

CURRICULUM VITAE

Name : GREPPIN , Hubert, Romain
Date of birth : February 9, 1934 (Develier)
Place of origin : Develier (Jura Republic and Canton): Switzerland
 Burger of Develier
Citizenship : Swiss
Marital Status : Married

Address : Dept. of Botany and Plant Biology.
University of Geneva, Sciences 3 Building
30. Quai Ernest-Ansermet
CH-1211 Geneva 4

E-mail : hubert.greppin@bota.unige.ch
Fax : 0041 (0) 22. 379 30 17. Or 379 30 08
PHONE : 0041 (0) 22. 379 32 18
 +41 (0) 78 789 47 67 (private)

Info.site : <http://www.unige.ch/sciences/biologie/Plantosciences>
<http://www.unige.ch/LABPV>
<http://www.unige.ch/LABPV/perox.html>
<http://ecolu-info.unige.ch/recherche/nccrwp4/workingpapers>

Research : (Biochemistry, Plant Physiology, Environment)
 Biosphere-Society-Environment (NCCR, Climate, module
 WP4.Prof.A.Haurie) : **senior researcher since 2001..**

Educational qualifications

Schools : Coeuve, Porrentruy, La Tour-de-Trême, Saint-Gall.
1950 : I.P. instructor (gymnastics, athletics): Macolin.
1952 : Classic Maturity (Greek, Latin): Gymnasium of Porrentruy.
1953 : Federal Polytechnicum School of Zürich (ETH), Switzerland:
 Natural Sciences Section. Military Section (free lance).
1960 : Licence in Natural Sciences, Geneva University.
1965 : Doctorate in Natural Sciences (Ph.D.), Geneva University.
1966 : Equivalence for the doctoral degree in Biology: Geneva
 University.
1963-1971 : Scientific Studies and training courses at

Lausanne University (CH): Prof. P-E Pilet;
Euratom, Moll (Belgium): Dr. M.Stroun and Prof. F.Ledoux;
Woolwich Polytechnics, London (GB): Prof. P.Gahan;
Michigan State University at East-
Lansing: Prof. JAD. Zeevaart
(MSU-AEC), USA.
1960-63 Administrator then editor of two Newspapers:
"L'Action Etudiante" and "Uni-Cité".
1960-1964 Secretary of sciences students trade-union (MES); member of
the university students trade-union :ASU (executive
comittee); member of the general association of students
AGE (Executive Board :Press and Information Department),
Geneva University.

Appointments

1952-1960 College Teaching (St. Imier, Porrentruy, Geneva): Mathematics,
Chemistry, Natural Sciences, History, French.
1957-1959 Assistant of Professor R. Cortesi (Geneva and Bordeaux, France);
Pharmaceutical Cryptogamy, Phytopharmacy, Phytotechnology,
Plant Anatomy and Cytology.

1958-1960 Assistant of Professor F. Chodat :Director of the Botany
Institute (Geneva): General Botany, Histochemistry,
Plant Physiology, Microbiology.
1961 Assistant of Professor G. Turian (Geneva):Mycology and Algology.
1961-1964 Master Assistant in Plant Biology (full time research position).
1965-1967 Master of Research in Plant Physiology and Biochemistry (Geneva).
1965-1967 Lecturer in Ecophysiology.
1966-1967 Lecturer in Ecology.
1967-1971 Extraordinary Professor (Full Professor renewable every 3 years)
of Plant Physiology and Biochemistry.
1968-1970 Professor of Botany (Suppl. F. Chodat, director of the Botany Inst.).
1971-2000 Ordinary Professor (full Professor renewable every 7 years)
of Plant Physiology and Biochemistry.
2001 *Honorary Professor (University of Geneva) : Emeritus.*
1973 Invited Professor (University of Lausanne): Plant Physiology.
1974-1980 Associate Professor: University of Lausanne
(Plant Physiology).

Professional Activities

1971-1980 President of the Biological School (Depts of Molecular Biology,
Animal Biology, Plant Biology, Anthropology).
1976-1983 President of the Swiss Plant Biology Commission for the Ph.D.

