CIRRUCULUM VITAE: Professor Ilhem Ben Youssef Turki

Research Laboratory of Neurological Diseases of the Child (LR18SP04), National Institute Mongi Ben Hmida of Neurology of Tunis, Faculty of Medicine, University of Tunis El Manar (UTM), Tunisia

NAME: **Ilhem BEN YOUSSEF-TURKI, Female, Married, Mother of 3, Date of birth: 01/05/1958, Beja, Tunisia** RESEARCH GATE researchgate.net/profile/Ilhem_Turki2 ORCID iD: https://orcid.org/0000-0002-4994-9925	**POSITION & TITLE** : - Head of the department of pediatric neurology- National Institute Mongi Ben Hmida of Neurology- Tunis- Tunisia (NINT) - Professor in Neurology: University Tunis El Manar (UTM)- Faculty of medicine- Tunis- Tunisia - Chief of Research Laboratory (LR18SP04) of Child Neurology Diseases - H-index: 10 (Scopus) - Publications: 60 (Scopus) - Citations: 378 (RG) - ORCID: 0000-0002-4994-9925
INSTITUTION AND STUDY LOCATION	Department of Pediatric Neurology- National Institute Mongi Ben Hmida de Neurology- Faculty of Medecine street- Rabta- 1007- Tunis- Tunisia
BUSINESS PHONE NUMBER	+216 71570052/ +216 98557716/ Mail: Ilhem.byt@fmy.utm.tn/secretariatneuroped@gmail.com Fax: +216713197
PROFESSIONAL LICENCE	National Council of Health Professionals number: 4845 Unique identifier: 0090720864
ENGLISH LEVEL	Intermediate (Read, Spoken, written)

ACADEMIC QUALIFICATIONS	**DEGREE:**	**YEAR**	**FIELD OF STUDY/ SPECIFIC SKILLS**
Faculty of medicine of Tunis University Tunis El Manar- Tunis- Tunisia	MD Professor of neurology	06/1986 12/2014	Neurologist. Child Neurology option: Neurometabolic disorders, Hereditary ataxia, Neuromuscular disorders, Epilepsy, child neuroinflamatory and Autoimmune diseases, Infectious diseases Competence and long experience in Child neurophysiology: Video-EEG-ENMG, PE

Key achievements

Education and Professional experience:

- 1976: Bachelor's degree
- 1976-1982: Medical Study at the Faculty of Medicine of Tunis- Tunis El Manar University
- 1982-1986: Specialty curriculum in neurology
- 1986: doctorate in medicine, faculty of medicine of Tunis, UTM.
- 1989: specialty degree in neurology and recruitment at the National Institute of Neurology of Tunis- Tunisia
- 1998: teacher in neurology in faculty of medicine of Tunis, UTM.
- 2008: associate professor in neurology.
- 2015: professor in neurology.
- 2012 to date: head of the department of Pediatric Neurology, NINT.
- 2013-2018: Chief of Research Unit 12SP24, NINT.
- 2018 to date: Chief of the Research Laboratory LR18SP04, NINT.

Awards:

- 2016: award of the Société Française d'ENMG, Strasbourg.
- 2016: award in 11th Maghreb Congress of Neurology, Algeria.

- 2017: award in the 15th Congress of the Pan Arab Union of Neurological Societies - 1st meeting of the African Academy of Neurology, Tunisia.
- 2018: award in 16th Pan Arab Union of Neurological Societies (PAUNS) Meeting, Amman-Jordan.

Invited speaker:

- 2010: 6th Maghrebian Congress of Neurology- Fes, Morocco- November-4-6 2010.
- 2014: 9th Maghrebian Congress of Neurology- - November 13-15-2014-Agadir-Morocco
- 2015: 10th Maghreb Congress of Neurology and the 21st National Congress of Neurology- December, 3-5, Tunis
- 2016: 20th ENMG Francophone Days- June 01-03, 2016 - Strasbourg- France
- 2017: the 1st meeting of the African Academy of Neurology, the 15th Congress of the Pan-Arab Union of Neurological Associations and its 23rd National Congress of Neurology, Marsh, 17-18, Hammamet- Tunisia
- 2018: 16th Pan Arab Union of Neurological Societies (PAUNS) Meeting- September-19-22, 2018- Amman-Jordan.
- 2018: 12th Maghrebian Congress of Neurology – Marrakech- Morocco- December 13-15, 2018
- 2000 to date: Different Annual National congress and Meeting in Tunisia (Neurology (ATN)- Pediatric Neurology (TCNA) with ICNA endorsement in 2020 and 2021- Pediatric Psychiatry (STPEA)- Association for the Study of Hereditary Metabolic Diseases (ATEMMH) …..).
- 2021: 8th Moroccan Congress of Pediatric Neurology - Rabat- 3-5 December 2021

Collective responsibilities:

National activities:

