender: Male

University and research working experience

- 2015 – still **Palacky University Olomouc** (*Czech Republic*)
Faculty of Medicine and Dentistry (FMD)
Department of Social Medicine and Public Health (DSMPH)
Acting Head
- 2014 – still **University of Adelaide** (*Australia*)
Faculty of Health Sciences
School of Translational Health Science
Adjunct Associate Professor
- 2013 – still **Palacky University Olomouc** (*Czech Republic*)
Faculty of Medicine and Dentistry
The Czech Republic (Middle European) Centre for Evidence-Based Health
Care: An Affiliated Centre of The Joanna Briggs Institute
Director
- 2013 – 2015 **Palacky University Olomouc** (*Czech Republic*)
Faculty of Health Sciences (FHS)
Centre for Research and Science
Head
- 2011 – still **Palacky University Olomouc** (*Czech Republic*)
Faculty of Medicine and Dentistry (FMD)
Department of Social Medicine and Public Health (DSMPH)
Assistant Professor
- 2011 – still **Coordinator and Guarantor of General Medicine program**
(in English language) at DSMHP
- 2012 – still **Member of the doctoral (Ph.D.) board** in study program Social
Medicine
- 2012 – still **Supervisor in the doctoral (Ph.D.) program Social Medicine**
- 2012 – still **Member of the rigorous committee** in the field Epidemiology,
law and social medicine in the study program M5103 General Medicine
- 2012 – still **Supervisor in the doctoral (Ph.D.) program Nursing** at
Faculty of Health Sciences, Palacky University Olomouc

2012 – 2015 **Head of EBHC and Systematic Review group** associated with “Support of Human Resources in Science and Research in Non-medical Healthcare at the Faculty of Health Sciences at Palacký University Olomouc” project funded by European Social Funds

2011 **Valdosta State University (GA, USA)**
College of Education
Department of Kinesiology and Physical Education
Visiting Professor

2007 – 2010 **Palacky University Olomouc (Czech Republic)**
Faculty of Physical Culture
Department of Functional Anthropology and Physiology
Internal doctoral student

2007 – 2009 Junior Researcher in Physiological laboratory at Faculty of Physical Culture (Laboratory testing of nutritional supplements for NUTREND C.o.; Exercise testing of Top Athletes of Czech Republic (soccer players, hockey players, athletes etc.; Several special low weights programs with obese people (Balance, STOB)

2009 – 2010 Senior Researcher in Physiological laboratory at Faculty of Physical Culture (Health and exercise physiology investigation for professional Police scuba divers of Ministry of the Interior of the Czech Republic; Health and exercise physiology investigation for professional Military scuba divers)

2005 – 2006 **University of Hradec Kralove**
College of Education
Department of Physical Education and Sport
External lecturer

Education

2007 – 2010 **Palacky University Olomouc (Czech Republic)**
Faculty of Physical Culture, Department of Functional Anthropology and Physiology
Ph.D. – Kinantropology
Thesis theme: Changes of Autonomic Nervous System activity in connection with hyperbaric environment

2006 – 2007 **Palacky University Olomouc (Czech Republic)**
Faculty of Physical Culture
PhDr. - Philosophy

2001 – 2006 **University of Hradec Kralove (Czech Republic)**
College of Education
M.Sc. (Mgr.) Education

Internship

2008 **PSS ADRIA, (Slovenia)**
Internship – Erasmus Lifelong Learning Program

2006 **Carl von Ossietzky University of Oldenburg (Germany)**
College of Education
Internship – Socrates/Erasmus grant

Training

2014 **University of Adelaide (South Australia)**
The Joanna Briggs Institute, Faculty of Health Sciences
Held in: Romanian Centre for Evidence Based Nursing and Midwifery, An
affiliated centre of The Joanna Briggs Institute, (*Bucharest*),
Train the Trainer: Comprehensive Systematic Review Training

2013 **University of Oxford (United Kingdom)**
Department for Continuing Education
How to Practice Evidence-Based Health Care