	program (Advanced Studies in Western Switzerland): Universities Bern, Fribourg, Lausanne, Neuchâtel, Geneva.
1977-1980	Vice-Dean of the Faculty of Sciences (Geneva).
1980-1983	Dean of the Faculty of Sciences (Geneva) .
1980	Founder member of the Research Center for the Understanding and Teaching of Sciences(with Prof.G.Duparc and A.Giordan:director). http://tecfa.unige.ch/tecfa/research/humanities/Ides.html
1972-	<i>Founder Member with Prof. P.Moeschler,Dr G.Lambert, Prof.Cl.Raffestin and J.Vicari of the University Center of Human Ecology and Environmental Science. CUEH and CIEH..</i>
2000	Director of the CUEH.. http://ecolu-info.unige.ch/
1976-2000	Member of the Management Committee for the International Certificate of Human Ecology (Universities: Geneva, Paris V, Bordeaux I, Toulouse III, Aix-Marseille I and III, Pau and Pays de l'Adour, Padova, Evora, Nova Lisboa, Bruxelles ULB and VUB; WHO Europe).
1979-2000	President of the Botany Center (Dept. of Botany and Plant Biology associated with the Conservatory and Botanical Garden of the City of Geneva).Covenant: Geneva State and City with University.
1980-1996	Member of the Management Commission: University Center of Energy (CUEPE).
1983-2000	Director of the Department of Botany and Plant Biology (elected every 3 years): University of Geneva.
1988-1993	President of the Plant Biotechnology Center (Dept. of Plant Biology associated with the Horticultural Center of Lullier). Covenant: Geneva State with University.
1971-1973	President of the Geneva Botanical Society . <i>Elected Honorary Member : 2000.</i>
1984-1994	Elected member of the Swiss Federal Commission for Agronomical Research: President since 1990.
1989-1991-	<i>Initiation with professor G.Collet (University Lausanne and Federal Agronomical Station: Changins) of the module 6 (Plant Biotech- nology Research,):Be,Bs,Fr,Ge,La,Zu,Changins that is at the origin of the swiss annual plant cell and molecular biology conference.</i> Preparation and coordination of this scientific project in the Federal Commision of Agriculture.
1997-2001	Elected member of the Administrative Board of the "Société Franco- phone de Chronobiologie", and "Groupe d'Etudes des Rythmes Bio- logiques".
1984-2000	Member of the equal representation commission for the training of university administrative and technical staff.
1989-1994	Elected member of the Geneva State Commission for Energy.
1985-2006	<i>Elected member of the State Commission for the Horticultural Center of Lullier .</i>
2000	<i>Diploma of Honour for the contribution to Swiss horticulture.</i>
2002-2006	<i>Elected as representative of the General Direction : HES.SO GENEVA.</i> .http://www.hes-so.ch

2003-2006	<i>Elected member of the scientific strategic commission of research : HES-LULLIER (UNIVERSITY-GE--HES-LULLIER--HES- GENEVA-Ingineer School :Covenant between).Plant Production,Molecular Biology, Physiomatics and Informatics, Environment. President of the Commission :since 2004.</i>
1994-2000	Member of the Commission for Geographical Information System (Geneva State). http://www.sitg.ch
1990-2000	Member of the Council of the Human European Ecology Society.
1992-2000	Member of the CESNE (Commission : University of Geneva), Faculty of Sciences: Natural Sciences of the Environment (diploma).
1988-1994	Member of the Editorial Board of the Plant Physiology and Biochemistry Journal (Paris).
Since 1998-	<i>Member of Directors Committee of SEBES (Geneva): Energy Strategy, Biosphere and Society.</i>
1993 -2002	Co-Editor of The Peroxydase Newsletter (with Prof.Th.Gaspar (Liège)and Cl.Penel (Genève)).
Since 1984-	<i>Member of the Commission of the Alpine Station la Linnaea. http://societe.academique.unige.ch</i>
1987 -2000	Member of the Scientific Commission of the Pyrenean Station for Mountains Ecology: GABAS.
1997-2002	Member of the Council of the Lemman Observatory.
1997 -2002	Member of the strategic scientific council: IFR 61(ROUEN University).Physico-chemistry and biology of integrated systems. European Magister on integrated systems (Leicester,Compiègne, Genève,Rouen).
Since 1984-	<i>Elected member of the Jurassian Academy of Sciences, Letters and Arts.</i>
Since 1982-1994	<i>Elected Honorary Member of the Swiss Plant Physiology Society. Purkinje Medal: Experimental Plant Physiology Society, Praha (Cseck Rep.).</i>
1996	<i>Dr Honoris Causa of Marie Curie-Sklodowska University Lublin, Poland, (Biophysics).</i>
2002	<i>Medal of the International Plant Peroxidases Congress(Universities :Murcia, La Coruña)for the Research activities and the Promotion of Symposia since 1982(Geneva,Lublin,Elsinor,Moscow,Vienna,St Petersburg,Columbus,Murcia).</i>
2002 - 2003	President of the GRC Foundation:mathematical,physical methods applied to data analysis and forecasting in social sciences,finance, environmental sciences (Dr Din,Director). www.genevaresearch.org

Member during 35 years of numerous Administrative Commissions of the University(Geneva,Lausanne), the Faculty of Sciences and the Section of Biology.
Member of numerous national and international scientific societies.