- 1989 to date: member of Tunisian association of Neurology (ATL).
- 2010-2020: Member of the cultural committee of the Faculty of Medicine of Tunis.
- 2010- 2017: President of the neurology-neurosurgery internship commission at the Faculty of Medicine of Tunis.
- 2013 to date: board of administration council at NINT.
- 2013to date: board of medical committee of NINT.
- 2014-2020 to date: Vice President of the Tunisian Association of Child and Adolescent Neurology.
- 2013- 2018: General Secretary of Tunisian parental Association of Child and Adolescent with epilepsy ETAFFAOEL.
- 2018 to date: Member of the Tunisian parental Association of Child and Adolescent with epilepsy ETAFFAOEL.
- 2013 to date: Coordinator of project school at hospital in NINT.
- 2012- 2019: Member of the National expert committee for the eradication of poliomyelitis.
- 2012 to date: Member of the national committee of experts on immunizations.
- 2013-2018: Chairman of the continuing education committee for nursing staff at NINT
- 2018 to date: Member of the National commission for Drugs in Neurology and Neuropediatrics.
- 2018 to date: Member of the absenteeism management committee at NINT.
- 2018 to date: Founder President of the study and management committee for drug-resistant epilepsies at NINT.
- 2018 to date: Head of speech therapy section at the Higher School of Health Sciences and Techniques of Tunis
- 2019 to date: president of the National expert committee for the eradication of poliomyelitis.

	• 2019 to date: Member of the creation committee of the website of NINT. • 2020-2023: President elected of the Tunisian Child Neurology Association (TCNA): tcna.org **International activities:** • 1992- 2010: : Member of th French-speaking ENMG group member • 2010 to date: Member of French-speaking ENMG association member • 2010 to date: Member of the European Society of Pediatric Neurology (SENP) • 2012 to date: Member of the French League against Epilepsy (LFCE) • 2012 to date: Member of ICNA - ACNA • 2013 to date: member of the Pediatric Multiple Sclerosis Study Group (PMSSG) • 2020 to date: Member of Europeen Pediatric Neurology Society (EPNS)
Clinical Research experience	• 2005-2010: National study: Clinical Study: Federated Research Project (PRF) on National Scholar Learning - My Position: Clinical Investigator. • 2018: collaborative networks with Pasteur Institute of Tunis (Sonia ABDELHAK, Rym KEFI) and Mitochondrial Medicine Research Center (LENA ERBS, Guy) to characterize the clinical and genetic aspects of Leigh syndrome in Tunisia. • PTR_Rejuvenage 2018_2019: study of mitochondrial dysfunction in Cockayne syndrome (model of early cell aging which involve oxidative stress and mitochondria), with the Pasteur Institute of Tunis Network (Houda YACOUB, Tunis and Paris via PHP Strasbourg). • 2020-2023: Project Tunisia- Maroco 20 / PRD-18: Clinical, Biochemical and Molecular Investigations of Mitochondrial Cytopathies in Children.
Research Project:	• 2006: International Therapeutic Trial: Gaucher Disease N°: GZGD02507: 2006- My Position: Clinical investigator • 2014: One of the research project, led by Said Galai (LR18SP04 Research coordinator) is the biochemical approach for the diagnosis of mitochondrial metabolic abnormalities (redoxpoint assay: lactate / pyruvate and acetoacetate / 3 hydroxybutyrate and enzymatic assay of mitochondrial respiratory complexes) in mitochondrial cytopathies. This project is the subject of research master's thesis and science thesis. The goal of this project is to set up biochemical tests for mitochondrial diseases in our laboratory. My position: support as chief of the Laboratory. • 2013- 2021: Clinical and molecular study of isolated and syndromic leukodystrophies in Tunisia- Es Sciences Thesis- My Position: Codirector • 2015 (OG) to date: International Therapeutic Trail on ataxia Telangiectasia: IEDAT- Study IEDAT-02-2015_TU2_SIV 16-17 Jul 2019 : My Position: Co-investigator • 2019- 2021: Retrotope Phase 2/3 Clinical Trial of RT001 and Concurrent Natural History Study in Patients with Infantile Neuroaxonal Dystrophy (INAD)- My position: Principal investigator (PI). • 2019- 2023: Project entitled: Cockayne syndrome and aging and the risks to them- Clinical and genetic study and Investigation of enzymatic defects in CS patients and implementation of a non-invasive diagnostic test- My Position: Co-investigator • 2020-2022: Project entitled: "Implication du stress oxydatif dans l'évolution des pathologies neurologiques de l'enfant : Focus sur les cytopathies mitochdriales"- My position: Co-investigator • 2020-2023: Tunisian-Maroccan cooperation project IN THE FIELD OF RESEARCH AND INNOVATION, entitled clinical, Biochemical and Molecular Investigations of Mitochondrial Cytopathies in children. Accepted on Mars 2020. My position: Principal investigator (PI).

