

LAUDATIO

Prof. univ. dr. Bernard DAN

medic specialist neurologie pediatică - recuperare medicală
la Université Libre de Bruxelles

Director of Inkendaal rehabilitation Hospital – Bruxelles

**Doctor Honoris Causa
al Universității din Craiova**



Prof.univ.dr. Bernard DAN

Profesorul **Dr. Bernard DAN**, medic specialist neurologie pediatică - recuperare medicală, este profesor la Université Libre de Bruxelles.

Este una dintre personalitățile remarcabile din domeniul dizabilității pediatrice, cu o bogată activitate de cercetare în acest domeniu.

Doctorul **Bernard DAN** s-a născut la 20 septembrie 1970 în Bruxelles, Belgia, este absolvent al Universitatea Liberă Bruxelles-

specializarea medicină, în anul 1992, devine în anul 1997 medic specialist neurologie și în 2000 specialist neurologie pediatrică.

În anul 2002 susține teza de doctorat cu titlul *Contribuții la studiul controlului motor în paralizia cerebrală*, în cadrul Universității Libere Bruxelles. Ca o anexă a acestei lucrări de doctorat, Prof. Bernard elaborează un studiu complex referitor la studiul comportamentului neurofiziologic al celulelor Purkinje în sindromul Angelman.

Încă de la începutul formării sale profesionale doctorul Bernard DAN s-a orientat spre direcțiile de specializare: neurologie, neurologie pediatrică fiind rezident al unor prestigioși profesori neurologi din Europa.

A aprofundat cunoștințele medicale, în cadrul unor burse de studii obținute ca medic rezident, ceea ce i-au oferit posibilitatea de a efectua stagii de pregătire în cadrul *Universității din Londra la Hospital for Sick Children*, alături de Dr. S. Boyd (01.08.94 - 30.09.94), Prof. B. Neville (01.08.93 - 31.07.94) și apoi la *Royal London Hospital* alături de Prof. A. Ridley (01.08.90 - 31.08.90) și Prof. S. Cohen (01.07.90 - 31.07.90).

Interesul sau clinic și de cercetare a inclus încă de la început domeniul controlului motor, în special în afecțiunile precum paralizia cerebrală și afecțiunile neurogenetice.

În anul 2002 este numit director al *Centrului de analiză de mișcare* din campusul Universitar Brugmann.

În 2004 devine specialist în Recuperare, cu competențe în recuperarea specială și reabilitare funcțională, socială și profesională.

Din decembrie 2005 este director medical al CIRICU –Centru de referință pentru paralizia cerebrală [(ULB-VUB-ULg (CIRICU)], centru interuniversitar de referință pentru paralizia cerebrală în cadrul Spitalului universitar pentru copii Reine Fabiola, Université Libre de Bruxelles unde profesorul DAN a devenit șeful departamentului de neurologie în martie 2007.

În anul 2009, devine profesor la Universitatea Liberă Bruxelles, Departamentul de Neuroștiințe al Facultății de Medicină.

A devenit responsabil cu cercetarea medicală, având calitatea de director medical asociat, la Spitalul universitar de copii Reine Fabiola începând cu anul 2011.

Preocupat de o permanentă perfecționare profesională și științifică, domnul Prof. Dr. Bernard DAN este numit director medical și paramedical al Spitalului de reabilitare Inkendaal, în cadrul căruia a dezvoltat o bază clinică de reabilitare neurologică, dar și un cadru deosebit de cercetare în boli neurologice, în special distrofiile musculare.

Este membru al 7 societăți științifice de prestigiu din Belgia și de la nivel mondial. Domnul Profesor prezidează comitetul științific al Academiei Americane de Paralizie Cerebrală și este membru al consiliului de administrație al acestei academii.

Este membru al Academiei Regale de Medicină din Belgia (Royal Academy of Medicine of Belgium - ARMB), a fost numit Officer of the Order of Leopold II, și a fost laureat al Premiului Socrate pentru excelența pedagogică. În 2009 a primit Premiul Exceptional Houtman, în 2012 a primit Premiul Professor Christian Coërs de Marneffeși Premiul John Stobo Prichard.

A fost profesor invitat al Facultății de Medicină –Universitatea din Rwanda, dar și la Universitatea Pierre et Marie Curie (Paris VI), unde a susținut cursuri în cadrul Masterului de reeducare și inginerie medicală, bazat pe o abordare pluridisciplinară a procesului de recuperare neurologică.

