



## "НА КОКТЕЙЛ ОТ ЗНАНИЯ"

**JUSTUS JOHANNES TORKOS**  
AND HIS CONTRIBUTION TO THE  
DEVELOPMENT OF  
PHARMACEUTICAL AND MEDICAL SCIENCES

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**TORKOS JUSTUS JÁNOS**

\* 15th of December  
1699, Győr

† 7th of April  
1770, Pozsony


**Justus Joannes Torkos,  
Eques Pannonius, Medic. Doct. et  
Liberæ Regiæ Civitatís Pofoniensis  
Physicus ordinarius.**

main physician of the city, pharmacist,  
chemist and balneotherapist

**CURRICULUM VITAE**


**STUDIES**

- ◆ 1711 – 1714 Gymnasium Bistricense
- ◆ 1714 – 1715 Lykeion Poseniense
- ◆ 1718 – 1720 *Academia Molleriana* in Banská Bystrica
- ◆ 1720 – 1724 philosophy and medicine in Halle



**PRAXIS**

- ◆ 1724 military physician in the territory of Serbia
- ◆ Main doctor for the regions of Komárom and Esztergom
- ◆ 1731 -1770 town physician of Pressburg
- ◆ owner of the medicinal herb garden in Pressburg




**Pressburg in the 18<sup>th</sup> century**



- the capital city of Hungary
- coronation town
- seat of kings, archbishops, nobility and country offices

**CATEGORISATION OF THE WORK OF  
J.J. TORKOS**

- ◆ Pharmacy
- ◆ Medical geography
- ◆ Balneology
- ◆ Medicine




**PHARMACEUTICAL WORKS**

- 1745 *Taxa Pharmaceutica Poseniensis*
- 1856 *Bericht von Liquor Polychrestus*
- 1766 *Sal minerale alcalicum*

**Pricelist of medicines :**  
The opus was used as a Pharmacopeia in Hungary (1745 - 1799)  
It established the prices of the medicine

**Terminology:**

- Latin language
- Hungarian language
- German language
- Slovak language (1st time)





## "НА КОКТЕЙЛ ОТ ЗНАНИЯ"

**CATEGORISATION OF MATERIA MEDICA IN TAXA PHARMACEUTICA POSONIENSIS**

**I. DE NATIVIS, CRUDIS, SIMPLICIBUS**

a) Ex regno vegetabili  
b) Ex regno animali  
c) Ex regno minerali  
d) Marina

**II. DE ARTE PARATIS**

- Medicine is categorised here according to administration forms and alphabetically

ACEIA, AQUAE COMPOSITAE, AQUAE SIMPLICES, CINERES, CONFECTA SACHARATA, MELLA ET OXYMELLA, UNGUENTA etc.

Ex Regno Vegetabil.		A Polonak Nemébeli való füvek.	
1. Aroputa	-	1. Fű-őser Szabok.	-
2. Cortices	-	2. Fűök.	-
3. Flores	-	3. Fűgök.	-
4. Fructus	-	4. Gyémántok.	-
5. Fungi	-	5. Gombák.	-
6. Gummi, Gummi Resina, Balsama, Sacri Concreti	-	6. Gummók, Balsamok és egyéb készítmények.	-
7. Herba, Folia	-	7. Fűök.	-
8. Ligna	-	8. Fák.	-
9. Radices	-	9. Gyökérek.	-
10. Semina.	-	10. Magok.	-

Zwei Tom		Zwei Tom	
Ober-Erd-Bemühung-Reich.		Zwei Tomstoj i Postlin.	
1. Gerdicht.	•	1. Stomatit.	•
2. Eisen.	•	2. Fűök.	•
3. Eisen.	•	3. Fűök.	•
4. Eisen.	•	4. Eisen.	•
5. Eisen.	•	5. Eisen.	•
6. Eisen, Dörte, mit andere getrocknete Eisen.	•	6. Eisen, Eisen a gini Eisen Eisen.	•
7. Eisen.	•	7. Eisen.	•
8. Eisen.	•	8. Eisen.	•
9. Eisen.	•	9. Eisen.	•
10. Eisen.	•	10. Eisen.	•

Cineres.		Hamuk.	
1. Boforan	-	1. Boforan	-
2. Cineres, vel Poca vini Libri una	-	2. Cineres, vel Poca vini Libri una	-
3. Cineres	-	3. Cineres	-
4. Cineres	-	4. Cineres	-
5. Cineres	-	5. Cineres	-
6. Cineres	-	6. Cineres	-
7. Cineres	-	7. Cineres	-
8. Cineres	-	8. Cineres	-
9. Cineres	-	9. Cineres	-
10. Cineres	-	10. Cineres	-

Contains the instructions for:

- pharmacists
- feldshers
- midwives

**TAXA PHARMACEUTICA POSONIENSIS.**  
Cum Instructionibus Pharmacopoeorum, Chirurgorum & Ostensium

**INSTRUCTIONS FOR THE PHARMACISTS**

In this part of the TAXA the author:

- underlines the importance of the profession
- defines the limits of their profession
- describes the regulating process of the proper drug preparation
- constitutes a controlling mechanism for the activities of the pharmacies

**WORKS ON MEDICAL GEOGRAPHY**

- 1764 Bericht von der Königlichen des Königreichs Hungern Freistadt Pressburg Lage, Wassern und Luft

**DESCRIPTION OF PRESSBURG**

- based on the work of Hippocrates: *De aere aquis et locis*
- Reports about the geography of Pressburg, the quality of air and water and gives health advise regarding life style and diet.



