

## CURRICULUM VITAE

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### Current position

-professor  
-head of the thyroid intracellular signaling research

### Training, graduation and former activities

-Master in chemistry 1963  
-Training at I.R.S.A.C. (Institut de recherche scientifique en Afrique centrale) Congo, from 1964 to 1967, work on Trypanosomes)  
-Research at the I.R.I.B.H.N. since 1968  
-PhD in biochemistry in 1976

### Research interests

-Mechanism of action of TSH on thyroid cell (cAMP, PLC cascade and their effects)  
-Physiopathology of autonomous thyroid adenomas  
-Role of lipid rafts in thyroid cells  
-Mechanism of acrylamide carcinogenic effect

### PUBLICATIONS

1. DUMONT, J.E., VAN SANDE, J.  
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2. DUMONT, J.E., BERBEROF-VAN SANDE, J.  
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3. DUMONT, J.E., WILLEMS, C., VAN SANDE, J., NEVE, P.  
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4. BERBEROF-VAN SANDE, J., SCHELL-FREDERICK, E., DUMONT, J.E.  
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5. WILLEMS, D., BERBEROF-VAN SANDE, J., DUMONT, J.E.  
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6. BAUDUIN, H., TONDEUR, T., VAN SANDE, J., VINCENT, D.  
Secretion and protein metabolism in the rat pancreas in vitro.  
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7. VAN SANDE, J., DUMONT, J.E.  
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8. DUMONT, J.E., BOEYNAEMS, J.M., BROCAS, H., CANTRAINED, F.R.L., KETELBANT-BALASSE, P., NEVE, P., POCHET, R., RODESCH, F., SWILLENS, S., VAN SANDE, J., VASSART, G.  
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9. BOEYNAEMS, J.M., VAN SANDE, J., POCHET, R., DUMONT, J.E.  
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*Molecular and Cellular Endocrinology*, 1, 139-155, 1974.
10. DUPONT-MAIRESSE, N., VAN SANDE, J., ROORIJCK, J., FASTREZ-BOUTE, A., GALAND, P.  
Mechanism of estrogen action : independence of several response in the rat uterus from early increase in adenosine 3',5'-cyclic monophosphate.  
*J. of Steroid Biochem.*, 5, 173-178, 1974.
11. SCHELL-FREDERICK, E., VAN SANDE, J.  
Evidence that cAMP is not the chemical mediator of the metabolic changes accompanying phagocytosis.  
*J. of Reticulo Endothelial Society*, 15, 139-148, 1974.
12. LEROY, F., VAN SANDE, J., SHETGEN, G., BRASSEUR, D.  
Cyclic AMP and the triggering of the decidual reaction.  
*J. Reproduct. Fertil.*, 39, 207-211, 1974.
13. GRENIER, G., VAN SANDE, J., GLICK, D., DUMONT, J.E.  
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14. VAN SANDE, J., GRENIER, G., WILLEMS, C., DUMONT, J.E.  
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18. DEMEESTER-MIRKINE, N., VAN SANDE, J., CORVILAIN, J., DUMONT, J.E.  
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23. DECOSTER, C., VAN SANDE, J., DUMONT, J.E., MOCKEL, J.  
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27. VAN SANDE, J., ERNEUX, C., DUMONT, J.E.  
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