Se remarcă permanenta preocupare a D-lui Prof. Bernard, în activității de coordonare a numeroaselor cursuri de specialitate și mastere profesionale cum sunt: mastere de pediatrie, de neurologie, de reabilitare și fizioterapie. În același timp se evidențiază interesul pentru perfecționarea în domeniul tehnicilor de de

reabilitareneuromotrie, doveditprinparticiparea la curusirle de dezvoltareneuromotorieBobath.

Activitatea sa de cercetare se regaseșteîncadrulȘcolilor doctorale dindomeniileȘtiințeleMotoriișiNeuroștiințe, dar șiîncadrulInstitutului de Neuroștiințe al UniversitățiiLibere Bruxelles.

Rezultatele cercetărilor sale, reprezentând activitatea sa clinică de specialitate este vizibilă prin publicarea unui număr de peste 70 de articole originale în calitate de primautor în reviste cotate ISI; 106 articole în calitate de coautor în jurnale de prestigiu, cu factor de impact peste 1, cu 8783 de citări și indice Hirsch 38.

Este autorul a multor cărți despre dizabilitatea copilului, sindromul Angelman, a co-editat o carte de referință majoră privind paralizia cerebrală, și una pe etica privind neurodisabilitățile copilăriei (Mac Keith Press), deasemenea este autorul a 23 capitole în cărți de specialitate apărute la edituri de prestigiu.

Este redactor-șef al *Developmental Medicine and Child Neurology*, revista lider în domeniul neurologiei pediatrice (cu un factor de impact IF 3,615).

Dorința de a dezvolta activitatea de cercetare în domeniul reabilitării neurologice, dar și al cercetării fundamentale în sfera analizei mișcării, s-a remarcat prin publicare unor studii de specialitate, dar și în coordonarea activității de cercetare a beneficiarilor de burse postdoctorale, printre care s-a numărat și un reprezentant al Universității din Craiova.

Ca urmareaaprecieriiactivitățiiprofesional-stiintifice a Prof. dr. Bernard DANconsiderăm că este o onoarepentruUniversitatea din Craiova să recunoascăîntreagasaactivitateprinacordareatitlului de Doctor Honoris Causa, ceea ce va permitdezvoltarearelățiilor de colaborare în domeniulcercetăriiștiințificemedicale.

CURRICULUM VITAE

I. General information:

- 1.1. Surname, First name: **DAN, Bernard**
- 1.2. Gender: Male
- 1.3. Place and date of birth: Brussels (Belgium), 20 September 1967
- 1.4. Citizenship: Belgian
- 1.5. Home address: Gendarmendreef 143, 1180 Brussels, Belgium
- 1.6. Telephone; e-mail:work: +32 2 45392162; bernard.dan@ulb.ac.be
- 1.7. Languages:
 - active: French, English, Dutch
 - passive: Italian, German, Spanish

II. Academic titles:

- 2.1. **MD**
 - Docteur en Médecine, Chirurgie et Accouchements (ULB, 1992)
 - Thesis: « Neurological Complications of Behçet's Disease »
- 2.2. **Specialist neurologist**
 - Médecin spécialiste en Neurologie (ULB, 1997)
- 2.3. **Specialist paediatric neurologist**
 - Compétence spéciale en Neurologie Pédiatrique (ULB, 2000)
- 2.4. **Specialist rehabilitation physician**
 - Compétence spéciale en réadaptation fonctionnelle, sociale et professionnelle (ULB, 2004)
- 2.5. **PhD**
 - Doctorat en Sciences Médicales (ULB, 2002)
 - Promoter: Prof. Guy Cheron, co-promoter: Prof. Pierre Noël
 - Thesis: « Contribution to the study of organisation and control of movement in cerebral palsy »
 - Annex Thesis: « Study of the neurophysiological behaviour of Purkinje cells in a transgenic mouse model of Angelman syndrome ».
- 2.6. **Full Professor** (ULB, 2009)
 - Professeur Ordinaire c
- 2.7. **Executive Master in Management of Health Care Institutions** (ULB, 2014)
 - Master en Management des Institutions de Soins et de Santé (MMISS)
 - Solvay Business School, Ecole de Santé Publique, Faculté de Médecine

