

## CURRICULUM VITAE

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### DEGREES :

- Licence en Sciences Chimiques, Université Libre de Bruxelles, 1975
- Agrégation de l'Enseignement Secondaire Supérieur, Université Libre de Bruxelles, 1975
- Doctorat en Sciences Biomédicales, Université Libre de Bruxelles, 2002

### CAREER:

- Employée à la recherche (Assistante au laboratoire d'analyse du service de synthèse chimique) par Continental Pharma S.A., à Bruxelles, (1976-1980).
- Chercheur à l'Institut de Recherche Interdisciplinaire en Biologie Humaine et Moléculaire (Faculté de Médecine, Université Libre de Bruxelles) (1983- ).

### LIST OF PUBLICATIONS :

- D. CHRISTOPHE, C. GERARD, C. HANSEN, C. CHRISTOPHE-HOBERTUS, G. JUVENAL, F. LIBERT, P. ROGER, J.E. DUMONT and G. VASSART  
Control of thyroglobulin gene expression  
in "Hormones and Cell Regulation", Nø 11, vol. 153, pp 205-213  
J.E. DUMONT and J. NUNEZ, eds  
Colloque INSERM / John Libbey Eurotext Ltd., 1987.
- D. CHRISTOPHE, C. GERARD, G. JUVENAL, A. BACOLLA, E. TEUGELS, C. LEDENT, C. CHRISTOPHE-HOBERTUS, J.E. DUMONT and G. VASSART  
Identification of a cAMP-responsive region in thyroglobulin gene promoter  
Mol. Cell. Endocrinol. (1989), 64, 5-18.
- C. CHRISTOPHE-HOBERTUS, A. DONDA, F. JAVAUX, G. VASSART and D. CHRISTOPHE  
Identification of a transcriptional enhancer upstream from the bovine thyroglobulin gene  
Mol. Cell. Endocrinol. (1992), 88, 31-37.
- B. PICHON, C. CHRISTOPHE-HOBERTUS, G. VASSART and D. CHRISTOPHE  
Unmethylated thyroglobulin promoter may be repressed by methylation of flanking DNA sequences  
Biochem. J. (1994), 298, 537-541.

- C. CHRISTOPHE-HOBERTUS, P. VAN RENTERGHEM, B. PICHON and D. CHRISTOPHE  
Expression of a transactivation-deficient form of thyroid transcription factor I decreases the activity of co-transfected thyroglobulin and thyroperoxidase promoters  
FEBS Letters (1996), 399, 140-142.
- C. CHRISTOPHE-HOBERTUS and D. CHRISTOPHE  
Two binding sites for thyroid transcription factor 1 (TTF-1) determine the activity of the bovine thyroglobulin gene upstream enhancer element  
Mol. Cell. Endocrinol. (1999), 149, 79-84.
- C. CHRISTOPHE-HOBERTUS, V. DUQUESNE, B. PICHON, P.P. ROGER and D. CHRISTOPHE  
Critical residues of the homeodomain involved in contacting DNA bases also specify the nuclear accumulation of thyroid transcription factor-1  
Eur. J. Biochem. (1999), 265, 491-497.
- D. CHRISTOPHE, C. CHRISTOPHE-HOBERTUS and B. PICHON  
Nuclear targeting of proteins: how many different signals?  
Cell. Signalling (2000), 12, 337-341.
- B. PICHON, D. MERCAN, V. POUILLON, C. CHRISTOPHE-HOBERTUS, D. CHRISTOPHE  
A method for the large-scale cloning of nuclear proteins and nuclear targeting sequences on a functional basis  
Analytical Biochemistry (2000), 284, 231-239
- C. CHRISTOPHE-HOBERTUS, C. SZPIRER, R. GUYON and D. CHRISTOPHE  
Identification of the gene encoding Brain Cell Membrane Protein 1 (BCMP1), a putative four-transmembrane protein distantly related to the Peripheral Myelin Protein 22/Epithelial Membrane Proteins and the Claudins  
BMC Genomics (2001), 2:3 (<http://www.biomedcentral.com/1471-2164/2/3>).
- C. CHRISTOPHE-HOBERTUS, F. KOOY, J. GECZ, M.J. ABRAMOWICZ, E. HOLINSKI-FEDER, C. SCHWARTZ and D. CHRISTOPHE  
TM4SF10 gene sequencing in XLMR patients identifies common polymorphisms but no disease-associated mutation  
BMC Medical Genetics 2004, 5:22 (<http://www.biomedcentral.com/1471-2350/5/22>)
- C. CHRISTOPHE-HOBERTUS and D. CHRISTOPHE  
Human Thyroid Oxidases genes promoter activity in thyrocytes does not appear to be functionally dependent on Thyroid Transcription Factor-1 or Pax8  
Mol. Cell. Endocrinol. (2007), 264, 157-163.