2012 **University of Adelaide (South Australia)**
The Joanna Briggs Institute, Faculty of Health Sciences
Comprehensive Systematic Review Training

2012 **University of Oxford (United Kingdom)**
Centre for Evidence-Based Medicine
How to Practice Evidence-Based Health Care

2012 **Palacky University Olomouc (Czech Republic)**
Medical Faculties Network
E-learning in the medicine and health care

Research and Development grants

Research grants

(Principal investigator):

2008 Grant of Faculty of Physical Culture (No. 9151004) “Changes in the activity of the Autonomic Nervous System at Scuba Diving”

2009 Grant of Faculty of Physical Culture (No. 9151006) “Effect of the hyperbaric environment on heart rate variability”

2010 Grant of Palacky University in Olomouc (No. FTK2010015) “Effect of hyperbaric oxygen therapy on autonomic nervous system activity”

2014 Grant of Office of Naval Research Global (No. N62909-14-1-C187)
“4th Ostrava days of Hyperbaric Medicine & Evidence Based Hyperbaric Medicine”

(Co-investigator):

2008 Grant of Faculty of Physical Culture “Influence of daily regimen and significant changes in the activity of the autonomic nervous system”

2009 Grant of Faculty of Physical Culture “Effect of sports training on heart rate variability in top athletes”

2010 Grant of Palacky University in Olomouc (No. FTK2010015) “Effect of hyperbaric oxygen therapy on autonomic nervous system activity”

2011 – Grant of Valdosta State University “Transfer of technology to the practical learning at Department of kinesiology and physical education”

2012 – Grant of EU Health Programme 2008-2013 (NO 20091214)

“PHIRE – Public Health Innovation and Research in Europe”

2012 – 2015, Grant of European Social Funds

(No. CZ.1.07/2.3.00/20.0163) “Support of Human Resources in Science and Research in Non-medical Healthcare at the Faculty of Health Sciences at Palacký University Olomouc”

2013 – still, Grant of Palacky University in Olomouc (No. FZV2013006) “Testing of JBI Software for conducting systematic review with the topic: Effect of hyperbaric oxygen therapy in adults with traumatic craniotrauma”

2015 – Grant of Palacky University in Olomouc (No. LF2015024) “Hypertension as one of the highest risk factor for development of cardiovascular diseases”

2016 – Grant of Palacky University in Olomouc (No. LF2016024) “Complex overview of diagnosis and treatment of hypertension as the main risk factor of cardiovascular disease”

Development grants

(Principal investigator):

2012 – 2014, Grant of European Social Funds

(No. CZ.1.07/2.2.00/28.0152) “Law literacy in medicine”

Organization of workshops and conferences

International workshops and conferences

- 2015 XXI. Congress of The Czech Society of Hyperbaric and Aviation Medicine, Špindlerův Mlýn, 11-12. 6. 2015 (CR)
- 2014 International Workshop of Evidence-Based Hyperbaric Medicine and IVth Ostrava Days of Hyperbaric Medicine, Rožnov pod Radhoštěm, 18-20. 6. 2014 (CR)
- 2013 II. International workshop PraGraM, Theoretical institutes, Palacky University Olomouc, 8. 2. 2013 (CR)
- 2012 I. International workshop PraGraM & Evening lecture of association of physicians, Theoretical institutes, Palacky University Olomouc 19. 12. 2012 (CR)

National workshops and conferences

- 2014 Evidence-Based Health Care and Evidence-Based Practice, workshop II, Theoretical institutes, Palacky University Olomouc, 2. 4. 2014 (CR)
- 2014 Základy Evidence-Based Health Care and Evidence-Based Practice, workshop I, Theoretical institutes, Palacky University Olomouc, 29. 1. 2014 (CR)
- 2013 II. National workshop PraGraM, Theoretical institutes, Palacky University Olomouc, 22.5. 2013 (CR)

