

## Scientific Activity

Name: BÎGIU

Given name: NICUȘOR FLORIN

### 1. Articles/studies published:

#### 1.1. International Journals ISI cited or articles in scientific international databases:

1. The role of gasless laparoscopy in differential diagnosis of acute abdomen. Moga MA, Arvatescu CA, Pratilas GC, **Bigiu NF**, Dinas K, Burtea V. Hippokratia vol.18, Issue no.4, 2014 (IF=0,355 / 2013)
2. Ganglioneuroblastoma during pregnancy – A rare case report. M.A. Moga, A. Daniilidis, N.F. Bigiu, C. Andrei, K. Dinas, D.G. Festila, Clinical and Experimental Obstetrics & Gynecology 2016, 43 (2), 265-267, ISSN 0390-6663( IF=0,52/2015)
3. Heavy metals monitoring using TLC. Badea M., Moga M., Taus N., Bigiu N., Cobzac SC. Journal of Environmental Protection and Ecology – Vol.10, Issue 4, pag.1006-1012, 2009, ISSN: 1311-5065 (IF=0,169/2009)
4. Moga M., Preda Gh., Marceanu L., Miclaus R., **Bigiu N.** Life style factors related to bone mineral density in postmenopausal women. Journal of Environmental Protection and Ecology, Official Journal of the Balkan Environmental Association, Sofia, vol. 9 no. 1, 2008, pg. 67-69 ISSN 1311-5065
5. Moga M., **Bigiu N.** - Healthy facts about nutrition in pregnancy, *Journal of Environmental Protection and Ecology*, 2007, in press, indexed ISI: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Quarterly ISSN: 1311-5065 SCIBULCOM LTD, PO BOX 249, SOFIA, BULGARIA, 1113
6. M. Moga, Mihaela Badea, **N. Bigiu** – Environmental factors in congenital anomalies, *Journal of Environmental Protection and Ecology*, 2008, in press, indexed ISI: JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY Quarterly ISSN: 1311-5065 SCIBULCOM LTD, PO BOX 249, SOFIA, BULGARIA, 1113
7. Predictive markers of intrauterine growth restriction. M. Moga, Maria Mihalache, C. Arvatescu, Alina Pascu, Diana Tint, Victoria Burtea, C. Anastasiu, N. Bigiu. Gineco. eu , Vol. 10 Issue 2 , 2014, ISSN 1841-4435
8. Is maternal HBsAg carrier status associated with adverse pregnancy outcome?. M. Moga, C. Anastasiu, **N. Bigiu**. Gineco. eu , Vol. 9 , No. 31 (1/2013), ISSN 1841-4435
9. Polychlorinated biphenyls impact on pregnancy. M. Moga, **N. Bigiu**, Mihaela Badea, Victoria Burtea. Archives of the Balkan Medical Union Vol. 49, No.1 pg.61-65, 2014, ISSN: 0041-6940
10. Postponement of pregnancies in women with tuberculosis. M. Moga, **N. Bigiu**, A. Pascu, O. Dimienescu. Bulletin of Transilvania University of Brasov, Series VI: Medical sciences – Vol.6 (55) No.1 – 2013, ISSN 2065-2216
11. Birth weight and cardiovascular risk factors in children: which is its place? B. Popovici, M. Moga, **N. Bigiu**. Bulletin of Transilvania University of Brasov, Series VI: Medical sciences – Vol.4 (53) No.1 – 2011, ISSN 2065-2216

#### 1.2. National Journals with ISSN:

1. Moga M., Bîgiu L., **Bigiu N.** – Some aspects of children abandonment in The Hospital for Obstetric –Gynecology “Dr. I. A. Sbarcea”, Brasov, Sibiul Medical, vol. 15, nr. 4, oct-dec 2004, pg. 443-446.
2. Rogozea L., Borzan C., **Bigiu N.**, Miclăuș R., Fleancu A., Badea M., Acupuncture and moxa - a short history, Jurnal Medical Brașovean, nr. 4, 2006, pg. 95-98 ISSN 1841-0782 ( CNCSIS)
3. **Bigiu N.**, Badea M., Coman G., Tănase Ș., Todiraș D., Tomescu A., Vasilei M., Vereguț V. – Contribution to a history of mycotoxins and their effects on human health and mind, 2008, in press, Jurnal Medical Brașovean ( CNCSIS B).
4. Drepturile omului și etica avortului în democrațiile occidentale. Delia Todiraș, Andra Tomescu, **Nicuşor Bigiu**, Marius Moga, Liliana Rogozea. Jurnalul Medical Brașovean Nr. 2, 2013, ISSN: 2247-4706
5. Interleukinele 1, 6, 8 – implicații în etiopatogenia endometriozei . Marius Moga, Maria Mihalache, Costin Anastasiu, **Nicuşor Bigiu**. Jurnalul Medical Brașovean Nr. 1, 2013 ISSN: 2247-4706