Selected peer-reviewed publications:	1) Epilepsy aspects and EEG patterns in Neuro-metabolic Diseases. **Turki I**, Kraoua I, Kechaou M, Smirani S, Ben Rhouma H, Rouissi A, Gouider-Khouja N. Journal of Behavioral and Brain Science. 2011 ; 1 : 69-74. 2) 3-Phosphoglycerate dehydrogenase deficiency: description of two new cases in Tunisia and review of the literature. Kraoua I, Wiame E, Kraoua L, Nasrallah F, Benrhouma H, Rouissi A, **Turki I**, Chaabouni H, Briand G, Kaabachi N, Van Schaftingen E, Gouider-Khouja N. Neuropediatrics. 2013 ; 44(5) :281-5 3) Infantile and childhood onset PLA2G6-associated neurodegeneration in a large North African cohort. Romani M, Kraoua I, Micalizzi A, Klaa H, Benrhouma H, Drissi C**, Turki I**, Castellana S, Mazza T, Valente EM, Gouider-Khouja N. Eur J Neurol. 2015 Jan ;22(1) :178-86 4) Elevated aspartate aminotransferase and lactate dehydrogenase levels are a constant finding in PLA2G6-associated neurodegeneration. Kraoua I, Romani M, Tonduti D, Ben Rhouma H, Zorzi G, Zibordi F, Ardissone A, Gouider-Khouja N, **Ben Youssef-Turki I**, Nardocci N, Valente EM. Eur J Neurol. 2016 Apr ; 23(4) :e24-5 5) Pyridoxine-dependent epilepsy: a novel mutation in a Tunisian child 6) T. Ben Younes, I. Kraoua, H. Benrhouma, F. Nasrallah, N. Ben Achour, H. Klaa, A. Hassen-Rouissi, C. Drissi, JF. Benoist, **I. Ben Youssef – Turki**. Arch Pediatr. 2017 Mar; 24(3):241-243 7) Homozygous 2p11.2 deletion supports the implication of ELMOD3 in hearing loss and reveals the potential association of CAPG with ASD/ID etiology. Lahbib S, Leblond CS, Hamza M, Regnault B, Lemée L, Mathieu A, Jaouadi H, Mkaouar R, **Youssef-Turki IB**, Belhadj A, Kraoua I, Bourgeron T, Abdelhak S. J Appl Genet. 2019 Feb; 60(1):49-56. doi: 10.1007/s13353-018-0472-3. Epub 2018 Oct 4. PMID: 30284680 8) ABCB1 Polymorphisms and Drug-Resistant Epilepsy in a Tunisian Population. Malek Chouchi, Hedia Klaa, **Ilhem Ben-Youssef Turki,** Lamia Hila. Hindawi Disease Markers, Volume 2019 | Article ID 1343650 | 16 pages | https://doi.org/10.1155/2019/1343650 9) Novel POLR1C mutation in RNA polymerase III-related leukodystrophy with severe myoclonus and dystonia. Kraoua I, Karkar A, Drissi C, Benrhouma H, Klaa H, Samaan S, Renaldo F, Elmaleh M, Ben Hamouda M, Abdelhak S, Boespflug-Tanguy O, **Ben Youssef-Turki I**, Dorboz I. Mol Genet Genomic Med. 2019 Sep;7(9):e914. 10) SQSTM1 mutation: Description of the first Tunisian case and literature review. M. Akkari ,I. Kraoua ,H. Klaa, H. Benrhouma ,T. Ben Younes , A. Rouissi , M. Chaabouni, **I. Ben Youssef Turki.** Molecular Genetics & Genomic Medicine 02 November 2020 https://doi.org/10.1002/mgg3.1543 11) Hypomyelination and Congenital Cataract:Clinical, lmaging, and Genetic Findings in Three Tunisian Families and Literature Review lchraf Kraoua* Yosra Bouyacoub,* Cyrine Drissi'* Mariem Chargui, lbtihel Rebai, Ahmed Chebil, Hédia Klaa, Hanene Benrhouma, Aida Hassen, Neziha Gouider-Khouja, Sonia Abdelhak, odile Boespflug-Tanguy**, Ilhem Ben Youssef-Turki,** lmen Dorboz- Neuropediatrics 2021 ;00:1-7 12) book: Epilepsies dans les maladies neuro-métaboliques : Hedia Klaa- Ichraf Kraoua- **Ilhem Turki** ISBN-13: 978-3-639-54331-5- ISBN-10: 3639543319- EAN: 9783639543315- Book language: French- Publishing house: Editions universitaires europeennes (2016-11-23) - Website: http://www.editions-ue.com/ 13) Book: Les leucodystrophies sans marqueurs biochimiques : Ichraf Kraoua- Thyouraya Ben Younes- **Ilhem Ben Youssef Turki** ISBN-13: 978-620-3-41886-6-ISBN-10:6203418862-EAN:9786203418866-

	Book language : French- Editions universitaires europeennes (02-07-2021)- Website: http://www.editions-ue.com/

Date: 11/19/2021

Signature: