university of groningen / library

Inventory archive Roelof Nicolaas van Lookeren Campagne

1	**Research materials**
1.1	General biochemistry: proteins and nucleic acids
1.2	Notes on the origin of life
1.3	Miscellaneous notes
1.4	RNA (pancreas)
1.5	Phosvitin
1.6	Individual liver cells
1.7	Nuclei
1.8	Chicken liver residue
1.9	Yeast RNA + Miscellaneous
1.10	Influence of O_2, pancreas ribonuclease, etc.
1.11	Methods of determination
1.12	Inhibitors
1.13	Strange DNA alkaline kinesin
1.14	Double-stranded RNA
1.15	Light intensity and wavelength
1.16	Photosynthesis and respiration
1.17	Anatomy of Vallisneria leaf and more
1.18	RNA preparation methods
1.19	Preparation ribonuclease in rat pancreas
1.20	Incubation and Warburg
1.21	Warburg tests in rat pancreas
1.22	Cell division
1.23	Chromatography, carbon measurements, ribonuclease (accompanied by correspondence 1968)
1.24	Incubation experiments
1.25	Instructions and results 'Rockituut' (amino acid chromatography, RNA extraction from thymus gland, among others)
1.26	Protocol 'Rockituut' (1963)
1.27	Research materials about the origin of life + article by Singer, *The origin and dynamical Evolution of the Moon* (1967)

2	**Lectures/student material**
2.1	Report by student A. v. Zanten
2.2	Reports on lab experiment, as well as description of the experiment's set-up (1978)
2.3	Lecture on the origin of life (1972-1975)
2.4	Worksheet biochemistry for second year students (accompanied by correspondence)
2.5	Influence of chemical products, optional module third year chemistry (1970)
2.6	Influence of chemical products (notes, several years)
2.7	22nd remedial workshop for chemistry teachers (+ lectures)
2.8	Syllabus biochemistry 1973
2.9	Syllabus biochemistry (undated)
2.10	Syllabus biochemistry 1977
2.11	Syllabus biochemistry (2nd year chemistry students)
2.12	Syllabus biochemistry 1977
2.13	Syllabus biochemistry 1970(?)

3	**Literature**

3.1 *Eogeobiochemie; Hoe onze vroegste voorouders zijn onstaan* (public lecture, 1970)
3.2 Articles *Intermediair* + correspondenc about articles (1972)
3.3 Leaflet *Origins of life*
3.4 Hans Kuhn, *Selbstorganisation molekularer Systeme und die Evolution des genetischen Apparats* (1972)
3.5 Manfred Eigen et al., *The Origin of Genetic Information*
3.6 Periodical *Die Naturwissenschaften* (1971) + notes
3.7 Thesis *Light-dependent chloride absorption in Vallisneria leaves* (1957) + a list of published works
3.8 *On the influence of carbon dioxide and bicarbonate on the photosynthesis in vallisneria spiralis* (1955)
3.9 *The action spectrum of the influence of light on chloride absorption in Vallisneria leaves* (1957)
3.10 *Net protein synthesis in rat pancreas in vitro* (1961)
3.11 *Amino acid and energy requirements of protein synthesis in rat pancreatic tissue in vitro* (1961)
3.12 *Regulation of protein synthesis* (1965)
3.13 Periodical *Natuur en Techniek* (1972)
3.14 'Universele wereld geschiedenis' (Universal world history) (1978), edition on molecular biology, biochemistry and evolution
3.15 *Molecular Evolution of Rodent Insulins* (1987)
3.16 Materials pertaining to dissertation (manuscript, propositions, photos, proofs)
3.17 J. van Eyk, *Investigations on the mode of action of kinetin* (dissertation 1963)
3.18 H. Veldstra, *Kijk op het leven*; J.D. Bernal and Ann Synge, *The origin of life*

4 Correspondence

4.1 Responses to van Lookeren Campagne's public lecture
4.2 Correspondence Leidse Biologen Club (1972)
4.3 Correspondence with the Dutch royal society (KNAW) about the project 'Exobiologie' (1975)
4.4 Correspondence biochemistry, several subtopics including PhD students, van Lookeren Campagne's professorship, correspondence with colleagues, about publications, etc.
4.5 Correspondence about 'Universele wereld geschiedenis 11 (1974-1979); including molecular biology and biochemistry, evolution, ethology, and article *Insect Survival and Selection for Pattern* by H.B.D. Kettlewell
4.6 Correspondence about 'Het ontstaan van het leven' ('the origin of life'), mainly with mr Paap. Also contains correspondence with 'Natuur en Techniek' (1971-1972)

5 Miscellaneous

5.1 Annual report 1958 ZWO, plus cards requesting a copy of van Lookeren Campagne's dissertation
5.2 Speech organic chemists 24-08-1975 (Schiermonnikoog)
5.3 Invitation to inaugural lecture C.J.P. Thijn (1974)