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- **1975-1977 : Research Fellow of the Belgian IRSIA**

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- **1988-1989 : Senior Research Assistant of the Belgian FNRS**

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LIST OF PUBLICATIONS:

- J.-P. GALLEMAERS, D. CHRISTOPHE and R. PROMEL
Synthesis and conversion of 5-amino-4-pyrimidinecarboxylic acids
into 4-hydroxypyrimidines via their diazonium salts
Tetrahedron Letters (1976), 9, 693-694.
- D. CHRISTOPHE, R. PROMEL and (in part) M. MAECK
Trapping of a 4,5-didehydropyrimidine with furan
Tetrahedron Letters (1978), 45, 4435-4438
- D. CHRISTOPHE, H. BROCCAS, F. GANNON, G. de MARTYNOFF, E. PAYS
and G. VASSART
Molecular cloning of bovine thyroglobulin complementary DNA;
Characterization of 2500-base-pair and 1900-base-pair fragments
Eur. J. Biochem. (1980), 111, 419-423
- H. BROCCAS, D. CHRISTOPHE, B. VAN HEUVERSWIJN, N. SCHERBERG
and G. VASSART
Molecular cloning of PstI fragments from rat double stranded
thyroglobulin complementary DNA
Biochim. Biophys. Res. Commun. (1980), 96, 1785-1792
- H. BROCCAS, D. CHRISTOPHE, V. POHL and G. VASSART
Cloning of human thyroglobulin complementary DNA
FEBS Letters (1982), 137, 189-192.
- D. CHRISTOPHE, H. BROCCAS and G. VASSART
Improved synthesis of DBM paper
Anal. Biochem. (1982), 120, 259-261.
- D. CHRISTOPHE, L. MERCKEN, H. BROCCAS, V. POHL and G. VASSART
Molecular cloning of the 8,000-base thyroglobulin structural
gene
Eur. J. Biochem. (1982), 122, 461-469.
- D. CHRISTOPHE, V. POHL, B. VAN HEUVERSWIJN, G. de MARTYNOFF,
H. BROCCAS, J.E. DUMONT, J.L. PASTEELS and G. VASSART.
Isolation and characterization of a fragment of rat thyroglobulin
gene
Biochem. Biophys. Res. Commun. (1982), 105, 1166-1175.
- G. VASSART, H. BROCCAS, D. CHRISTOPHE, G. de MARTYNOFF, A. LERICHE,
L. MERCKEN, V. POHL et B. VAN HEUVERSWIJN
Structure et expression du gène de la thyroglobuline
Ann. Endocrinol. (1982), 43, 404-414.
- A. LERICHE, D. CHRISTOPHE, H. BROCCAS and G. VASSART
Molecular cloning of complementary DNA: preparation of a plasmid
vector with low transformation background
Anal. Biochem. (1983), 129, 249-252.
- G. VASSART, H. BROCCAS, D. CHRISTOPHE, G. de MARTYNOFF, L. MERCKEN,
V. POHL and B. VAN HEUVERSWIJN
Structure and expression of the thyroglobulin gene
in "Hormones and Cell Regulation", vol. 7 , pp 335-346
J.E. DUMONT, J. NUNEZ and R.M. DENTON, eds
Elsevier Biomedical Press, 1983.