III. Hospital work:

- 3.1. Appointments
 - Current appointments*
 - Since 2015: **Medical and Paramedical Director** of Revalidatieziekenhuis Inkendaal, Vlezenbeek, Belgium

- Since.2005: **Medical Responsible for CIRICU Reference Centre for Cerebral Palsy** - Médecin-coordonateur du Centre Interuniversitaire de Référence pour l'Infirmitté Motrice Cérébrale ULB-VUB-ULg (CIRICU)

3.2. Training periods abroad:

- 01.08.94 - 30.09.94: Honorary Registrar, Department of Clinical Neurophysiology (Dr S. Boyd), Hospital for Sick Children, University of London
- 01.08.93 - 31.07.94: Senior House Officer / Registrar, Department of Neurology (Prof. B. Neville), Hospital for Sick Children, University of London
- 01.08.90 - 31.08.90: Elective Medical Student, Department of Neurology (Prof. A. Ridley), Royal London Hospital, University of London
- 01.07.90 - 31.07.90: Elective Medical Student, Department of Psychiatry (Prof. S. Cohen), Royal London Hospital, University of London

IV. Teaching :

4.1. University:

Current Appointments **Full Professor** (Professeur ordinaire c) at the Université Libre de Bruxelles, Brussels, Belgium

- *undergraduate teaching*

Neuroscience, Faculté de Médecine, Université Libre de Bruxelles, since 2014-20015

Neurophysiology and neurobiology, Faculté des Sciences Psychologiques et de l'Education, Université Libre de Bruxelles, since 2005-2006

- *postgraduate medical training*

Internship supervisor functional rehabilitation - Stagemester Functionele Revalidatie in Revalidatieziekenhuis Inkendaal for de VUB, KUL, Ugent en UA.

Paediatric neurology- Formation en Neurologie Pédiatrique, Faculté de Médecine, Université Libre de Bruxelles : Coordinateur responsable

- *Doctoral schools*

Doctoral School in Motor Sciences - Member of the Scientific Committee

Doctoral School in Neuroscience - Member of the Scientific Committee

ULB Neuroscience Institute (UNI) - Member

4.2. As invited professor

2008, 2012, 2014: Invited professor at the Faculty of Medicine, **University of Rwanda**, Rwanda

2012: Invited professor at the Faculty of Medicine, Science et Technologies, Master en Rééducation et Ingénierie Médicale (Approche Pluridisciplinaire du Handicap Neurologique de l'Adulte), **Université Pierre et Marie Curie (Paris VI)**, France

4.3. Non-university:

- **Bobath / Neurodevelopmental Therapy** – Basic course, Belgium: Membre du Collège d'Enseignement de la formation Bobath / Neurodevelopmental Therapy (A.B.B.V., Association Belge Bobath - Belgische Bobath Vereniging)

- **Bobath / Neurodevelopmental Therapy**– Basic course, France : Membre du Collège d'Enseignement de la formation Bobath /

Neurodevelopmental Therapy (A.M.T.E.F. Bobath, Association des Médecins et Thérapeutes d'expression française formés au traitement Bobath de l'IMC)

- **Aucouturier Psychomotor Therapy**- Membre du Collège d'Enseignement de la formation en thérapie psychomotrice Aucouturier (E.B.P.P.A.), Ecole Belge de Pratique Psychomotrice Aucouturier

- **FELSI** – Fédération des Etablissements Libres Subventionnés Indépendants (Fédération Wallonia-Brussels Belgium)

- **ONE** – Office de la naissance et de l'enfance (Federation Wallonia-Brussels Belgium)

- **ABPA** - Association Belge de psychomotriciens formés à la Pratique Aucouturier (Belgium)

V. Scientific activities and publications:

5.1. Single-author books

1. B. Dan. *Le syndrome d'Angelman*. Fondation Angelman Belgique, Bruxelles, 1997

2. B. Dan. *Angelman syndrome*. Mac Keith Press, Wiley-Blackwell. London, 2008

5.2. Multiple authors books

1. S. dalla Piazza, B. Dan. *Handicaps et Déficiences de l'Enfant*. De Boeck Université, Brussels, 2001

2. LUCIA (Y. Thanassekos, E. Danblon, C. Javeau, B. Dan, M. Abramowicz, J.C. de Biseau, P. van der Dungen, A.M. Roviello, J.P. Schreiber, G. Haarscher). *Les Lumières contre elles-mêmes. Avatars de la modernité*. Kimé, Paris, 2009