2012 I. National workshop PraGraM & XIII. Bioethical conference: Medicine and Law, Archdiocesan museum, Olomouc, 6. 10. 2012 (CR)

Membership in scientific organizations

2015 – still **Vice-chairman of Czech society of Hyperbaric and aviation medicine**
Czech Medical Association J. E. Purkyne

2011 – 2015 **Chairman of Advisory Committee Czech society of Hyperbaric and aviation medicine**
Czech Medical Association J. E. Purkyne

2010 – still **Member of Czech society of Hyperbaric and aviation medicine**
Czech Medical Association J. E. Purkyne

2008 – still **Member of Czech society of sport medicine**
Czech Medical Association J. E. Purkyne

Membership in international editorial boards of scientific journals

2016 – still **The JBI Database of Systematic Reviews and Implementation Reports, ISSN 2202-4433**

2016 – still **Journal of Nursing Referencia, ISSN 0874-0283**

Skills

Language skills: **English – level C proficient user**, effective operational, proficiency or advanced
German – level A basic user
Czech – native speaker

Computer skills: Advanced

Other Training

2005 *TDI-SDI Scuba Diver Instructor (TDI-SDI Eastern Europe)*
2008 *UDI Scuba Diver Instructor (UDI-CMAS Germany)*
2004 *International certificate concerning the competence of pleasure draft operator (State Navigation Authority of Czech Republic)*
2006 *Snowboarding Instructor (University of Hradec Kralove)*
2005 *Skiing Instructor (University of Hradec Kralove)*
2000 *Driving license groups A, B, C, T*

Interests

Physical activity: Scuba diving, swimming, triathlon, snowboarding, skiing, tennis
Other: Music, singing, piano, guitar, philosophical literature

Selected Publications

First or corresponding author

- Klugar, M., Čáp, J., Klugarová, J., Marečková, J., Roberson, D.,N, Kelnarová, Z. (2016). The active aging personal strategies of older adults in Europe: a systematic review of qualitative evidence. *The JBI Database of Systematic Reviews and Implementation Reports, in press*.
- Tučková, D., Klugar, M., Sovová, E., Sovová, M., Štegnerová, L., (2016). Effectiveness of beta blockers in physically active patients with hypertension: protocol of a systematic review. *BMJ, in press*.
- Klugarova, J., Klugar, M., Mareckova, J., Gallo, J., & Kelnarova, Z. (2016). The effectiveness of inpatient physical therapy compared to outpatient physical therapy in older adults after total hip replacement in the post-discharge period: a systematic review. *JBI Database System Rev Implement Rep, 14(1)*, 174-209. doi: 10.11124/jbisrir-2016-2392
- Klugar, M., Nytra, I., Bocková, S., Klugarová, J., Kelnarová, Z., & Marečková, J. (2015). The effectiveness of hyperbaric oxygen therapy on mortality in adults with craniotrauma: a systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports, 12(12)*, 13. doi: 10.11124/jbisrir-2014-1598
- Tučková, D., Klugar, M., Marečková, J., & Klugarová, J. Synthesis of evidence of diagnostic tests and preventive programs identifying pre-diabetes type. *Mefanet Journal, 3(1)*.
- Klugarová, J., Klugar, M., & Mareckova, J. (2015). Propaedeutics of the systematic review development; Effectiveness of hallux valgus surgery: systematic review partial results. *Profese On-line, 1(8)*, 1-7.
- Klugarová, J., Klugar, M., Mareckova, J., & Hajek, M. (2015). Methodology of systematic review development; The effectiveness of hyperbaric oxygen therapy on mortality in adults with craniotrauma: a systematic review partial results. *Czech and Slovak Neurology and Neurosurgery, 78/111(5)*, 555-561.
- Klugarova, J., Klugar, M., Gallo, J., Mareckova, J., & Kelnarova, Z. (2015). The effectiveness of inpatient physical therapy compared to outpatient physical therapy in older adults after total hip replacement in the post-discharge period: a systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports, In Press*.
- Klugar, M., Čáp, J., Marečková, J., Roberson, D., Sirkka, A., Klugarová, J., & Kelnarová, Z. (2014). The active aging personal strategies of older adults in Europe: a systematic review protocol of qualitative evidence. *The JBI Database of Systematic Reviews and Implementation Reports, 12(11)*, 117-126.
- Klugar, M., Nytra, I., Bocková, S., Klugarová, J., Kelnarová, Z., Tučková, D., Marečková, J. (2014). The importance of Evidence-Based Health Care and Systematic review for practice, In Hájek, M. Novomeský, F. Beran, V. Klugar, M. *Collection of lectures from international workshop of Evidence-Based Hyperbaric Medicine and IV.th Ostrava days of hyperbaric medicine*. Ostrava : X-media s.r.o., s. 9-10. ISBN 978-80-7464-507-5.
- Klugar, M., Klugarová, J., Marečková, J. (2014). The Basics of Evidence-Based Hyperbaric Medicine; Creating of Clinical question, In Hájek, M. Novomeský, F. Beran, V. Klugar, M. *Collection of lectures from international workshop of Evidence-Based Hyperbaric Medicine and IV.th Ostrava days of hyperbaric medicine*. Ostrava : X-media s.r.o., 2014, s. 11-12. ISBN 978-80-7464-507-5.
- Klugarova, J., Hood, V., Bath-Hextall, F., Klugar, M., Mareckova, M. (2014). The effectiveness of surgery for adults with hallux valgus deformity: a systematic review protocol. *The JBI Database of Systematic Reviews and Implementation Reports.12(7)*, 3-11.
- Klugar, M., Tučková, D., Vévoda, J., Juričková, L., Ivanová, K. (2013). New approach to education of medical law, *European Journal of Public Health, 23(1)*, 262-262.