- H.M. TARGOVNIK, V. POHL, D. CHRISTOPHE, B. CABRER, H. BROCAS,
and G. VASSART
Structural organization of the 5' region of the human thyroglobulin gene
Eur. J. Biochem. (1984), 141, 271-277.
- G. VASSART, H. BROCAS, B. CABRER, D. CHRISTOPHE, G. de MARTYNOFF,
A. LERICHE, L. MERCKEN, J. PARMA, V. POHL, H. TARGOVNIK
and B. VAN HEUVERZWIJN
Structure and expression of the thyroglobulin gene
in "Thyroglobulin - The Prothyroid Hormone" (Progress in Endocrine Research
and Therapy, vol. 2), edited by M.C. EGGO and G.N. BURROW, Raven Press,
New York, 1985, pp 55-68.
- G. VASSART, A. BACOLLA, H. BROCAS, D. CHRISTOPHE, G. de MARTYNOFF,
C. GERARD, C. HANSEN, G. JUVENAL, L. MERCKEN, J. PARMA, P. ROGER and
B. VAN HEUVERZWIJN
The thyroglobulin gene : structure and control of expression
in "Thyroid cancer", edited by C. JAFFIOL and G. MILHAUD, Elsevier Science
Publishers B.V. (Biomedical Division), 1985, pp 47-51.
- G. VASSART, A. BACOLLA, H. BROCAS, D. CHRISTOPHE, G. de MARTYNOFF,
A. LERICHE, L. MERCKEN, J. PARMA, V. POHL, H. TARGOVNIK and
B. VAN HEUVERZWIJN
Structure, expression and regulation of the thyroglobulin gene
Mol. Cell. Endocrinol. (1985), 40, 89-97.
- D. CHRISTOPHE, B. CABRER, A. BACOLLA, H. TARGOVNIK, V. POHL and
G. VASSART
An unusually long poly(purine)-poly(pyrimidine) sequence is located upstream
from the human thyroglobulin gene
Nucl. Acids Res. (1985), 13, 5127-5144.
- F. LIBERT, G. VASSART and D. CHRISTOPHE
Methylation and expression of the human thyroglobulin gene
Biochem. Biophys. Res. Commun. (1986), 134, 1109-1113.
- G. VASSART, H. BROCAS, D. CHRISTOPHE, G. de MARTYNOFF, C. GERARD,
C. HANSEN, G. JUVENAL, M. LUDGATE, L. MERCKEN, J. PARMA, V. POHL,
M. RICKETTS, P. ROGER and B. VAN HEUVERSWYN
Normal and defective expression of the thyroglobulin gene
Hormone Res. (1987), 26, 8-11.
- G. VASSART, M. GEORGES, R. MONSIEUR, H. BROCAS, A.-S. LEQUARRE
and D. CHRISTOPHE
A sequence in M13 phage detects hypervariable minisatellites in human and
animal DNA
Science (1987), 235, 683-684.
- C. HANSEN, F. LIBERT, G. VASSART and D. CHRISTOPHE
Preparation of single-stranded deoxyribonucleic acid probes using an
immobilized template
Anal. Biochem. (1987), 162, 130-136.
- 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.

- J. PARMA, D. CHRISTOPHE, V. POHL and G. VASSART
Structural organization of the 5' region of the thyroglobulin gene :
evidence for intron loss and "exonization" during evolution
J. Mol. Biol. (1987), 196, 769-779.
- H. BROCCAS, M. GEORGES, D. CHRISTOPHE, R. MONSIEUR, A.S. LEQUARRE
et G. VASSART
Une famille de minisatellites hypervariables détectée au moyen d'une
séquence dérivée du phage M13
C. R. Acad. Sc. Paris (1987), 304, 67-69.
- M. TIELEMANS, D. CHRISTOPHE and R. PROMEL
Synthesis of 1- and 3-Amino-5-t-butyl-1H- and -3H-v-triazolo[4,5-d]pyrimi-
dines as Hetaryne Precursors
J. Heterocyclic Chem. (1987), 24, 705-708.
- C.M. GERARD, A. LEFORT, F. LIBERT, D. CHRISTOPHE, J.E. DUMONT and
G. VASSART
Transcriptional regulation of the thyroperoxydase gene by thyrotropin and
forskolin
Mol. Cell. Endocrinol. (1988), 60, 239-242.
- C. HANSEN, C. GERARD, G. VASSART, P. STORDEUR and D. CHRISTOPHE
Thyroid-specific and cAMP-dependent hypersensitive regions in thyroglobulin
gene chromatin
Eur. J. Biochem. (1988), 178, 387-393.
- 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. HANSEN, F. JAVAUX, G. JUVENAL, G. VASSART and D. CHRISTOPHE
cAMP-dependent binding of a trans-acting factor to the thyroglobulin
promoter
Biochem. Biophys. Res. Commun. (1989), 160, 722-731.
- C.M. GERARD, A. LEFORT, D. CHRISTOPHE, F. LIBERT, J. VAN SANDE,
J.E. DUMONT and G. VASSART
Control of thyroperoxidase and thyroglobulin transcription by cAMP: evidence
for distinct regulatory mechanisms
Mol. Endo. (1989), 3, 2110-2118.
- M.J. ABRAMOWICZ, G. VASSART and D. CHRISTOPHE
Thyroid peroxidase gene promoter confers TSH responsiveness to heterologous
reporter genes in transfection experiments
Biochem. Biophys. Res. Commun. (1990), 166, 1257-1264.
- V. POHL, P.P. ROGER, D. CHRISTOPHE, G. PATTYN, G. VASSART and
J.E. DUMONT
Differentiation expression during proliferative activity induced through
different pathways: in situ hybridization study of thyroglobulin gene
expression in thyroid epithelial cells
J. Cell Biol. (1990), 111, 663-672.
- D. CHRISTOPHE and G. VASSART
The thyroglobulin gene : evolutionary and regulatory issues
Trends Endocrinol. Metab. (1990), 1, 351-356.
- F. JAVAUX, A. DONDA, G. VASSART and D. CHRISTOPHE
Cloning and sequence analysis of TFE, a helix-loop-helix transcription
factor able to recognize the thyroglobulin gene promoter in vitro
Nucl. Acids Res. (1991), 19, 1121-1127.

