
Research Committee

Daniela Fialová



Background and current position (max 100 words)

Daniela is Researcher, Academician and Head of the University Educational Centre in Clinical Pharmacy at the Faculty of Pharmacy, Charles University in Prague, Czech Republic. She develops research works in clinical pharmacy and still partially continues in clinical pharmacy practice in geriatrics at the Department of Geriatrics and Gerontology, 1st Faculty of Medicine, Charles University in Prague. She has worked as clinical pharmacist in geriatrics since 2001 and as academician since 2003. Thanks to participation in the European projects ADHOC (AgeD in Home Care, 5th FP of the EC, 2001- 2005), SHELTER (Services and Health in the Elderly in Long-Term Care, 7th FP of the EC, 2009-2014) and newly granted project EUROAGEISM (2017-2021, Horizon 2020) she has broad experience in scientific works on European level in different settings of geriatric care and promotes development of clinical pharmacy in geriatrics particularly in Central and Eastern Europe. She is invited Fellow of the InterRAI research corporation, Chair of the scientific subgroup „Aging and changes in the therapeutic value of drugs in the aged“ at the Faculty of Pharmacy, Charles University, Chair of the WG1b subgroup “Healthy clinical strategies for healthy ageing” of the EU COST Action IS1402 (2015- 2018) and Board member of the Section of Clinical Pharmacy, Czech Pharmaceutical Society and Czech Medical Association J.E. Purkyně, Czech Republic. She has extensive experience in research works in clinical pharmacy in geriatrics on European level and devotes her professional effort to further development of clinical pharmacy in research, education and clinical practice.

History within ESCP (max 100 words)

Daniela is a member of the Research Committee of the ESCP since 2017. She was the Chair of the Scientific Committee organizing 42nd ESCP Symposium on Clinical Pharmacy in Prague in 2013 entitled „Implementation of clinical pharmacy practice: research, education and management“. She has a long-term experience in presenting research and workshops at ESCP events and different other scientific meetings and conferences.

Research activities and selected publications (max 5)

Daniela's research interests include clinical pharmacy in geriatrics, evaluation of the efficacy and safety of drugs and drug regimens in the old age, changes (pharmacological, physiological) accompanying aging, geriatric pharmacoepidemiology, risk-management in pharmacotherapy, analyses of polypharmacy and combined drug regimens in multimorbid geriatric patients. She has published 2 monographies, 2 book chapters in foreign monographies, Theme issue on development of clinical pharmacy in different settings of care in Europe and other countries, and over 80 articles in the journals with the impact factor or peer-reviewed journals (number of citations 922 in 783 sources (excluding autocitations), 89 co-authors, H-index = 13 (WoS)). Selected most important (5) publications are:

FIALOVÁ, D., TOPINKOVÁ, E., GAMBASSI, G., FINNE-SOVERI, H., JONSSON, P. V., CARPENTER, I., SCHROLL, M., ONDER, G., SORBYE, L. W., WAGNER, C., REISSIGOVA, J., BERNABEI, R. & ADHOC project group. Potentially inappropriate among elderly home medication use care patients in Europe. JAMA (Journal of the American Medical Association) 2005; 293: 1348-1358. Cited: 284x, IF (2004)= 21.455

ONDER, G., LIPEROTI, R., FIALOVA, D., TOPINKOVA, E., TOSATO, M., DANESE, P., GALLO, P. F., CARPENTER, I., FINNE-SOVERI, H., GINDIN, J., BERNABEI, R., LANDI, F. & PROJECT, S. Polypharmacy in Nursing Home Residents in Europe: Results From the SHELTER Study. Journals of Gerontology Series a-Biological Sciences and Medical Sciences. 2012; 67: 698-. Cited: 46x, IF (2012) = 4.984

SPINEWINE, A., FIALOVA, D. & BYRNE, S. The Role of the Pharmacist in Optimizing Pharmacotherapy in Older People. Drugs & Aging. 2012; 29: 495-510. Cited: 27x, IF (2012) = 2.646

FIALOVÁ, D., DESPLENTER, F. Aging of the Population, Clinical Pharmacy Services, and Interdisciplinary Cooperation in the Optimization of Pharmacotherapy in Older Patients. Drugs Aging. 2016; 33(3):163-7. IF (2014) = 2.838

FIALOVA, D. & ONDER, G. 2009. Medication errors in elderly people: contributing factors and future perspectives. British Journal of Clinical Pharmacology. 2009; 67: 641-645. Cited: 44x, IF (2008) = 3.246

Other activities (max 100 words)

Daniela is recently involved in two European projects- EU COST Action IS1402 and EUROAGEISM- with multiple cooperating countries across Europe and Asia. She is invited speaker at different foreign scientific meetings, conferences and workshops (2-3 times a year), e.g. at IAGG (International Association of Geriatrics and Gerontology) conferences, EUGMS (European Union of Geriatric Medicine Society) and ESCP events. She is the supervisor of doctoral and diploma thesis students in the field of clinical pharmacy at the Charles University, Faculty of Pharmacy, Czech Republic. She has been awarded several prizes for her scientific work: the French Award in Pharmacy (French Embassy in Prague, Czech Republic, 2005), the Scientific Award of the Czech Medical Society J.E.Purkyně (2005) and the Scientific Award of Dr. Paul Janssen for Pharmacoeconomics and Drug policy, Charles University in Prague, Czech Republic (2006)