## 2. Articles/ Studies published in national/ international conferences proceedings

### 2.1. Articles/ Studies published in extenso

1. Rogozea L., Nemet C., **Bigiu N.**, Leasu F., Miclăuş R. – Ethics, Health Promotion and Environment changes, Bulletin of the Transylvania University of Braşov, Series D, Special Edition for the 2nd International Conference on Trends in Environmental Education EnvEdu 2005, 8-10. 09. 2005, Braşov, România, pg. 294-296
2. Rogozea L., **Bigiu N.**, Nemet C., Leasu F., Badea M. - Ethics in environment health perspectives, EnvEdu 2005, 8-10. 09. 2005, Braşov, pg 290
3. Moga M., **Bigiu N.**, Hospital Environment and the Newborn, EnvEdu 2005, 8- 10. 09. 2005, Braşov, pg 22
4. Rogozea L., Nemet C., **Bigiu N.** - Mihai Ciucă an international personality of XX Century, 40th International Congress on the History of Medicine, Budapest, Hungary, August 26- 30, 2006, pg. 763-766
5. **Nicușor Bigiu**, Florin Leasu, Liliana Rogozea, Roxana Miclăuş - Behavioral modifications and Changing in the Patterns of Communication of Medical students in the Era of Internet, EMMIT 2007, Euro-Mediterranean Medical Informatics and Telemedicine, 3rd International Conference, 3-5 May 2007, Mangalia, România, pg. 106-112.
6. Liliana Rogozea, **Nicușor Bigiu**, Roxana Miclăuş, Cristina Borzan, Florin Leasu – Ethical aspects of relation between doctor and patient in the new era of informatics, EMMIT 2007, Euro-Mediterranean Medical Informatics and Telemedicine, 3rd International Conference, 3-5 May 2007, Mangalia, România, pg. 91-97.
7. Liliana Rogozea, Elena Helerea, Ioana Moisil, Roxana Miclăuş, Florin Leasu, **Nicușor Bigiu** – e-Tools for scientific research in universities, EMMIT 2007, Euro-Mediterranean Medical Informatics and Telemedicine, 3rd International Conference, 3-5 May 2007, Mangalia, România, pg. 124-130.

### 2.2. Articles/ studies published in abstract

8. M. Moga, **Bigiu N.**, The cytokines role in bone resorption of postmenopausal osteoporosis, International Medical Sciences Students Congress, Istanbul, 3-6 May 2000; pg 165
9. M. Moga, **Bigiu N.**, Urinary calcium/urinary creatinine ratio: predictive sign of arterial hypertension International Medical Sciences Students Congress, Istanbul, 3-6 May 2000; pg 178
10. Rogozea L., Nemet C., Negoită G, Miclăuş R., **Bigiu N** – Health Promotion Actions used to Control Substances Abuse in Braşov County, EnvEdu 2004 Conference, Braşov, 2004, pg. 41
11. Taus N., Badea M., Brezina A., Dima L., **Bigiu N.**, Rogozea L., Coman Gh., Hulst A. – The risks of the Consume of Cocaine, EnvEdu 2004 Conference, Braşov, 2004, pg. 57
12. Taus N., Rogozea L., Badea M., **Bigiu N.**, Idomir M., Dima L., Brezina A., Hulst A. – Adolescents Risk – Taking Behavior and Alcohol, EnvEdu 2004 Conference, Braşov, 2004, pg. 58

## 3. Research or educational development projects:

Program /Project:	Role:	Period:
1. Project nr. 5/2005, Hiperdia, Braşov „ <i>Developing a plan for curricular harmonization in nursing training, concordant with European Union and United States of America standards</i> ”	Member	1. 02. 2005-1. 12. 2005
2. Project Leonardo da Vinci - VETPRO, Nr. RO/2006/97125/EX: <i>Exchange of competences in the field of Mental Health Promotion</i> , Utrecht, Nederland	Responsible of exchange program, participant	2006-2007
3. <i>Bioanalytical Methods – Linking Environmental Protection and Public Health</i> SOCRATES/ERASMUS-DISS -51388-IC-1-2003- 1- RO-ERASMUS-DISSUC-2	Researcher	2004-2005
4. CEEX tip: Proiecte de Dezvoltare a Resurselor Umane pentru Cercetare, proiecte pentru tineri cercetatori: <i>Detection of toxic compounds in water, food and biological samples using enzymatic, chromatographic and spectral methods</i> , code project –163, Nr. 5898/18. 09. 2006	Deputy coordinator	2007-2008
5. CEEPUS CII-RO-0313-01-0809, Developing a network for monitoring the impact of environmental and nutritional factors on fertility and neonatal health	Deputy coordinator	2008-2016
6. CEEPUS CII-PL-0004-04-0809, PL-130-05/06	Member	2008-2009
7. BENA-COSMOTÉ research grant, Setting-out and validation of patterns of normality and abnormality in premature birth imminence through advanced analyzation of acoustical signals	Researcher	2008-2009
8. PNCDI II – Parteneriate, BIOACUMULAREA METALELOR GRELE IN LANTUL SOL-LEGUME OM, Coordonator UNIVERSITATEA DE NORD BAIA-MARE( Bioaccumulation of heavy metals in the chain soil- vegetables- humans)	Deputy Coordinator in partner university	2008-2009
9. PROIECT MEDLIFE, Investigarea geografica a determinismului methemoglobinei materne cauza a complicatiilor acute materno-fetale.	Researcher	2014-2016





#### 4. Other papers

##### 4.1. Articles/ studies presented at national/ international meetings and conferences published in extenso

###### 4.1.1. At national level

13. Moga M., **Bigiu N.**, The incidence and complications of prematurity in Dr. I. A. Sbarcea' neonatal unit, Braşov, National Meeting of Perinatology, Targu-Mures, 2005
14. Rogozea L., Nemet C., **Bigiu N.** – Folk medicine and the way it is reflected in Gazette de Transylvania between 1890-1944, a XXXVIII Reuniune Naţională de Istoria Medicinii, anul 2006, pg. 44-51
15. Rădoi M., **Bigiu N.** – The predictive value of atherosclerotic risk factors in the last 30 years history of medicine, a XXXVIII Reuniune Naţională de Istoria Medicinii, anul 2006, pg 383-392

##### 4.2. Articles/ studies presented at national/ international meetings and conferences published in abstract

###### 4.2.1. At international level

1. **Bigiu N.**, Rogozea L., Miclăuş R., Bădău A. – The role of physical education in modulate the child risk comportment, International Symposium Physical education in ante-primary and primary education, edition II, Buzău, 28. 05. 2005, pg. 126
2. Rogozea L., Bădău D., **Bigiu N.**, Miclăuş R., Bădău A. – The role of physical education in psycho-intellectual and social development of child from primary-school, International Symposium Physical education in ante-primary and primary education, edition II, 28. 05. 2005, Buzău, pg. 119
3. Ioana Vasile, Marius-Alexandru Moga, **Nicusor Bigiu** - Consequences of Methemoglobinemia in pregnancy, International Academic Autumn School "Impact of environmental Pollution on Public Health", Brasov, 13-19 oct, pg.27, 2011. ISBN: 978-973-598-945-3
4. Marius Moga, Stela Casap, Ioana Vasile, **Nicusor Bigiu** - Triptorelin (Diphereline) – preoperative treatment of uterine leiomyomas. International Academic Autumn School "Impact of environmental Pollution on Public Health", Brasov, 13-19 oct, pg.40, 2011. ISBN: 978-973-598-945-3
5. Moga Marius, **Bigiu Nicușor-Florin**, Cristiana Glavce - Comportamentul matern. Prima Conferinta Internationala „Zilele Medicale Clinica Eva-Medlife” Brasov, 20-22 oct, 2011. ISBN : 978-973-598-960-6
6. Moga M., Vasile Manitiu Ioana, **Bigiu N** - Impact of omega-3 fatty acids on reproductive outcome". BENA Conference to the National Library (Academy of Sciences of Romania) Bucharest, 11-13 November 2011.