## "НА КОКТЕЙЛ ОТ ЗНАНИЯ"

- Describes the healing properties of the Danube water
- Describes exact procedures how to use the Danube water for balneological therapy



### WORKS ON THE SUBJECT OF BALNEOLOGY

- 1745 Schediasma de thermis Pöstheniensibus
- 1746 Thermae Almasienses
- 1785 Balneum aquae dulcis, oder Bericht vom Nutzen und Gebrauch des Donaubaades



### THERMAE

- Pöstheniensis
- Almasienses
- Written only one year apart; very similar structure, chemical composition of the water – experiments
- Latin language: indicates a more scientific and more international recipients.




### MEDICAL TEXTS

- 1724 *Dissertatio inauguralis medica de febre petechiali*
- 1781 *Observationes anatomico-medicae de monstro bicorporeo*
- 1764 *Statuta Collegii medici*



### COLLEGIUM MEDICUM

First known attempt to establish a medical organisation in Pöstburg.



### OBSERVATIONES ANATOMICO-MEDICAE DE MONSTRO BICORPOREO VIRGINEO

### ANATOMICAL AND MEDICAL OBSERVATIONS ABOUT THE DOUBLE BODIED MONSTER

### Gófitz Ilona és Judit (1701 – 1723)







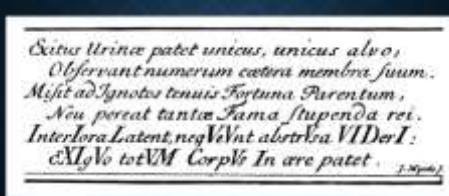
## "НА КОКТЕЙЛ ОТ ЗНАНИЯ"



**CURRICULUM VITAE**

- ❖ \* 21<sup>st</sup> October 1701 Szöny
- ❖ 1706 – European tour
- ❖ 1709 – Monastery of St. Ursula
- ❖ † 23<sup>rd</sup> of February 1723 Pressburg

*Corpora Binarum Sic Concrevere Sororum  
Non Nisi Divina Dissocianda Manu.  
Saxy Patria est, vicus Comorae conterminus Arcti,  
Quae nunquam Luna paravit Imperio.  
Amplexa est ulnis Helenam Lucina priorem,  
Horis deinde tribus Nata Juditha fuit.  
Exitus urinae patet unicus, unicus alvo,  
Observant Numerum Cetera Membra suum.  
Mist ad Ignotos tenuis Fortuna Parentum,  
Nou pereat tanta fama stupenda rei;  
Interiora latent, Nequeunt abstrusa videri,  
Esiguo Totum Corpus in aere patet.*



*Exitus Urinae patet unicus, unicus alvo,  
Observant numerum cetera membra suum.  
Mist ad Ignotos tenuis Fortuna Parentum,  
Nou pereat tanta fama stupenda rei.  
Interiora Latent, neqVeVnt abstrusa VIDerI:  
eXIgVo totVM CorpVs In aere patet.*

Chaloungraphy (from Greek: chalos, copper and graphia, to write) engravings with an elegiac couplet containing a chronogram.

*InterIora Latent,  
neqVeVnt  
abstrVsa VIDerI:  
eXIgVo totVM  
CorpVs In aere  
patet.*

M	- 1x1000	= 1000
D	- 1x500	= 500
C	- 1x100	= 100
L	- 1x50	= 50
X	- 1x10	= 10
V	- 7x5	= 35
I	- 6x1	= 6
		1000+500+100+50+10+35+6 = 1701

**CHRISTIAN AUGUST  
OF SAXE-ZEITZ  
(1666-1725)**


**(KERESZTÉLY ÁGOST)**

21st of March 1709  
placed the sisters at the age of 8 to the  
Bratislava Monastery of St. Ursula



**ANATOMICKÉ TERMÍNY**

- ❖ corpus – body
- ❖ pedes – legs
- ❖ vena cava – hollow vein
- ❖ femur – thigh
- ❖ hepatis – liver
- ❖ splen – spleen
- ❖ pancreas – pancreas
- ❖ renes – kidneys



**PATHOLOGICAL AND  
PHARMACEUTICAL TERMINOLOGY**

- ❖ afflictoes hystericae – diseases of the womb
- ❖ afflictoes pectoris – diseases of the chest
- ❖ febris – fever
- ❖ tussis – cough
- ❖ varicula – small pox
- ❖ morbilli – measles



Thank you for your  
attention!