Teaching Areas

Introduction to Biology.General Physiology.Evolution.Histochemistry.Plant Development. Biophysics, Cellular Physiology and Biochemistry, Plant Physiology, Ecophysiology, Ecology. Human Ecology.

Participation in the teaching of 15 different lectures for students in Medicine, Pharmacy, Natural Sciences, Biology, Social and Economical Sciences, etc...

Creation of 14 new lectures (talk, practical work, seminary)

Member of the SUPPREM Group : Universities Geneva,Bern,Basel,Lausanne,Lugano.

Virtual Campus for e-learning : concerning Biosphere-Society-Environment(2000 - 2005) : <http://ecolu-info.unige.ch/recherche/supprem/>

Participation since 1995 to the teaching program in Geomatics(Prof.C.Hussy,end :2006) and Firms Management and Environment(Prof.A.Haurie, end :2004): Geneva University. <http://ecolu-info.unige.ch/~haurie>

<http://geomatique-nt.unige.ch> (Hussy).

Publications, Research and Teaching Areas

Since 1956, more than 650 scientific publications in the following areas:

Biodynamics and NMR; Biochemistry and Physiology of Higher Plants; Communication and fast Regulation; Bioenergetics and Thermodynamics; Biorhythms and Chronobiology; Flowering process, Phytochrome, Photobiology. Environmental and Pollution Effects on Plants. Biochemistry and Molecular Biology of Peroxidases. Experimental Psychology ;Human Ecology, Anthropology. *Biosphere-Society-Environment.*

Member of the NCCR Climate Research Program(Bern): WP4(Prof.A.Haurie,J.P.Vial, B.Bürgeisenmeier,Geneva), 2000-2005 (<http://ecolu-info.unige.ch/~nccrwp4/>). Papers: /workingpapers.htm.

Edition of 20 scientific books (<http://www.unige.ch/LABPV/>).

Publications of the laboratory collaborators and associates :around 2'000 papers (1966-2000).

Diploma works in Plant Biology : 50.

Thesis, Plant Biology: 44.

Diploma works in Human Ecology: 80.

Grant outside Geneva University: CHF 7.10⁶

Co-organization of 14 International Meetings:

(Antwerpen,Besançon,Cartigny,**Columbus**,Créteil,**Elsinore**,Freiburg i.Br,**Geneva**,**Lublin**,**Moscow**,**(Murcia)**,**Vienna**,**St Petersburg** ;(**Fukuoka :2005**). **Peroxydases.**

Participation to numerous european and eastern countries researches programmes, as swiss national too.

3rd Western Switzerland Cycles: 9 practical works, 5 symposia, 6 Round Tables (Cytobiochemistry,Images Analysis and Modelling,Electronic Microscopy;Cell Cycle;Peroxidases Analysis;Chronobiology;Membranes Properties,Flowering Process, Communication,Molecular Physiology,Phytochrome,Integration Scales;Catastrophe and Automata Theory,Theoretical Biology;Co-Action between Living Systems and the

Planet.).

*Founder member with Prof.C.Hussy,A Haurie and J Vicari of the Diploma in Geomatics.
Founder of the Diploma of Plant Photobiology(with Prof.J De Greef,Antwerpen
University).*

*Founder with Dr R Degli Agosti of the Diploma in Plant Physiomatics,integrated with an
European Magister in Integrative Biology Systems (Universities:Rouen,Compiègne,
Leicester,Geneva): Prof.C.Ripoll and M.Thellier,Rouen University(Leading House).
Research and Teaching. <http://www.physiomatique.unige.ch/>*

*Initiator :creation of three scientific convents between the Geneva States and Geneva City
with The Geneva University : the result is the creation of three Centers without walls:
Botany with the Plant biology Department and the Botanical Garden;
Zoology with the Zoology Department and Natural Sciences Museum;
Anthropology with the Anthropology Department and Ethnography Museum.*

Participation to the Creation of the Diploma in Natural Sciences and Environment.

Private Office: 1, rue Beauregard ,CH 1204 GENEVE Phone :078 789 47 67

University Office (1211 GENEVE 4) : Sciences 3, room 1078 B, 30 quai Ernest-
Ansermet. 022 379 32 18

Home : 021 826 05 92 (ROLLE) ; 41,Grand Rue, 1287 ROLLE