- Kisvetrova, H., Klugar, M., & Kabelka, L. (2013). Spiritual support interventions in nursing care for patients suffering death anxiety in the final phase of life. *Int J Palliat Nurs*, 19(12), 599-605.
- Klugar, M., Stejskal, P. (2013). Influence of water and high pressure environment on the vagal activity at humans, *Sborník přednášek z mezinárodní konference hyperbarické a letecké medicíny: k 60. výročí založení Ústavu leteckého zdravotnictví Praha : 20. kongres České společnosti hyperbarické a letecké medicíny ČLS JEP : 23.-24. května 2013 Praha, 1*, 25-27.
- Zlámal, J., Klugar, M. (2013). Project PraGraM (Law literacy in Medicine) at Faculty of Medicine and Dentistry, Palacky Univerzity Olomouc. *Zdravotnické forum*, 1, 32-35.
- Klugar, M., Stejskal, P., Štěpaník, P., Drbošalová (2011). The Activity Of Autonomic Nervous System and the saturation of inert gasses in human at hyperbaric environment. In *44th UHMS Scientific meeting* (p. 154). Fort Worth, Texas, United States.
- Klugar, M., Stejskal, P., Štěpaník, P., Drbošalová, V., Krejčíř, V., Hynková, O. (2010). The Activity Of Autonomic Nervous System In Connection With Hyperbaric Environment. In *43rd UHMS Scientific meeting* (p. 86). St. Pete Beach, Florida, United States.
- Klugar, M., Stejskal, P., Krejčíř, V., Štěpaník, P., Drbošalová, V., Hynková, O. (2010). The relationship between pressure changes and the activity of the autonomic nervous system during simulated dive in the hyperbaric chamber. *Medicina sportiva Bohemica et Slovaca*, 19(2), 75–84.
- Klugar, M., Stejskal, P., Štěpaník, P., Drbošalová, V., Krejčíř, V., Hynková, O. (2010). The influence of the hyperbaric environment on the vagal activity. *Medicina sportiva Bohemica et Slovaca*, 19(3), 75–84.
- Klugar, M., Stejskal, P., Krejčíř, V., Štěpaník, P., Drbošalová, V., & Bartáková, O. (2009). Effect of hyperbaric environment on autonomic nervous system. *Medicina sportiva Bohemica et Slovaca*, 18(4), 191–193.
- Klugar, M., Stejskal, P., Krejčíř, V., Bartáková, O., Drbošalová, V., Kozáková, J., Štěpaník, P. (2009). Changes in autonomic nervous system activity in connection with scuba diving. *Acta Gymnica Universitatis Palackianae Olomucensis*, 39(2), 7-12.
- Klugar, M., Stejskal, P., Štěpaník, P., Drbošalová, V., Krejčíř, V., Hynková, O. (2010). Activity of autonomic nervous system at simulated dive in the hyperbaric chamber. In *1st Central European conference of hyperbaric and diving medicine and 2nd Ostrava's days of hyperbaric medicine* (p. 46-47). Velké Karlovice: ODHM.
- Klugar, M., Stejskal, P., Štěpaník, P., Drbošalová, V., Krejčíř, V., Hynková, O. (2010). Vliv okolního prostředí na aktivitu autonomního nervového systému. In *Studentská vědecká konference "Konference plná barev"* (p. 18). Olomouc: Fakulta tělesné kultury.
- Klugar, M., Stejskal, P., Krejčíř, V., Štěpaník, P., Drbošalová, V., & Bartáková, O. (2009). Efekt hyperbarie na aktivitu autonomního nervového systému. In *Dny sportovní medicíny, Sjezd České společnosti tělovýchovného lékařství: sborník abstrakt* (p. 26). Brno: Česká společnost tělovýchovného lékařství.
- Klugar, M., Stejskal, P., Bartáková, O., Drbošalová, V. & Krejčíř, V. (2008). Přístrojové potápění a aktivita ANS. In *Národní kongres telovýchovného lékařstva Aktuálne problémy telovýchovného lékařstva: abstrakty* (pp. 14-15). Bratislava: Peter Mačura - PEEM.

