

**AVIZAT pentru domeniul Medicină**

**Director SD-SBM**

**Prof. dr. habil. Dana TUTUNARU**

**AVIZAT pentru domeniul Medicină**

**Director CSUD,**

**Prof. dr. ing. Eugen-Victor-Cristian RUSU**

**FIȘĂ DE VERIFICARE A ÎNDEPLINIRII STANDARDDELOR MINIMALE NECESARE  
ȘI OBLIGATORII PENTRU CONFERIREA TITLURILOR DIDACTICE DIN  
ÎNVĂȚĂMÂNTUL SUPERIOR ȘI A GRADELOR PROFESIONALE DE CERCETARE-  
DEZVOLTARE**

**Comisia 20 Medicină**

**Conf. univ. dr. Andrada MIREA**

**Medic primar pediatrie**

**Doctor în medicină – Ordinul ministrului educației și cercetării științifice nr.**

**3181/06.02.2015**

**Gradul de îndeplinire a standardelor minime conform ordinului**

**MENCS nr. 6129/20.12.2016**

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**Profesor universitar/CSI/Abilitare**

<b>Categorie</b>	<b>Criteriu</b>	<b>Realizat</b>	<b>Grad de îndeplinire</b>
<b>Nr. Articole ISI Autor principal</b>	<b>10</b>	<b>10</b>	<b>100%</b>
<b>Nr. Articole ISI Coautor</b>	<b>5</b>	<b>5</b>	<b>100%</b>
<b>Index Hirsch Web of Science</b>	<b>6</b>	<b>7</b>	<b>116.67%</b>
<b>(ISI) Factor cumulate de impact autor principal (FCIAP)</b>	<b>10</b>	<b>25.476</b>	<b>254.76%</b>

## A. Autor principal – 10 articole ISI/CRITERIU ÎNDEPLINIT

1. Onose, G., Chendreanu, C., Neacsu, A., Grigorean, V., Strambu, V., Toader, C., ... & **Mirea, A.** (2009). Smart textiles for noninvasive monitoring of physiological signals. *Industria Textila*, 60(3), 124-133.
2. Onose, G., Popescu, N., Munteanu, C., Ciobanu, V., Sporea, C., Mirea, M. D., Daia, C., Andone, I., Spînu, A., and **Mirea, A.** (2018). Mobile Mechatronic/Robotic Orthotic Devices to Assist–Rehabilitate Neuromotor Impairments in the Upper Limb: A Systematic and Synthetic Review. *Front. Neurosci.* 12:577. doi:10.3389/fnins.2018.00577, <https://www.frontiersin.org/articles/10.3389/fnins.2018.00577/full>
3. **Mirea, A.**; Shelby, E.-S.; Axente, M.; Badina, M.; Padure, L.; Leanca, M.; Dima, V.; Sporea, C. Combination Therapy with Nusinersen and Onasemnogene Apeparvovec-xioi in Spinal Muscular Atrophy Type I. *J. Clin. Med.* 2021, 10, 5540. <https://doi.org/10.3390/jcm10235540>, <https://www.mdpi.com/2077-0383/10/23/5540/htm>
4. Shelby, E. S., Morris, M., Pădure, L., **Mirea, A.**, Cocoș, R., Cărămizaru, A., ... & Streață, I. (2022). Expanding the Clinical Phenotype of 19q Interstitial Deletions: A New Case with 19q13. 32-q13. 33 Deletion and Short Review of the Literature. *Genes*, 13(2), 212. <https://www.mdpi.com/2073-4425/13/2/212>
5. Morcov, M. V., Pădure, L., Morcov, C. G., **Mirea, A.**, Ghiță, M., & Onose, G. (2022). Comparative Analysis of the Quality of Life in Families with Children or Adolescents Having Congenital versus Acquired Neuropathology. *Children*, 9(5), 714. <https://www.mdpi.com/2227-9067/9/5/714>
6. **Mirea, A.**; Leanca, M. C.; Onose, G.; Sporea, C.; Padure, L.; Shelby, E.-S.; Dima, V.; Daia, C. Physical Therapy and Nusinersen Impact on Spinal Muscular Atrophy Rehabilitative Outcome. *Front. Biosci. (Landmark Ed)* 2022, 27(6), 179. <https://doi.org/10.31083/j.fbl2706179>, <https://www.imrpess.com/journal/FBL/27/6/10.31083/j.fbl2706179>
7. Axente, M.; **Mirea, A.**; Sporea, C.; Pădure, L.; Drăgoi, C.M.; Nicolae, A.C.; Ion, D.A. Clinical and Electrophysiological Changes in Pediatric Spinal Muscular Atrophy after 2 Years of Nusinersen Treatment. *Pharmaceutics*. 2022; 14(10):2074. <https://doi.org/10.3390/pharmaceutics14102074>, <https://www.mdpi.com/1999-4923/14/10/2074/htm>
8. Axente, M.; Sporea, C.; **Mirea, A.**; Burcea, C.-C.; Ion, D. A. (2023). Time-Efficacy in SMA Type 1 and 2 Cases Treated with Nusinersen. *Balneo and PRM Research Journal*, 14(2):566, <http://bioclima.ro/Balneo566.pdf>