3. Angelman Syndrome Guideline Development Group (J. Clayton-Smith, B. Dan, D. Adams F. Emerson, M. Krajewska-Walasek, C. Lloyd, R. MacKinnon, P. Robertson, M. Thomas). *Angelman Syndrome Clinical Management Guidelines*. DYSCERNE, Manchester, 2009

4. B. Dan, L. Rosenbloom, N. Paneth, M. Mayston. (eds.) *Cerebral Palsy. Science and Clinical Practice*. Mac Keith Press, Wiley, London, 2014

5. P. Rosenbaum, G. Ronen, E. Racine, J. Johannesen, B. Dan. (eds.) *Ethics in Child Health: Principles and Cases in Neurodisability*. Mac Keith Press, Wiley, London, 2016

5.3. Articles in international peer-reviewed scientific journals Research articles

1. B. Dan, E. Bouillot, A. Bengoetxea, C. Devalck, C. Christophe, G. Cheron. Gait control in spinal palsy. *Brain and Development* 2004 Oct; 26(7): 463-468.

2. B. Dan, E. Bouillot, A. Bengoetxea, G. Cheron. Effect of intrathecal baclofen on gait control in human hereditary spastic paraparesis. *Neuroscience Letters* 2000 Feb 25, 280(3): 175-178

3. B. Dan, E. Bouillot, A. Bengoetxea, P. Noël, A. Kahn, G. Cheron. Adaptive motor strategies for squatting in spastic diplegia. *European Journal of Paediatric Neurology* 1999 Jul, 3(4): 159-165

4. B. Dan, E. Bouillot, A. Bengoetxea, P. Noël, A. Kahn, G. Cheron. Head stability during whole body movements in spastic diplegia. *Brain and Development* 2000 Mar, 22(2): 99-101
5. B. Dan, E. Bouillot, A. Bengoetxea, S.G. Boyd, G. Cheron. Distinct multi-joint control strategies in spastic diplegia associated with prematurity or Angelman syndrome. *Clinical Neurophysiology* 2001 Sep; 112(9): 1618-1625
6. B. Dan, F. Christiaens, A.M. Missa, F. Vanhorsigh, G. Cheron. Idiopathic infantile asymmetry and infantile hemiplegia. *Early Human Development* 2005 Jun; 81(6): 571-572.
7. B. Dan, F. Christiaens, C. Christophe, B. Dachy. Transcranial magnetic stimulation and other evoked potentials in pediatric multiple sclerosis. *Pediatric Neurology* 2000 Feb, 22(2): 136-138
8. B. Dan, F. Christiaens, G. Cheron. Automatico-voluntary dissociation in Angelman syndrome. *Brain and Development* 2000 Mar, 22(2): 139
9. B. Dan, F. Christiaens, L.D. Mewasingh, C. De Laet, P. Goyens. Late-treated phenylketonuria mimicking Angelman syndrome. *American Journal of Medical Genetics* 2001 Dec; 104(4): 345-346
10. B. Dan, F. Christiaens, M. Szyper. Vigabatrin as a first-line treatment in infantile spasms. *Acta Paediatrica Japonica* 1996, S2: S8-S11
11. B. Dan, F. Christiaens. Dopey's seizure. *Seizure* 1999 Jun, 8(4): 238-240
12. B. Dan, G. Cheron. Developmental impairment that is not immaturity. *Developmental Medicine and Child Neurology* 2005 Feb;47(2):141-143.
13. B. Dan, G. Cheron. Intrathecal baclofen normalizes motor strategy for squatting in familial spastic paraplegia: a case study. *Neurophysiologie Clinique/Clinical Neurophysiology* 2000 Feb, 30(1): 43-48
14. B. Dan, G. Cheron. Postural rhythmic muscle bursting activity in Angelmansyndrome. *Brain and Development* 2004 Sep; 26(6): 389-393.
15. B. Dan, N. Damry, C. Fonteyne, P. Jissendi, F. Ziereisen, C. Christophe. Iterative diffusion-weighted magnetic resonance imaging in infantile non-haemorrhagic non-accidental brain injury. *Developmental Medicine and Child Neurology* 2008 Jan;50(1):78-80.
16. B. Dan, S.G. Boyd, F. Christiaens, W. Courtens, L. Van Maldergem, A. Kahn. Atypical features in Angelman syndrome due to imprinting defect or uniparentaldisomy of chromosome 15. *Neuropediatrics*2000 Apr, 31(2): 109-110
17. B. Dan, S.G. Boyd. Dacrystic seizures reconsidered. *Neuropediatrics*1998 Dec, 29(6): 326-327
18. B. Dan, S.G. Boyd. Stimulus-sensitive burst-spiking in burst-suppression in children: implications for management of refractory status epilepticus. *Epileptic Disorders* 2006 Jun; 8(2): 143-150.
19. B. Dan. Titus's tinnitus. *Journal of the History of Neurosciences* 2005 Sep; 14(3):210-213.