- A. DONDA, G. VASSART and D. CHRISTOPHE
Isolation and characterization of the canine thyroglobulin gene promoter region
Biochim. Biophys. Acta (1991), 1090, 235-237.
- F. JAVAUX, F. BERTAUX, A. DONDA, H. FRANCIS-LANG, G. VASSART, R. Di LAURO and D. CHRISTOPHE
Functional role of TTF-1 binding sites in bovine thyroglobulin promoter
FEBS Letters (1992), 300, 222-226.
- M. ABRAMOWICZ, G. VASSART and D. CHRISTOPHE
Functional study of the human thyroid peroxidase gene promoter
Eur. J. Biochem. (1992), 203, 467-473.
- 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.
- H. TARGOVNIK, C. PAZ, D. CORACH and D. CHRISTOPHE
The 5' region of the human thyroglobulin gene contains members of the Alu family
Thyroid (1992), 2, 321-324.
- A. DONDA, F. JAVAUX, P. VAN RENTERGHEM, C. GERVY-DECOSTER, G. VASSART and D. CHRISTOPHE
Human, bovine, canine and rat thyroglobulin promoter sequences display species-specific differences in an in vitro study
Mol. Cell. Endocrinol. (1993), 90, R23-R26.
- 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.
- D. CHRISTOPHE and B. PICHON
DNA methylation and gene activity: towards the end of the debate?
Mol. Cell. Endocrinol. (1994), 100, 155-158.
- P. VAN RENTERGHEM, S. DREMIER, G. VASSART and D. CHRISTOPHE
Study of TTF-1 gene expression in dog thyrocytes in primary culture
Mol. Cell. Endocrinol. (1995), 112, 83-93.
- V. BERG, G. VASSART and D. CHRISTOPHE
Identification of a thyroid-specific and cAMP-responsive enhancer in the upstream sequences of the human thyroglobulin promoter
Biochim. Biophys. Acta (1996), 1307, 35-38.
- P. VAN RENTERGHEM, G. VASSART and D. CHRISTOPHE
Pax 8 expression in primary cultured dog thyrocyte is increased by cyclic AMP
Biochim. Biophys. Acta (1996), 1307, 97-103.
- B. PICHON, C. JIMENEZ-CERVANTES, I. PIRSON, C. MAENHAUT and D. CHRISTOPHE
Induction of Nerve Growth Factor-Induced Gene-B (NGFI-B) as an early event in the cyclic adenosine monophosphate response of dog thyrocytes in primary culture
Endocrinology (1996), 137, 4691-4698.

- 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.
- V. BERG, G. VASSART and D. CHRISTOPHE
A zinc-dependent DNA-binding activity co-operates with cAMP-responsive-element-binding protein to activate the human thyroglobulin enhancer
Biochem. J. (1997), 323, 349-357.
- H. EL HOUSNI, A. RADULESCU, R. LECOCQ, J.E. DUMONT and D. CHRISTOPHE
Cloning and sequence analysis of human calcyphosine complementary DNA
Biochim. Biophys. Acta (1997), 1352, 249-252.
- N. UYTTERSROT, A. ALLGEIER, M. BAPTIST, D. CHRISTOPHE, F. COPPEE, K. COULONVAL, S. DELEU, F. DEPOORTERE, S. DREMIER, F. LAMY, C. LEDENT, C. MAENHAUT, F. MIOT, V. PANNEELS, J. PARMA, M. PARMENTIER, I. PIRSON, V. POHL, P. ROGER, V. SAVONET, M. TATON, M. TONACCHERA, J. VAN SANDE, F. WILKIN, G. VASSART, J.E. DUMONT
The cAMP in thyroid: from the TSH receptor to mitogenesis and tumorigenesis in: Signal transduction in health and disease, Advances in Second Messenger and Phosphoprotein Research, vol.31, eds. J. CORBIN & S. FRANCIS, Lippincott-Raven Publishers, Philadelphia, 1997, pp.125-140.
- P.P. ROGER, D. CHRISTOPHE, J.E. DUMONT and I. PIRSON
The dog thyroid primary culture system: a model of the regulation of function, growth and differentiation expression by cAMP and other well-defined cascades
Eur. J. Endocrinol. (1997), 137, 579-598.
- H. EL HOUSNI, R. LECOCQ and D. CHRISTOPHE
Production of dog calcyphosine in bacteria and lack of phosphorylation by the catalytic subunit of protein kinase A in vitro
Mol. Cell. Endocrinol. (1997), 135, 93-97.
- V. POUILLON, B. PICHON, A. DONDA and D. CHRISTOPHE
TTF-2 does not appear to be a key mediator of the effect of cAMP on thyroglobulin gene transcription in primary cultured dog thyrocytes
Biochem. Biophys. Res. Commun. (1998), 242, 327-331.
- B. PICHON and D. CHRISTOPHE
An in vitro transcription system for the study of thyroid-specific transcription
Anal. Biochem. (1998), 261, 233-235.
- H. EL HOUSNI, I. VANDENBROERE, D. PEREZ-MORGA, D. CHRISTOPHE and I. PIRSON
A rare case of false positive in a yeast two-hybrid screening: the selection of rearranged bait constructs that produce a functional Gal4 activity
Anal. Biochem. (1998), 262, 94-96.
- 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.
- B. PICHON, G. VASSART and D. CHRISTOPHE
A canonical nerve growth factor-induced gene-B response element appears not to be involved in the cyclic adenosine monophosphate-dependent expression of differentiation in thyrocytes
Mol. Cell. Endocrinol. (1999), 154, 21-27.