Co author

- Campbell, J. M., Klugar, M., Ding, S., Carmody, D. P., Hakonsen, S. J., Jadotte, Y. T., . . . Munn, Z. (2015). Diagnostic test accuracy: methods for systematic review and meta-analysis. *Int J Evid Based Healthc*, 13(3), 154-162. doi: 10.1097/xeb.0000000000000061
- Yamada, Y., Klugar, M., Ivanova, K., & Oborna, I. (2014). Psychological distress and academic self-perception among international medical students: the role of peer social support. *BMC medical education*, 14(1), 256.

- Yamada, Y., Loureiro, E., Klugar, M., Tancred, A., Ivanova, K., & Oborna, I. (2013). Students' psychological distress in an English program embedded in a medical school in a non-English speaking country. *Int J Med Educ*, 4, 260-266.
- Zlámál, J., Klugar, M., 2012 PRAGRAM – Law literacy in medicine. In Knowledge for market use 2012. Olomouc, Pavla Slavičková, Societas Scientiarum Olomucensis II. 464 – 468.
- Kozáková, J., Janura, M., Svoboda, Z., Elfmark, M., & Klugar, M. (2011). Influence of hallux valgus on pelvis and lower extremities movement during gait. *Acta Universitatis Palackianae Olomucensis. Gymnica*, 43(4).
- Drbošalová, V., Stejskal, P., Bajorek, J., Sovová, E., Klugar, M., Hynková, O., et al. (2011). Adherence to physical activity in patients with coronary artery disease. *Acta Universitatis Palackianae Olomucensis. Gymnica* 40(4), 53-61.
- Stelzer, J., Griffin, M., Klugar, M. (2011). Is it possible to motivate children as well as the general population to be more physically active by using technology? *Technology Showcase Lifeline Conference*. Valdosta: Valdosta State University
- Krejčíř, V., Stejskal, P., Klugar, M., Drbošalová, V., & Hynková (Bartáková), O. (2009). Sledování změn variability srdeční frekvence u atletů v období jejich sportovní přípravy. *Medicina sportiva Bohemica et Slovaca*, 18(4), 196-198.
- Bartáková, O., Olšák, S., Stejskal, P., Elfmark, M., Drbošalová, V., Klugar, M., et al. (2008). Dlouhodobé sledování aktivity autonomního nervového systému u vrcholového sportovce. In *Národní kongres tělovýchovného lékařství Aktuálně problémy tělovýchovného lékařství: abstrakty* (pp. 2). Bratislava: Peter Mačura - PEEM.
- Drbošalová, V., Stejskal, P., Klimešová, I., Šlachta, R., Bartáková, O., Jakubec, A. and Klugar, M. (2008). Vliv komplexního půlročního redukčního programu na vybrané laboratorní ukazatele. In *Národní kongres tělovýchovného lékařství Aktuálně problémy tělovýchovného lékařství: abstrakty* (pp. 10). Trenčín, Slovenská republika.
- Drbošalová, V., Stejskal, P., Klugar, M., Hynková, O., Krejčíř, V., Bajorek, J. et al. (2009). Adherence k domácímu rehabilitačnímu programu pohybové aktivity u pacientů po infarktu myokardu. In *Dny sportovní medicíny, Sjezd České společnosti tělovýchovného lékařství: sborník abstrakt* (p. 16). Brno: Česká společnost tělovýchovného lékařství.
- Krejčíř, V., Stejskal, P., Klugar, M., Drbošalová, V., & Hynková (Bartáková), O. (2009). Sledování změn variability srdeční frekvence u atletů v období jejich sportovní přípravy. In *Dny sportovní medicíny: sborník abstrakt* (p. 46). Brno: Česká společnost tělovýchovného lékařství.

Monographs, Chapters in Monographs and collections

- Klugar, M. (2015). *Systematická reivew ve zdravotnictví*. Olomouc: Univerzita Palackého v Olomouci. ISBN 978-80-244-4782-7.
- Campbell, J., Klugar, M., Ding, S., Carmody, D., Hakonsen, S., Jadotte, Y., & Munn, Z. (2015). The Systematic Review of studies of diagnostic test accuracy. In JBI (Ed.), *Joanna Briggs Institute Reviewers' Manual: 2015 edition/supplement* (pp. 1-46). Adelaide, South Australia: The University of Adelaide.
- Tučková, D., Klugar, M. Metodologie sekundárního výzkumu. In *Základy metodologie výzkumu pro nelékařské zdravotnické profese*. Olomouc : Univerzita Palackého, 2015, s. 167-192. ISBN 978-80-244-4770-4
- Klugar, M. (2015). Kritické hodnocení In J. Marečková, J. Klugarová, M. Klugar, D. Jarošová, R. Zeleníková, & E. Gurková (Eds.), *Evidence-Based Healthcare: Zdravotnictví založené na vědeckých důkazech*. Olomouc: Univerzita Palackého v Olomouci. ISBN 978-80-244-4781-0
- Hájek, M., Pudil, R., Klugar, M., & Chmelař, D. (2015). *Conference Proceedings*. Paper presented at the XXI. Congress of the Czech society of hyperbaric and aviation medicine, Špindlerův Mlýn.

Klugar, M. (2015). Evidence-Based Healthcare, jeho role v českém právním systému a mezinárodní srovnání. In P. Jakešová, P. Langer, S. Loyka, M. Mazánková, M. Klugar, H. Dlešítková, E. Prošková & R. Pilka (Eds.), *Právní gramotnost v medicíně* (1 ed.). Olomouc: VUP, ISBN 978-80-244-4375-1.

Halek, M., Novomesky, F., Beran, V., Klugar, M., (2014) *Hyperbarická a potápěčská medicína, Collection of lectures from international workshop of Evidence-Based Hyperbaric Medicine and IV.th Ostrava days of hyperbaric medicine*. Ostrava : X-media s.r.o., 100 s. ISBN 978-80-7464-507-5.

