

De artikelen, waarvan hieronder samenvattingen volgen, zijn gepubliceerd in de Nederlandsche taal in „Verslag van de gewone vergadering der Afdeeling Natuurkunde van 27 November 1943, Deel LII, No. 9”.

The articles, of which summaries follow below, have been published in the Dutch language in „Verslag van de gewone vergadering der Afdeeling Natuurkunde” of November 27th, 1943, Vol. LII, No. 9.

Les articles dont les résumés suivent ci-dessus, ont été publiés en langue néerlandaise dans le „Verslag van de gewone vergadering der Afdeeling Natuurkunde” du 27 Novembre 1943, Tome LII, No. 9.

Chemistry. — KÖGL, F.: *Deuterium as an expedient for the investigation of cancer*, p. 546.

It is demonstrated by the aid of deuterium as an indicator in vivo that *l*- and *d*-glutamic acid are distinct building stones of tumour proteins. The *dl*-glutamic acid isolated from the hydrolysates of tumour proteins is therefore no artefact formed by racemisation in vitro.

Chimie. — KÖGL, F.: *Le deutérium comme expédient dans les recherches de cancer*, p. 546.

A l'aide de deutérium comme indicateur in vivo il est démontré que la forme *l* et la forme *d* de l'acide glutaminique sont des groupes différentes dans les protéines des tumeurs. Par conséquence la forme *dl* isolée par hydrolyse des tumeurs n'est pas formée artificiellement par racémisation in vitro.

Anatomy. — ARIËNS KAPPERS, C. U.: *The spreading of the cephalic index in Western Europe, especially in view of the relations in Holland*, p. 551.

A comparison of cranial and cephalic index curves from various parts of Holland largely confirms BOLK's results concerning the spread of the average length breadth index in our country. A further comparison with the surrounding countries and islands shows that the type prevailing in Holland also prevails in the Scandinavian countries, Iceland, the Faröer, England and Flanders. The people of East-Groningen, East-Drenthe, Twente and the Achterhoek, yield curves resembling the curve of the Falic people. This type is also represented in Limburg, in addition to the more brachycephalic so-called alpine type, predominating in Brabant and Zeeland. The high degree of brachycephaly (and hyperbrachycephaly) in some places (Urk, Wieringen, Volendam and Zeeland), may be partly