Review articles, Editorials and Commentaries

20. B. Dan, B. Dachy. Transcranial magnetic stimulation: a path from pyramidal to extrapyramidal syndrome? *Developmental Medicine and Child Neurology* 2011 Aug; 53(8): 682-683. (Editorial commentary)
21. B. Dan, C. Fonteyne, S. Clément de Cléty. Self-requested euthanasia for children in Belgium. *Lancet* 2014 Feb; 383(9918): 671-2. (Invited comment)
22. B. Dan, C. Kornreich. Talmudic, Koranic and other classic reports of stalking. *British Journal of Psychiatry* 2000 Sep, 177(3) : 282 (Letter)
23. B. Dan, E. Smith. Cure neurodevelopmental genetic conditions, please. *Developmental Medicine and Child Neurology* 2012 Aug; 54(8): 675. (Editorial)
24. B. Dan, F. Motta, J.S.H. Vles, M. Vloeberghs, J.G. Becher, P. Eunson, V. Gautheron, S. Lütjen, V. Mall, S.I. Pascual-Pascual, P. Pauwels, G.K. Røste. Consensus on the appropriate use of intrathecal baclofen (ITB) therapy in paediatric spasticity. *European Journal of Paediatric Neurology* 2010 Jan; 14(1): 19-28. (Guidelines)
25. B. Dan, G. Cheron. Le syndrome d'Angelman: un modèle clinique et génétique. *Revue Neurologique* 2003 May; 159(5 Pt 1): 499-510 (Review)
26. B. Dan, G. Cheron. Linking motor impairment to function. *Developmental Medicine and Child Neurology* 2000 Jan, 42(1): 69 (Letter)
27. B. Dan, G. Cheron. Reconstructing cerebral palsy. *Journal of Pediatric Neurology*, 2004 Apr; 2(2): 57-64. (Review)
28. B. Dan, K. Pelc, A.M. Cebolla, G. Cheron. High Density EEG developmental neurophysiological trajectories. *Developmental Medicine and Child Neurology* 2015 Apr; 57 Suppl 3: 44-47. (Review)
29. B. Dan, K. Pelc, C. Christophe. What would the brain look like in Angelman syndrome? *European Journal of Paediatric Neurology* 2009 May; 13(3):269-270. (Invited commentary)
30. B. Dan, K. Pelc, G. Chéron. Topotécan, espoir thérapeutique dans le syndrome d'Angelman? *Médecine/Sciences* 2012 Jun-Jul ; 28(6-7) : 572-574. (Invited commentary)
31. B. Dan, K. Pelc, L. De Meirleir, G. Cheron. Phenotypic plasticity in neurodevelopmental genetic disorders. *Developmental Medicine and Child Neurology* 2015 Apr; 57 Suppl 2: 52-54. press. (Review)
32. B. Dan, K. Pelc. Earliest historic reference of 'tinnitus' is controversial. *Journal of Laryngology and Otology* 2005 Jan; 119(1): 78. (Letter)
33. B. Dan, L. Servais, S.G. Boyd, J. Wagstaff, G. Cheron. From electrophysiology toward chromatin: a bottom-up approach to Angelman syndrome. *Annals of the New York Academy of Sciences* 2004 Dec; 1030: 599-611. (Review)
34. B. Dan, M. Bax, M. Goldstein, P. Rosenbaum, A. Leviton, N. Paneth. Proposed definition of cerebral palsy. *Developmental Medicine and Child Neurology* 2006 Jan; 48(1): 79. (Letter)

35. B. Dan, M.J. Abramowicz. From genotoxic ailments to genetic disorders: Ireland's *On Idiocy and Imbecility* revisited. *Developmental Medicine and Child Neurology* 2004 Sep;46(9):646-647. (Review)
36. B. Dan, P. Baxter. Paediatric neurology: a year of DNA technology. *Lancet Neurology* 2014 Jan; 13(1): 16-18. (Invited editorial)
37. B. Dan, S.G. Boyd, G. Cheron. From genomic imprinting to developmental physiology: identifying stepping stones. *Current Pharmacogenomics* 2004 Jul; 2(3): 232-243. (Review)
38. B. Dan, S.G. Boyd, K. Pelc, G. Cheron. Lamotrigine effect on GABA transmission in Angelman syndrome? *Epilepsia* 2007 Aug;48(8):1634. (Letter)
39. B. Dan, S.G. Boyd. A neurophysiological perspective on sleep and its maturation. *Developmental Medicine and Child Neurology* 2006 Sep; 48(9): 773-779. (Review)
40. B. Dan, S.G. Boyd. Angelman syndrome: reviewed from a neurophysiological perspective. The *UBE3A-GABRB3* hypothesis. *Neuropediatrics* 2003 Aug; 34(4):169-176 (Review)
41. B. Dan, S.G. Boyd. Dacrytic seizures further reconsidered. *Neuropediatrics* 1999 Apr, 30(2): 107-108 (Letter)
42. B. Dan, S.G. Boyd. Nonconvulsive (dialeptic) status epilepticus in children. *Current Pediatric Reviews* 2005 Jan; 1(1): 7-16. (Review)
43. B. Dan, S.G. Boyd. Stimulus sensitivity in treated status epilepticus. *Pediatric Neurology* 2006 Apr; 34(4): 334. (Letter)
44. B. Dan. An EPNS embassy at EACD 2010 in Brussels. *European Journal of Paediatric Neurology* 2010 May; 14(3): 293-294. (Letter)
45. B. Dan. Angelman syndrome. *European Journal of Paediatric Neurology* 1997 Nov, 1(4): 131 (Editorial)
46. B. Dan. Angelman syndrome: current understanding and research prospects. *Epilepsia* 2009 Nov; 50(11): 2331-2339. (Review)
47. B. Dan. Beyond localizing neurology and psychology. *Developmental Medicine and Child Neurology* 2016 Jan; 58(1): 4. (Editorial)
48. B. Dan. Cannabinoids in paediatric neurology. *Developmental Medicine and Child Neurology* 2015 Nov; 57(11): 984. (Editorial)
49. B. Dan. Challenges in using hospital billing databases for epidemiology. *Developmental Medicine and Child Neurology* 2015 Jan; 57(1): 7-8. (Invited Commentary)
50. B. Dan. DMCN 2016 highlights: cerebral palsy epidemiology, communication in autism, and more. *Developmental Medicine and Child Neurology* 2016 Dec; 58(12): 1205. (Editorial)
51. B. Dan. End-of-life management in children. *Developmental Medicine and Child Neurology* 2015 Aug; 57(8): 688. (Editorial)
52. B. Dan. *Jeu de miroirs* between medical illustration and art. Angelman syndrome. *Journal of Pediatric Neurology*, 2005 Mar; 3(3): 1-3 (Editorial)