## COMMUNICATIONS:

- G. JUVENAL, C. GERARD, D. CHRISTOPHE, A. BACOLLA, C. CHRISTOPHE-HOBERTUS and G. VASSART  
Functional identification of the sequences through which TSH (or cAMP) controls the expression of the thyroglobulin gene  
Ann. Endocrinol. (1986), 47, 77.
- C. CHRISTOPHE-HOBERTUS, A. DONDA, F. JAVAUX and D. CHRISTOPHE  
Identification of a thyroid-specific enhancer upstream from the bovine thyroglobulin gene  
Ann. Endocrinol. (1991), 52, 29.
- B. PICHON, C. CHRISTOPHE-HOBERTUS, G. VASSART and D. CHRISTOPHE  
A possible role for DNA methylation in the tissue-specific control of thyroglobulin gene expression  
J. Endocrinol. Invest. (1993), 16, 15.
- D. CHRISTOPHE, B. PICHON, C. CHRISTOPHE-HOBERTUS and G. VASSART  
Methylation of flanking DNA sequences may repress the activity of the CG-deficient thyroglobulin promoter  
Jacques MONOD Conference on Gene Expression During Cellular Differentiation

- Aussois (FRANCE), Sept. 26 - Oct. 1, 1993.
- P. VAN RENTERGHEM, S. DREMIER, V. BERG, B. PICHON, C. CHRISTOPHE-HOBERTUS, G. VASSART and D. CHRISTOPHE  
Thyroid Transcription Factor-1 and thyroglobulin gene expression in primary cultured thyrocytes  
Biotechnology meeting on "Gene Expression", HERAKLION (CRETE, GREECE) 15-19 April 1994; proceedings (eds. G. HOULAKI & A. VASSAROTTI) p. 83-84.
- B. PICHON, C. CHRISTOPHE-HOBERTUS, P. VAN RENTERGHEM, V. DUQUESNE, S. DREMIER, V. BERG, G. VASSART and D. CHRISTOPHE  
Thyroid Transcription Factor 1 and Thyroglobulin gene expression  
European Union Biotechnology Workshop on Gene Expression, S. Raffaele International Biomedical Science Park, MILAN (ITALIE), April 11-14, 1996; abstracts pp. 75-76.
- C. CHRISTOPHE-HOBERTUS, V. DUQUESNE, B. PICHON and D. CHRISTOPHE  
Transactivation and nuclear localization properties of TTF-1  
J. Endocrinol. Invest. (1996), 19 (Suppl. to n°6), 30.
- D. CHRISTOPHE, B. PICHON, D. MERCAN, V. POUILLON and C. CHRISTOPHE-HOBERTUS  
Cloning of DNA sequences encoding proteins targeted to the nucleus in transiently transfected cells  
10th International Workshop: Beyond the Identification of Transcribed Sequences (BITS 2000), DKFZ Heidelberg (Germany), 28-31/10/2K, abstract p.14
- C. CHRISTOPHE-HOBERTUS and D. CHRISTOPHE  
Cloning and characterization of the cDNA encoding Brain Cell Membrane Protein 1 (BCMP1) identifies a novel subclass of four transmembrane proteins  
10th International Workshop: Beyond the Identification of Transcribed Sequences (BITS 2000), DKFZ Heidelberg (Germany), 28-31/10/2K, abstract p.15
- D. CHRISTOPHE, C. CHRISTOPHE-HOBERTUS and B. PICHON  
Identification of novel genes expressed in the thyroid  
J. Endocrinol. Invest. (2001), 24 (Suppl. to No. 6), 56.
- C. HATZIVASSILIADIS, C. CHRISTOPHE-HOBERTUS, D. CHRISTOPHE and H. ALEXANDRE  
Expression of tmem47 gene during mouse embryogenesis  
Biochemical bulletin N°8, May 2005 ( Belgian Society of Biochemistry and Molecular Biology)
- D. CHRISTOPHE and C. CHRISTOPHE-HOBERTUS  
The cloned promoter sequences of Thyroid Oxidase genes do not respond to TTF-1 or Pax 8  
31<sup>st</sup> Annual Meeting of the European Thyroid Association, Naples, Italy, September 2-6, 2006: abstract book, p. 157