## Contents

Introduction	3
SCIENCE, CULTURE, SOCIETY – NEW CONTENTS AND EDUCATIONAL CONTEXTS	
Smaragda Papadopoulou	
Moral issues of pain language education of children	5
Delphine Azéma, Léo Trocme-Nadal, Yves Morales, Philippe Terral	
Using an e-health tool for childhood obesity follow-up care: issues in health care pathway	11
Monika Dąbrowska, Małgorzata Starek	
Talking about dietary supplements	20
Barbara Pietryga-Szkarłat, Anna M. Mróz	
Health and its determinants. Literature review	32
Tetyana Borova, Tetiana Pohorielova	
Cultivation of faculty staff health value practice	43
POPULARIZATION OF KNOWLEDGE – NEW EDUCATIONAL AND SOCIAL IMPLICATION	NS
Elodie Crespel	
Empathic mediation of information: online forum for cancer patients	49
Mohamed Djouani, Marie-Stéphanie Abouna, Dalila Kessouar, Sebastien Malpel, Sophie Demonceaux, Robert Andres, Nathalie Pinsard, Emmanuella Di Scala	
"What can be done to avoid cancer" in the students' mind	57
Patrycja Bartosiewicz-Kosiba	
"Transnational Youth Initiatives" of the Erasmus+ program for the development of the entrepreneurial attitude of young people, based on the example of the "Open Minds Studio" project	70
Philippe Chavot, Anne Masseran	
The televisual framing of organ transplantations in France, from the 1960s to the 1980s	84
Sergiu Codreanu, Ion Arsene, Eduard Coropceanu	
Active interdisciplinary research training context for developing innovative competence in chemistry	101

[160] Spis treśc
FORMAL AND NON-FORMAL EDUCATION – NEW ENVIRONMENTS AND CONDITIONS
Małgorzata Nodzyńska, Wioleta Kopek-Putała
Application of the Design of Experiments theory in laboratory classes for future science teachers 112
Nataliia Demeshkant, Katarzyna Potyrała, Karolina Czerwiec
Competences of pre-school teachers for working with students' families 118
Paweł Cieśla, Małgorzata Nodzyńska
The study of basic everyday chemical knowledge of undergraduate students of non-chemical branches of natural sciences
Katarzyna Potyrała, Anna Mróz, Karolina Czerwiec, Roman Solecki, Łukasz Bandoła
School relations and online activity – Internet vs. social participation 138
Sergiu Codreanu, Ion Arsene, Eduard Coropceanu
Theoretical study of some phenomena and processes in the course of organic chemistry 150