- 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 and D. CHRISTOPHE
A method for the large-scale cloning of nuclear proteins and nuclear targeting sequences on a functional basis
Anal. Biochem. (2000), 284, 231-239.
- C. MEREZAK, C. PIERREUX, E. ADAM, F. LEMAIGRE, G.G. ROUSSEAU, C. CALOMME, C. VAN LINT, D. CHRISTOPHE, P. KERKHOFS, A. BURNY, R. KETTMANN and L. WILLEMS
Suboptimal enhancer sequences are required for efficient Bovine Leukemia Virus propagation in vivo: implications for viral latency
J. Virol. (2001), 75, 6977-6988.
- 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>).
- D. CHRISTOPHE
Contrôle de l'expression génique dans la thyroïde. Rôle des facteurs de transcription thyroïde-spécifique.
Dans "La thyroïde, des concepts à la pratique clinique", 2ème édition, eds. J. LECLERE, J. ORGIAZZI, B. ROUSSET, J.L. SCHLIENGER, J.L. WEMEAU
Editions scientifiques et médicales Elsevier SAS, 2001, pp. 103-109.
- D. CHRISTOPHE, C. CHRISTOPHE-HOBERTUS and B. PICHON
Gene expression in the thyroid: a search for novel molecules.
In "Recent Research Developments in Endocrinology", vol. 2, part I, ed. S.G. PANDALAI
Transworld Research Network, Trivandrum (India), 2001, pp. 277-293.
- B. PICHON, V. TAELEMAN, S. KRICHA, D. CHRISTOPHE and E. BELLEFROID
XHRT-1, a hairy and Enhancer of split related gene with expression in floor plate and hypochord during early *Xenopus* embryogenesis
Dev. Genes Evol. (2002), 212, 491-495.
- R. VAN WAYENBERGH, V. TAELEMAN, B. PICHON, A. FISCHER, S. KRICHA, M. GESSLER, D. CHRISTOPHE and E.J. BELLEFROID
Identification of BOIP, a novel cDNA highly expressed during spermatogenesis that encodes a protein interacting with the Orange domain of the hairy-related transcription factor HRT1/Hey1 in *xenopus* and mouse
Dev. Dyn. (2003), 228, 716-725.
- J. PACHUCKI, D. WANG, D. CHRISTOPHE and F. MIOT
Structural and functional characterization of the two human ThOX/Duox genes and their 5'-flanking regions
Mol. Cell. Endocrinol. (2004), 214, 53-62.
- D. CHRISTOPHE
The control of thyroid-specific gene expression: what exactly have we learned as yet?
Mol. Cell Endocrinol. (2004), 223, 1-4.

- L. MEEUS, B. GILBERT, C. RYDLEWSKI, J. PARMA, A. LIENHARDT ROUSSIE, M. ABRAMOWICZ, C. VILAIN, D. CHRISTOPHE, S. COSTAGLIOLA and G. VASSART
Characterization of a novel loss of function mutation of PAX8 in a familial case of congenital hypothyroidism with in-place, normal-sized thyroid
J. Clin. Endocr. Metab. (2004), 89, 4285-4291.
- 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>)
- B. PICHON, V. TAEMLAN, E.J. BELLEFROID and D. CHRISTOPHE
Transcriptional repression by the bHLH-Orange factor XHRT1 does not involve the C-terminal YRPW motif
BBA-Gene Struct. Expr. (2004), 1680, 46-52.
- V. TAEMLAN, R. VAN WAYENBERGH, M. SOLTER, B. PICHON, T. PIELER, D. CHRISTOPHE and E.J. BELLEFROID
Sequences downstream of the bHLH domain of the *Xenopus* hairy-related transcription factor-1 act as an extended dimerization domain that contributes to the selection of the partners
Dev. Biol. (2004), 276: 47-63.
- J.E. DUMONT, C. MAENHAUT, D. CHRISTOPHE, G. VASSART and P.P. ROGER
The phylogeny, ontogeny, anatomy and regulation of the iodine metabolizing thyroid
Thyroid Disease Manager, Chapter 1 (2005).
<http://www.thyroidmanager.org/Chapter1/1-frame.htm>
- J.E. DUMONT, C. MAENHAUT, D. CHRISTOPHE, G. VASSART and P.P. ROGER
Thyroid regulatory factors
In: *Endocrinology*, eds.: L.J. DE GROOT and J.L. JAMESON, 5th edition (2006)
Vol. 2, Chapter 94 (pp. 1837-1860) - Elsevier, Philadelphia, PA, U.S.A.
ISBN 0-7216-0376-9
- 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.
- C. CHRISTOPHE-HOBERTUS and D. CHRISTOPHE
Identification of a short basic peptide motif able to drive copy-number dependent nuclear accumulation of a linked protein
Protein Peptide Lett. (2008), 15, 397-401.
- C. CHRISTOPHE-HOBERTUS and D. CHRISTOPHE
Delimitation and functional characterization of the bidirectional THOX-DUOXA promoter regions in thyrocytes
Mol. Cell. Endocrinol. (2010), 317, 161-167.

LIST OF COMMUNICATIONS:

- D. CHRISTOPHE and R. PROMEL
Further study of the conversion of 5-aminopyrimidines into 4-hydroxypyrimidines via their diazonium salts
Sixième Congrès International de Chimie Hétérocyclique
Téhéran, juillet 1977 (résumé des communications p. 37).
- G. VASSART, H. BROCAS, D. CHRISTOPHE, G. de MARTYNOFF, F. GANNON, B. VAN HEUVERSWIJN and J. DE VIJLDER
Normal and defective expression of the thyroglobulin gene
Arch. Internat. Physiol. Biochimie (1980), 88, B161
- D. CHRISTOPHE, L. MERCKEN, H. BROCAS and G. VASSART
Molecular cloning of bovine thyroglobulin cDNA
Arch. Internat. Physiol. Biochimie (1981), 89, B92-B93.
- D. CHRISTOPHE, B. VAN HEUVERSWIJN and V. POHL
Thyroglobulin gene : isolation and characterization of a 14,000 base pair (14 Kb) fragment from a rat genomic DNA library
Ann. Endocrinol. (1981), 42, 22A.
- G. VASSART, D. CHRISTOPHE, L. MERCKEN and H. BROCAS
Molecular cloning of the 8,000 base sequence of bovine thyroglobulin (Tg) structural gene
Ann. Endocrinol. (1981), 42, 12A.
- V. POHL, G. PATTIJN, H. BROCAS, D. CHRISTOPHE, G. VASSART et J.L. PASTEELS
Caractérisation par microscopie électronique d'un fragment du gène de thyroglobuline de rat
Biology of the Cell (1981), 42, 15A.
- A. LERICHE, D. CHRISTOPHE, H. BROCAS and G. VASSART
Preparation of low-background plasmid vectors for molecular cloning of complementary DNA
Arch. Internat. Physiol. Biochim. (1982), 90, B46.
- L. MERCKEN, D. CHRISTOPHE and G. VASSART
Partial sequencing of bovine thyroglobulin structural gene
Ann. Endocrinol. (1982), 43, 31A.
- L. MERCKEN, D. CHRISTOPHE, H. BROCAS, S. SWILLENS, M.-J. SIMONS and G. VASSART
The 5'-end of bovine thyroglobulin mRNA encodes a hormonogenic peptide
Arch. Internat. Physiol. Biochim. (1982), 90, B203-B204.
- L. MERCKEN, M.-J. SIMONS, S. SWILLENS and D. CHRISTOPHE
Partial sequencing of bovine thyroglobulin mRNA
Ann. Endocrinol. (1983), 44, 26A.
- V. POHL, H. TARGOVNIK, D. CHRISTOPHE, H. BROCAS, B. CABRER and G. VASSART
Analysis of the 5' region of the human thyroglobulin gene
Ann. Endocrinol. (1983), 44, 31A.
- L. MERCKEN, M.-J. SIMONS, S. SWILLENS, D. CHRISTOPHE and G. VASSART
Partial sequencing of bovine thyroglobulin mRNA
15th FEBS meeting, Bruxelles, july 1983 (abstract p. 105).

- H. TARGOVNIK, V. POHL, D. CHRISTOPHE, H. BROCCAS, B. CABRER and G. VASSART
Structure of the 5' region of the human thyroglobulin gene
15th FEBS meeting, Bruxelles, july 1983 (abstract p. 106).
- H. TARGOVNIK, D. CHRISTOPHE, V. POHL, H. BROCCAS, B. CABRER, A. HOUSSAY and G. VASSART
Analysis of the 5' region of the human thyroglobulin gene
VI Congreso Argentino de Endocrinologia y Metabolismo
Alta Gracia - Cordoba (Argentine), octubre 1983.
- D. CHRISTOPHE, B. CABRER, H. TARGOVNIK, V. POHL, J. PARMA and G. VASSART
The promoter region of the human thyroglobulin gene
6th Conference on Macromolecular Synthesis : Gene Expression
Hambourg, mai 1984.
- D. CHRISTOPHE, B. CABRER, H. TARGOVNIK, V. POHL and G. VASSART
Study of the promoter region of the human thyroglobulin gene
Ann. Endocrinol. (1984), 45, 9.
- J. PARMA, D. CHRISTOPHE, H. TARGOVNIK and V. POHL
Genomic organization of the 5' region of the human thyroglobulin gene
Ann. Endocrinol. (1984), 45, 62.
- J. PARMA, D. CHRISTOPHE, H. TARGOVNIK, V. POHL, B. CABRER, H. BROCCAS and G. VASSART
Fine structure of the 5' end of the human thyroglobulin gene
Arch. Internat. Physiol. Biochim. (1984), 92, B49-B50.
- A. BACOLLA, D. CHRISTOPHE, G. VASSART, G. JUVENAL, C.M. GERARD and G. de MARTYNOFF
Studio della regione promotrice del gene tiroglobulina
Terze giornate italiane della tiroide, ospedale mauriziano "Umberto I",
Torino, novembre 1985.
- D. CHRISTOPHE, C. HANSEN, F. LIBERT, A. BACOLLA, C. GERARD and G. VASSART
Study of the control of pro-thyroid hormone (thyroglobulin) gene expression in "Advances in gene technology : molecular biology of the endocrine system" (Proceedings of the 18th Miami Winter Symposium), ICSU short reports vol. 4, edited by D. PUETT, F. AHMAD, S. BLACK, D.M. LOPEZ, M.H. MELNER, W.A. SCOTT and W.J. WHELAN, ICSU Press, Cambridge (1986), pp 32-33.
- C. HANSEN, D. CHRISTOPHE and G. VASSART
An altered chromatin structure is associated with transcription of the bovine thyroglobulin gene
Arch. Internat. Physiol. Biochim. (1986), 94, B22.
- 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. HANSEN, F. LIBERT and D. CHRISTOPHE
Changes in chromatin structure and DNA methylation associated with the expression of the thyroglobulin gene
Ann. Endocrinol. (1986), 47, 36.
- C.M. GERARD, G. JUVENAL, A. BACOLLA, D. CHRISTOPHE and G. VASSART
Promoter sequences involved in the positive control of the expression of the thyroglobulin gene by TSH (cAMP)
Biol. Chem. Hoppe-Seyler (1986), vol. 367 Suppl., pp 120.

- J. E. DUMONT, D. CHRISTOPHE, P. ROGER, C. GERARD, G. JUVENAL
and G. VASSART
Cyclic nucleotides in thyroid regulation : control of thyroglobulin gene
expression by cyclic AMP
Japan Thyroid Association, Senda<, 17 mai 1986.
- G. VASSART, D. CHRISTOPHE, C. HANSEN, G. JUVENAL, C. GERARD
and P. ROGER
Control of thyroglobulin gene transcription by TSH and cAMP
9th International Conference on Calcium Regulating Hormones, Nice,
oct.25-nov.1 1986.
- D. CHRISTOPHE, C. HANSEN, C. GERARD, G. JUVENAL, J. PARMA,
C. LEDENT, E. TEUGELS and G. VASSART
Control of thyroglobulin gene expression: the role of promoter sequences
and their interaction with nuclear proteins
Ann. Endocrinol. (1987), 48, 111.
- D. CHRISTOPHE, C. HANSEN, C. GERARD, G. JUVENAL, P. ROGER
and G. VASSART
Control of thyroglobulin gene transcription by TSH and cAMP
Horm. Metabolic Res. Suppl. (1987), 17, 70-73.
- M. GEORGES, H. BROCAS, D. CHRISTOPHE, R. MONSIEUR, A.S. LEQUARRE
and G. VASSART
Establishment of DNA fingerprints in man and in animals using wild type M13
bacteriophage as a probe
Arch. Internat. Physiol. Biochim. (1987), 95, B78.
- D. CHRISTOPHE
H-form DNA and the hairpin-triplex model
Nature (1988), 333, 214.
- V. POHL, M.-J. SIMONS, G. PATTYN, D. CHRISTOPHE and P. ROGER
Thyroglobulin mRNA as a differentiation marker in individual dog thyrocytes
in primary culture : an in situ hybridization study
Ann. Endocrinol. (1988), 49, 247.
- F. JAVAUX, C. HANSEN, A. DONDA and D. CHRISTOPHE
Control of thyroglobulin gene expression: study of specific trans-acting
factors
Ann. Endocrinol. (1989), 50, 113.
- C. GERARD, A. LEFORT, M. ABRAMOWICZ, F. LIBERT and D. CHRISTOPHE
Transcriptional regulation of thyroglobulin and thyroperoxydase genes by
cAMP: evidence for distinct mechanisms
Ann. Endocrinol. (1989), 50, 164.
- F. JAVAUX, G. VASSART and D. CHRISTOPHE
Nucleotide sequence of a putative transcription factor recognizing the
thyroglobulin promoter
Nucleic Acids Res. (1990), 18, 1301.
- C.M. GERARD, A. LEFORT, D. CHRISTOPHE, F. LIBERT, J. VAN SANDE,
J.E. DUMONT and G. VASSART
Distinct transcriptional effects of cAMP on 2 thyroid specific genes :
thyroperoxidase and thyroglobulin
Horm. Metabolic Res. Suppl. (1990), 23, 38-43.
- M.J. ABRAMOWICZ, D. CHRISTOPHE and G. VASSART
Regulation of the TPO gene transcription
In: Thyroperoxidase and thyroid autoimmunity, Eds.: P. CARAYON and J. RUF
Colloque INSERM/John Libbey Eurotext Ltd. (1990), 207, 11-15.

- C. GERARD, D. CHRISTOPHE, T. COMPERE and G. VASSART
The poly(purine)-poly(pyrimidine) sequence in the 5' end of the thyroglobulin gene used as a probe identifies a DNA fingerprint in man
Nucl. Acids Res. (1990), 18, 4297.
- D. CHRISTOPHE, F. JAVAUX, A. DONDA, C. HANSEN and G. VASSART
Search for trans-activating factors involved in the control of thyroglobulin gene expression
2nd IMT Symposium: Structure and function of eukaryotic transcription factors, MARBURG (RFA), October 8-9, 1990; abstracts p. 61.
- F. JAVAUX, G. VASSART and D. CHRISTOPHE
Cloning of a putative transcription factor recognizing the thyroglobulin gene promoter
Arch. Internat. Physiol. Biochim. (1990), 98, B134.
- F. JAVAUX, F. BERTAUX, A. DONDA, H. FRANCIS-LANG, R. Di LAURO and D. CHRISTOPHE
A functional disparity between beef and rat thyroglobulin promoters may be related to differential use of a TTF I binding site
Ann. Endocrinol. (1991), 52, 23.
- 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.
- P. VAN RENTERGHEM, S. DREMIER and D. CHRISTOPHE
TTF-1 gene expression in resting or cyclic AMP stimulated primary dog thyrocyte cultures
J. Endocrinol. Invest. (1994), 17 Suppl. 1, 4.
- V. BERG, G. VASSART and D. CHRISTOPHE
A cAMP-inducible enhancer is located upstream from the thyroglobulin gene in man
J. Endocrinol. Invest. (1994), 17 Suppl. 1, 6.
- 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 No. 6), 30.