9. Sporea, C.; Morcov, M.V.; Morcov, M.; **Mirea, A.** Effectiveness of Passive Movement Training in Patients with Cerebral Palsy: A Comparative Analysis of Robot-Assisted Therapy and Electrical Stimulation in Hand Rehabilitation. *Balneo and PRM Research Journal*, 2023, 14(4):623, <https://bioclima.ro/Balneo623.pdf>
10. Badina M., Sporea C., Bejan G.C., **Mirea A.**, Ion D.A. Impact of Nusinersen on Neurofilament, Creatinine Levels, and Motor Function in Pediatric Spinal Muscular Atrophy Rehabilitation: A Biomarker Analysis. *Rehabilitation Medicine. Balneo and PRM Research Journal*, 2024, 15(2):681, <https://doi.org/10.12680/balneo.2024.681>, <https://bioclima.ro/Balneo681.pdf>

## **B. Coautor – 5 articole ISI/CRITERIU ÎNDEPLINIT**

1. Onose, G., Anghelescu, A., Muresanu, D. et al. A review of published reports on neuroprotection in spinal cord injury. *Spinal Cord* 47, 716–726 (2009). <https://doi.org/10.1038/sc.2009.52>
2. Onose, G., Grozea, C., Anghelescu, A. et al. On the feasibility of using motor imagery EEG-based brain–computer interface in chronic tetraplegics for assistive robotic arm control: a clinical test and long-term post-trial follow-up. *Spinal Cord* 50, 599–608 (2012). <https://doi.org/10.1038/sc.2012.14>
3. Badina, M.; Bejan, G.C.; Sporea, C.; Padure, L.; Mirea, A.; Leanca, M.-C.; Axente, M.; Grigoras, F.P.; Bejan, M.; Shelby, E.-S.; et al. Changes in pNFH Levels in Cerebrospinal Fluid and Motor Evolution after the Loading Dose with Nusinersen in Different Types of Spinal Muscular Atrophy. *Medicina* 2023, 59, 1244. <https://doi.org/10.3390/medicina59071244>, <https://www.mdpi.com/1648-9144/59/7/1244>
4. Badina, M.; Sporea, C.; Bejan, C.G.; Mirea, A.; Ion, D.A. The dynamic of changes of pNFH levels in the CSF compared with the motor scales' scores during three years of nusinersen treatment in children with spinal muscular atrophy types 2 and 3. *Balneo and PRM Research Journal*, 2024, 15(1):643, <https://bioclima.ro/Balneo643.pdf>
5. Toma, A.I.; Dima, V.; Alexe, A.; Bojan, C.; Nemeş, A.F.; Gont, B.F.; Arghirescu, A.; Necula, A.I.; Fieraru, A.; Stoiciu, R.; et al. Early Intervention Guided by the General Movements Examination at Term Corrected Age—Short Term Outcomes. *Life* 2024, 14, 480. <https://doi.org/10.3390/life14040480>

## C. Index Hirsch 6 – CRITERIU ÎNDEPLINIT

The screenshot displays the researcher profile for Andrada Mirea on the Web of Science platform. Key metrics include:

- Total documents:** 17
- Publications indexed in Web of Science:** 17
- Web of Science Core Collection publications:** 16
- H-index:** 7
- Sum of Times Cited:** 256
- Sum of Times Cited by Patents:** 3
- Publications:** 16
- Citing Articles:** 245
- Citing Patents:** 3

The top publication listed is: "On the feasibility of using motor imagery EEG-based brain-computer interface in chronic tetraplegics for assistive robotic arm control: a clinical test and long-term post-trial follow-up" with 120 citations.

## D. Factor cumulativ de impact autor principal (FCIAP) 28,209 / CRITERIU ÎNDEPLINIT

Nr. crt.	Revista	Anul publicării	Factor de impact
1.	Industria Textilă	2009	0.364
2.	Frontiers in Neuroscience	2018	3.648
3.	Journal of Clinical Medicine	2021	4.964
4.	Genes	2022	3.5
5.	Children	2022	2.4
6.	Frontiers in Bioscience Landmark	2022	3.1
7.	Pharmaceutics	2022	5.4
8.	Balneo and PRM Research Journal	2023	0.7
9.	Balneo and PRM Research Journal	2023	0.7
10.	Balneo and PRM Research Journal	2024	0.7
<b>FCIAP</b>			<b>25.476</b>

Confirm prin prezenta că datele menționate mai sus sunt reale și se referă la propria mea activitate profesională și științifică.

Data

15.01.2025

Semnătura candidatului