##### 4.3. Communication, posters

7. Moga M., Preda Gh., Mărceanu L., Miclăuş R., **Bigiu N.** - "Life style factors related to bone mineral density in postmenopausal women", The "Quality on food and beverages in the frame of EU standards" Workshop, Bucharest, 23-24 February 2006.
8. **Bigiu N.**, Rogozea L., Moga M. - "Eating behavior - an integrated perspective", The "Quality on food and beverages in the frame of EU standards" Workshop, Bucuresti, 23-24 February 2006
9. Marius Moga, C. Anastasiu, AM Dull, **N. Bigiu** - The predictive value of unilateral protodiastolic notch on uterine arteries Doppler waveform at mid-trimester screening and the obstetrical outcome", (1400/poster), In Proceedings (Book of Abstracts) : ABSTRACTS of 11th World Congress of Perinatal Medicine. Moscow, June 19-22, 2013, Published in Journal of Perinatal Medicine 2013, vol.41, suppl.1, ISSN: 0936-174X, J. Perinat. Med. 41 (2013) • Copyright © by Walter de Gruyter • Berlin • Boston. DOI 10.1515/jpm-2013-2002 (IF=1,425/2013)



## Additional information

### Member in European/ National research and development projects at a senior level:

1. Bioanalytical Methods – Linking Environmental Protection and Public Health SOCRATES/ERASMUS-DISS -51388-IC-1-2003-1- RO-ERASMUS-DISSUC-2.
2. CEEEX tip: Proiecte de Dezvoltare a Resurselor Umane pentru Cercetare, proiecte pentru tineri cercetatori: Detection of toxic compounds in water, food and biological samples using enzymatic, chromatographic and spectral methods, code project –163, Nr. 5898/18. 09. 2006
3. CEEPUS CII-RO-0313-01-0910, Developing a network for monitoring the impact of environmental and nutritional factors on fertility and neonatal health, 2009-2016  
[http://www.ceepus.info/public/network/network\\_info.aspx](http://www.ceepus.info/public/network/network_info.aspx)
4. Project Leonardo da Vinci - VETPRO, Nr. RO/2006/97125/EX: Exchange of competences in the field of Mental Health Promotion, Utrecht, Nederland.
5. CEEPUS CII-PL-0004-04-0809, PL-130-05/06 - Education in separation and identification of organic xenobiotics in environmental samples and food product.  
[http://www.ceepus.info/public/network/network\\_info.aspx](http://www.ceepus.info/public/network/network_info.aspx)
6. Investigarea geografica a determinismului methemoglobinei materne cauza a complicatiilor acute materno-fetale, PROIECT MEDLIFE, 2014-2016, membru in echipa de cercetare  
[https://www.medlife.ro/site\\_storage/public/achizitii\\_documente/rezultat\\_grant\\_cercetare.pdf](https://www.medlife.ro/site_storage/public/achizitii_documente/rezultat_grant_cercetare.pdf)

### Representative articles:

1. 'Ganglioneuroblastoma during pregnancy – A rare case report' - M.A. Moga, A. Daniilidis, **N.F. Bigiu**, C. Andrei, K. Dinas, D.G. Festila, Clinical and Experimental Obstetrics & Gynecology 2016, 43 (2), 265-267.
2. 'Postponement of pregnancies in women with tuberculosis'- Moga M., Pascu, A., **Bigiu, N.**, Dimienescu, O., Bulletin of the Transilvania University of Braşov 2013– Series 6. Vol 6(54), No. 1, 49-58.
3. 'Polychlorinated biphenyls impact on pregnancy'- M. Moga, **N. Bigiu**, Mihaela Badea, Victoria Burtea. Archives of the Balkan Medical Union, 2014, Vol. 49, No.1 pg.61-65.
4. Predictive markers of intrauterine growth restriction. M. Moga, Maria Mihalache, C. Arvatescu, Alina Pascu, Diana Tint, Victoria Burtea, C. Anastasiu, **N. Bigiu**. Gineco. eu , Vol. 10 Issue 2 , 2014;; ISSN 1841-4435
5. Is maternal HBsAg carrier status associated with adverse pregnancy outcome?, M. Moga, C. Anastasiu, **N. Bigiu**. Gineco. eu , Vol. 9 , No. 31 (1/2013); ISSN 1841-4435