53. B. Dan. Le dialogue neurogénétique illustré par le syndrome du « pantin hilare » d'Angelman. *Bulletin et Mémoires de l'Académie Royale de Médecine de Belgique* 2010; 165(7-9): 327-37. (Lecture note)
54. B. Dan. Management of ADHD in atypical populations. *Developmental Medicine and Child Neurology* 2016 Jul; 58(7): 648. (Editorial)
55. B. Dan. Maternal UBE3A: "The rest is silence?" *European Journal of Paediatric Neurology*, 2012 Nov; 16(6): 760-761. (Invited commentary)
56. B. Dan. Measures of progress. *Developmental Medicine and Child Neurology* 2010 May; 52(s4): 1. (Editorial)
57. B. Dan. Measuring outcomes: an ethical premise in management of childhood disability. *Developmental Medicine and Child Neurology* 2010 Jun; 52(6): 501. (Editorial)
58. B. Dan. Médecine et humanités. *La Lettre des Académies* 2012; 284: 63-69. (Essay)
59. B. Dan. Medical rhetoric and rhetoric medicine. *Developmental Medicine and Child Neurology* 2014 Oct;56(10):916 (Editorial)
60. B. Dan. Nutrition, brain function, and plasticity in cerebral palsy. *Developmental Medicine and Child Neurology* 2016 Sep; 58(9): 890. (Editorial)
61. B. Dan. Phenotype in Angelman syndrome. *European Journal of Human Genetics* 2000 Apr, 8(4): 241 (Letter)
62. B. Dan. Progressive course in cerebral palsy? *Developmental Medicine and Child Neurology* 2007 Sep;49(9):644. (Editorial commentary)
63. B. Dan. Promising therapeutic avenues for Angelman syndrome. *Frontline* 2012 Sep; 88: 26-27. (Review)
64. B. Dan. Rehabilitative and therapeutic neuroarchitecture. *Developmental Medicine and Child Neurology* 2016 Nov; 58(11): 1098. (Editorial)
65. B. Dan. Stem cell therapy for cerebral palsy. *Developmental Medicine and Child Neurology* 2016 May;58(5):424. (Editorial)
66. B. Dan. Strengthening the foundations of Africa's neurology services. *Lancet Neurology* 2009 Mar; 8(3):227. (Letter)
67. B. Dan. Sudden infant death syndrome research pioneer: André Kahn (1943–2004). *Journal of Pediatric Neurology* 2005 Feb; 3(2): 61–62. (Obituary)
68. B. Dan. The paediatrician's role in support groups for rare diseases. *ActaPaediatrica* 2008 Nov; 97(11): 1510-1511. (Editorial commentary)
69. B. Dan. The promises of epigenetics for neurodisability. *Developmental Medicine and Child Neurology*, in press (Editorial)
70. B. Dan. Where motor disability and elite sports science meet. *Developmental Medicine and Child Neurology* 2016 Mar;58(3):216. (Editorial)
71. B. Dan. You have full text access to this contentGap junctions in epilepsy: for better or worse. *Developmental Medicine and Child Neurology*, in press (Editorial)

5.4. Book reviews

1. S.H. Sheldon, S. Riter, M. Detrojan (eds.) Atlas of Sleep Medicine in Infants and Children. ISBN 0-879-93423-9, Armonk, NY, Futura Publishing Company Inc, 1999, *Brain* 2000 Mar; 123(3): 654-655.
2. S. Louryan, M. Lemort (eds.) Imagerie des méninges. ISBN 978-2-84023-688-7, Montpellier, France, Sauramps Médical, 2010, *Revue Médicale de Bruxelles* 2011 Jan; 32(1) : 60.

VI. Scientific societies

Current appointments

- *National scientific societies*

Belgian Society of Paediatric Neurology (BSPN) Member (2000-) Board of Directors (2003-) Chairman (2006-2010)

Belgian Academy of Childhood Disability (BeACD) Founding Member (2010) Chairman (2010-2014) Board of Directors (2010-)

Auschwitz Foundation Board of Directors (2012) President-elect (2014-)

- *International scientific societies*

European Academy of Childhood Disability (EACD)

Member (2005) Member of the General Management Committee (2006-) National Coordinator for Belgium (2010-) President (2010) Chairman of the Scientific Committee (2011-)

International Child Neurology Association (ICNA) Member (2007)

La Fondation Motrice Member of the Scientific and Strategic Committee (2008-2015)

American Academy of Cerebral Palsy and Developmental Medicine Board of Directors (2015-) Member (2015-)

VII. Mandates with scientific journals

Current appointment As editor

Editor in Chief for *Developmental Medicine and Child Neurology* (since 2015)

Member of the Editorial Board

Developmental Medicine and Child Neurology (since 2009)

Pediatric Neurology (2004-2015)

Current Pediatric Reviews (2004-2015)