- B. PICHON, C. JIMENEZ-CERVANTES, I. PIRSON, C. MAENHAUT and D. CHRISTOPHE
The cAMP pathway markedly induces the NGFI-B expression in dog thyrocytes in primary culture
J. Endocrinol. Invest. (1996), 19 (Suppl. to No. 6), 49.
- B. PICHON and D. CHRISTOPHE
Investigation of a possible role for transcription factor NGFI-B in the control of gene expression by cAMP in dog thyrocytes
J. Endocrinol. Invest. (1998), 21 (Suppl. to No. 4), 86.
- D. CHRISTOPHE
Control of gene expression in the thyroid: the roles of cAMP and thyroid-specific transcription factors
MEDICINA(Buenos Aires)(1999), 59, 555.
- B. PICHON, S. KRICHA, D. CHRISTOPHE and E. BELLEFROID
Cloning and expression of a Hairy/E(spl)-related gene, Xbc8, in Xenopus embryos
ISDN 2000 meeting of the International Society of Developmental Neuroscience Heidelberg, Germany, July 28 to August 1, 2000 - Abstract Volume p. 55.
- 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
- V. TAELEMAN, B. PICHON, D. CHRISTOPHE et E. BELLEFROID
Xbc8, un nouveau facteur bHLH de type hairy/Enhancer of split régulé par notch et exprimé dans la région ventrale du tube neural
Réunion du Club Amphibien, Dourdan (France) 20-22 juin 2001 (résumés des communications, p. 20).
- 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.
- E.J. BELLEFROID, K. LAHAYE, V. TAELEMAN, B. PICHON, V. GAWANTKA, S. KRICHA, N. POLLET, C. NIEHRS and D. CHRISTOPHE
Characterization of two novel genes, XNAP and XBC8, that act downstream of Notch signaling.
Third German-Italian Xenopus Meeting, Pontignano (Siena, Italy), October 4-8, 2001 (abstract: session 3).
- H. RIVIR, B. PICHON, G. COLAU, D. CHRISTOPHE and H. ALEXANDRE
Selective expression of alternatively spliced isoforms of the murine p120ctn gene in the mouse oocytes and preimplantation embryos.
Belgian-Dutch Meeting on Cell Adhesion, Ghent (Belgium), November 9-10, 2001.
- V. TAELEMAN, B. PICHON, S. KRICHA, D. CHRISTOPHE and E. BELLEFROID
Expression and regulation of the hairy and enhancer of split related transcription factor xbc8 during xenopus embryogenesis.
Meeting of the Belgian Society of Biochemistry and Molecular Biology on "Controls of Gene Expression", Institute of Molecular Biology and Medicine (IBMM), Gosselies (Belgium), February 22, 2002.

- B. PICHON, V. TAELEMAN, G. DOUMONT, E. BELLEFROID and D. CHRISTOPHE
Cloning and characterization of bc8, a hairy and enhancer of split related transcription factor.
Meeting of the Belgian Society of Biochemistry and Molecular Biology on "Controls of gene expression", Institute of Molecular Biology and Medicine (IBMM), Gosselies (Belgium), February 22, 2002.
- R. VAN WAYENBERGH, D. CHRISTOPHE and B. PICHON
Identification of proteins interacting with xbc8 in the yeast two-hybrid system.
Meeting of the Belgian Society of Biochemistry and Molecular Biology on "Controls of gene expression", Institute of Molecular Biology and Medicine (IBMM), Gosselies (Belgium), February 22, 2002.
- E. BELLEFROID, B. PICHON, V. TAELEMAN, R. VAN WAYENBERGH and D. CHRISTOPHE
The Notch regulated XHRT1 gene encodes a transcriptional repressor that functions during midline cells' development in early Xenopus embryos
9th International Xenopus Conference, Cambridge (UK), 21-25 August 2002, abstracts'book p.17.
- J. PACHUCKI, D. CHRISTOPHE and F. MIOT
Characterization of two human THOX genes and their 5'-flanking regions
J. Endocrinol. Invest. (2002), 25 (Suppl. to N° 7), 103.
- R. VAN WAYENBERGH, V. TAELEMAN, B. PICHON, S. KRICHA, E. BELLEFROID and D. CHRISTOPHE
BOIP, a novel protein interacting with the Orange domain of HRT1
FEBS Special Meeting 2003 on Signal Transduction, Brussels, July 3-8, 2003;
<http://www.blackwellpublishing.com/~cgilib/ejbsrch.bin?mode=form&meeting=3>, abstract n° 735.
- C. HATZIVASSILIADIS, C. CHRISTOPHE-HOBERTUS, D. CHRISTOPHE and H. ALEXANDRE
Expression of TMEM47 gene during mouse embryogenesis
190th meeting of the Belgian Society of Biochemistry and Molecular Biology 27 mai 2005, UMH, Mons.
Biochemical bulletin N°8, mai 2005, p. 9.
http://www.biochemistry.be/190th/list_of_abstracts.htm
- D. CHRISTOPHE and C. CHRISTOPHE-HOBERTUS
The cloned promoter sequences of thyroid oxidase genes do not respond to TTF-1 or Pax8
31st Annual meeting of the European Thyroid Association, Naples (Italy), September 2-6, 2006;
Abstract book p. 157, poster 264.
- D. CHRISTOPHE and C. CHRISTOPHE-HOBERTUS
Delimitation and functional characterization of the bidirectional THOX-DUOXA promoter regions
34th Annual meeting of the European Thyroid Association, Lisbon (Portugal), September 5-9, 2009;
Acta Med.Port. (2009), 22 : 23-24.
- C. CHRISTOPHE-HOBERTUS, A. LEFORT, F. LIBERT and D. CHRISTOPHE
The production of a TTF-1 antagonist in PCCL3 cells induces a global cell dedifferentiation affecting the expression of THOX-DUOXA genes couples 1 and 2 oppositely, and strongly reduces cell proliferation
14th International Thyroid Congress, Paris (France), September 11-16, 2010;
Abstract CD, OC-039.