Requested lectures

KLUGAR, M., The effectiveness of hyperbaric oxygen therapy on mortality in adults with craniotrauma: partial results of quantitative systematic review. *XXI.kongres České společnosti hyperbarické a letecké medicíny*. Špindlerův Mlýn 11.06.2015 - 12.12.2015.

KLUGAR, M. Improvement of education of Evidence based Healthcare approach in School of Medicine and Dentistry and School of Health Sciences. *Improvement Science Summit on Research Methods: Building Evidence to Impact Outcomes*. San Antonio, TX 05.08.2014 - 06.08.2014.

KLUGAR, M., MAREČKOVÁ, J., KLUGAROVÁ, J., NYTRA, I. The effectiveness of hyperbaric oxygen therapy on mortality in adults with craniotrauma: partial results of quantitative systematic review. *Scaling New Heights: Challenging the Status Quo. 9th Biennial Joanna Briggs International Colloquium*. Singapore 10.11.2014 - 12.11.2014.

KLUGAR, M. Aplikace Evidence-Based Health Care v prevenci poranění ostrými předměty zdravotnických profesionálů. *Prevence poranění ostrými předměty. Mezinárodní konference bezpečnosti pracovníků ve zdravotnictví*. Praha 30.09.2014 - 30.09.2014.

KLUGAR, M. Improvement of education of Evidence based Healthcare approach in School of Medicine and Dentistry and School of Health Sciences. *Improvement Science Summit on Research Methods: Building Evidence to Impact Outcomes*. San Antonio, TX 05.08.2014 - 06.08.2014.

International Colloquium. Singapore 10.11.2014 - 12.11.2014.

KLUGAR, M., Význam Evidence-Based Health Care a systematickýh review pro praxi. *MEZINÁRODNÍ WORKSHOP HYPERBARICKÉ MEDICÍNY ZALOŽENÉ NA DŮKAZECH a IV. OSTRAVSKÝCH DNŮ HYPERBARICKÉ MEDICÍNY*. Rožnov pod Radhoštěm 18.06.2014 - 20.06.2014.

KLUGAR, M. Základy Evidence-Based Hyperbaric Medicine. Tvorba klinické otázky. *MEZINÁRODNÍ WORKSHOP HYPERBARICKÉ MEDICÍNY ZALOŽENÉ NA DŮKAZECH a IV. OSTRAVSKÝCH DNŮ HYPERBARICKÉ MEDICÍNY*. Rožnov pod Radhoštěm 18.06.2014 - 20.06.2014.

KLUGAR, M. Význam a hlavní zásady systematické vyhledávací strategie. *MEZINÁRODNÍ WORKSHOP HYPERBARICKÉ MEDICÍNY ZALOŽENÉ NA DŮKAZECH a IV. OSTRAVSKÝCH DNŮ HYPERBARICKÉ MEDICÍNY*. Rožnov pod Radhoštěm 18.06.2014 - 20.06.2014.

Klugar, M., Marečková, J., Klugarová, J. (2013). *Support of human resources in EBHC competences: the Best Evidence Project in the Czech Republic*, JBI international Convention; The 2013 campaign for getting evidence into policy, Adelaide SA, 21.-23.10. 2013.

Klugar, M. (2013). *Influence of water and high pressure environment on the vagal activity at humans according to EBM approach*, International conference of hyperbaric and aviation medicine: Praha, 23.-24. 5. 2013.

Klugar, M. (2012). *Autonomic nervous system and hyperbaric environment; „application at scuba diving“*. International workshop of diving medicine, III. Ostravské dny hyperbarické medicíny, Hukvaldy, 20-22. 6. 2012.

- Klugar, M. (2012). *PraGraM – Právní gramotnost v medicíně. Znalosti pro tržní praxi 2012* s podtitulem Význam znalostí v aktuální fázi ekonomického cyklu, Olomouc, 6.-7. 7. 2012.
- Klugar, M. (2011). *The Activity Of Autonomic Nervous System and the saturation of inert gases in human at hyperbaric environment*. 44th UHMS Scientific meeting, Fort Worth, Texas, 15.-18. 6. 2011.
- Klugar, M. (2011). *The activity of autonomic nervous system; New findings in the hyperbaric physiology*. 4th International Conference „Coping with extreme situations“, Praha, 21.-25. 11. 2011.
- Klugar, M. (2011). *Is it possible to motivate children as well as the general population to be more physically active by using technology?* Technology Showcase, Online Lifeline Conference., Valdosta, 16.-17. 2. 2011
- Klugar, M. (2010). *The Activity Of Autonomic Nervous System In Connection With Hyperbaric Environment*. 43rd UHMS Scientific meeting , St. Pete Beach, FL, 3.-5. 6. 2010.
- Klugar, M. (2010). *Activity of autonomic nervous system at simulated dive in the hyperbaric chamber*. 1st Central European conference of hyperbaric and diving medicine and 2nd Ostrava's days of hyperbaric medicine, Velké Karlovice, 17.-18. 6. 2010.
- Klugar, M. (2010). *Vliv okolního prostředí na aktivitu vagu*. Dny sportovní medicíny, Sjezd České společnosti tělovýchovného lékařství, Znojmo, 11.-12. 11. 2010.
- Klugar, M. (2010). *Vybrané fyziologické a patofyziologické aspekty pobytu člověka v hyperbarickém prostředí*, Vzdělávací seminář pro praktické lékaře, Olomouc 15.12. 2010.
- Klugar, M. (2010). *Aktivita autonomního nervového systému v hyperbarickém prostředí: Nové poznatky v oblasti hyperbarické fyziologie*, Instrukčně metodické zaměstnání potápěčů Policie ČR „Bálková“, Bálková, 6.-7.12. 2010.
- Klugar, M. (2010). *Vybrané fyziologické, patofyziologické a otorinolaryngologické aspekty pobytu člověka v hyperbarickém prostředí*, Sjezd ORL lékařů na Lékařské fakultě Univerzity Palackého, Olomouc 24.11. 2010
- Klugar, M. (2010). *Vybrané výzkumné aktivity v oblasti hyperbarické fyziologie na FTK UP v Olomouci*. Setkání instruktorů UDI (United Diving International), Pelhřimov, 23. 1. 2010.
- Klugar, M. (2010). *Vliv okolního prostředí na aktivitu autonomního nervového systému*. Studentská vědecká konference "Konference plná barev", Olomouc, 25.-27. 4. 2010.
- Klugar, M. (2009). *Reakce ANS při přístrojovém potápění*. Setkání instruktorů UDI (United Diving International), Svobodné Heřmanice, 21. 2. 2009.
- Klugar, M. (2009). *Efekt hyperbarie na aktivitu autonomního nervového systému*. Dny sportovní medicíny, Sjezd České společnosti tělovýchovného lékařství, Brno, 6.-7. 11. 2009.
- Klugar, M. (2008). *Spektrální analýza variability srdeční frekvence a přístrojové potápění*. Výroční seminář spolku Hranických jeskynních potápěčů, Olomouc, 25. 5. 2008.
- Klugar, M. (2008). *New methods for better safenes in Scuba diving*. Anniversary seminar of PSS (Professional Scuba Schools) Europe, Nova Gorica, Slovenia, 21. - 24. 7. 2008.
- Klugar, M. (2008). *Přístrojové potápění a aktivita ANS*. Národní kongres telovýchovného lékařstva Aktuálne problémy telovýchovného lékařstva, Trenčín, Slovenská Republika, 13. - 15. 11. 2008.
- Klugar, M. (2007). *Metodika výuky a bezpečnost při přístrojovém potápění*. Výroční seminář TDI-SDI (Technical Diving International – Scuba Diving International), Lechovice, 18. - 19. 11. 2007.