Reviewer

Acta Neurologica, Acta Paediatrica, American Journal of Medical Genetics, Biological Psychiatry, Brain, Case Reports in Neurology, Clinical Neurophysiology, Developmental Medicine and Child Neurology, Disability and Rehabilitation, Epilepsia, European Journal of Paediatric Neurology, Experimental Brain Research, Experimental Neurology, Human Reproduction, International Pediatrics, Journal of Child Neurology, Journal of Medical Genetics, Journal of Pediatric Neurology, Journal of Pediatric Rehabilitation, Journal of Pediatrics, Molecular Syndromology, Neurobiology of Disease, Neurology, Neuropediatrics, Pediatric Neurology, Neuropsychiatric Disease and Treatment, Neurorehabilitation and Neural Repair,

Neurosciences, Pediatrics, Pediatric Rehabilitation, Pediatric Research, Psychiatry Research, Sleep Medicine, The Lancet, The Lancet Diabetes & Endocrinology, The Lancet Neurology

VII. Missions of expertise

- For Belgian bodies and institutions

Permanent Expert for the *Hoge Gezondheidsraad / Conseil Supérieur de la Santé*

Permanent Expert for the *Federal agency for medicines and health products*

Ad Hoc Expert for the *Institut National d'Assurance Maladie Invalidité (INAMI, Belgium): working groups on autism; ADHD; cerebral palsy; speech and communication therapy*

- For non-Belgian bodies and institutions

Expert for the *Fonds National de la Recherche Suisse* (2002)

Expert for the *International League Against Epilepsy* (2004)

Expert for the *National Institute of Health* (U.S.A.) (2004-2006)

Member of the Executive Committee for the Definition and Classification of Cerebral Palsy

Expert for the *Fondazione Pierfranco e Luisa Mariani* (2006, 2009, 2010)

Coordinator of the *European Working Group on Paediatric Spasticity* (2007-2010)

Foreign Member of the Jury for the *Spinoza Prize* (awarded by the Netherlands Organization for Scientific Research NOW) (2008)

Expert for the *Agence Nationale de la Recherche* (France) (2009)

Foreign Expert for *Academic Promotions, Sackler Faculty of Medicine, Tel Aviv University* (Israel) (2009-2010)

Foreign Expert for *Academic Promotions, Nanyang Technological University* (Singapore) (2009-2010)

Expert for *DYSCERNE: A Network of Centres of Expertise in Dysmorphology* (2009-2010)

Expert for the *National Institute of Health* (U.S.A.) (2012-)

Member of the Task Force on Childhood Motor Disorders

International Expert for the Ontario Brain Institute (2015-2016)

VIII. Prizes and distinctions.

-Audrey Angelman Award (1997), Received from the hands of Audrey Angelman for promoting interaction between scientific research, health care and families of persons with Angelman syndrome

-Officer of the Order of Leopold II (2007)

Bestowed by HRM King Albert II on proposal of the Prime Minister in recognition of outstanding services

-Socrates Award (of pedagogic excellence, Université Libre de Bruxelles) (2008)

-Exceptional Houtman Prize to the benefit of children with disabilities (2009), Received from the hands of the HRM Queen Paola of Belgium for the “Parents dans l’équipe” programme (“Parents in the team”)

“This Prize to the benefit of childhood disability is awarded in order to acknowledge a concrete and original initiative that contributed to improving the well-being and promoting the rights of children with disabilities in the Communauté française de Belgique.”

-2009 Best Reviewer for Human Reproduction (2010), “Awarded by Oxford University Press in recognition of the excellent contribution of Bernard Dan to *Human Reproduction*’s peer review the process in the year 2009.”

-Lifelong International Medical Patron of the Angelman Syndrome Association of Australia (2010)

- Prix Annick Marnef (2010), for the Neurohabilitation unit, “Awarded for the best project to improve the care of children at the Hôpital Universitaire des Enfants Reine Fabiola, Brussels, Belgium”

Professor Christian Coërs de Marneffe Award (2012), Awarded by the Royal Academy of Medicine of Belgium for exceptionally bright young scientists involved in neuromuscular research; shared with Nicolas Deconinck

- John Stobo Prichard Award (2012), Awarded by the International Child Neurology Association for a young child neurologist who has made a significant contribution to clinical and basic research

- Talents de la Création Prize for Innovation (2013), Awarded by the Haute Ecole Condorcet (HEPH) for the Human Waves project, to encourage young ambitious companies in their innovation in translating knowledge into practice

- Iris Research First Prize (2013), Awarded by the Iris Research Fund and the King Baudouin Foundation