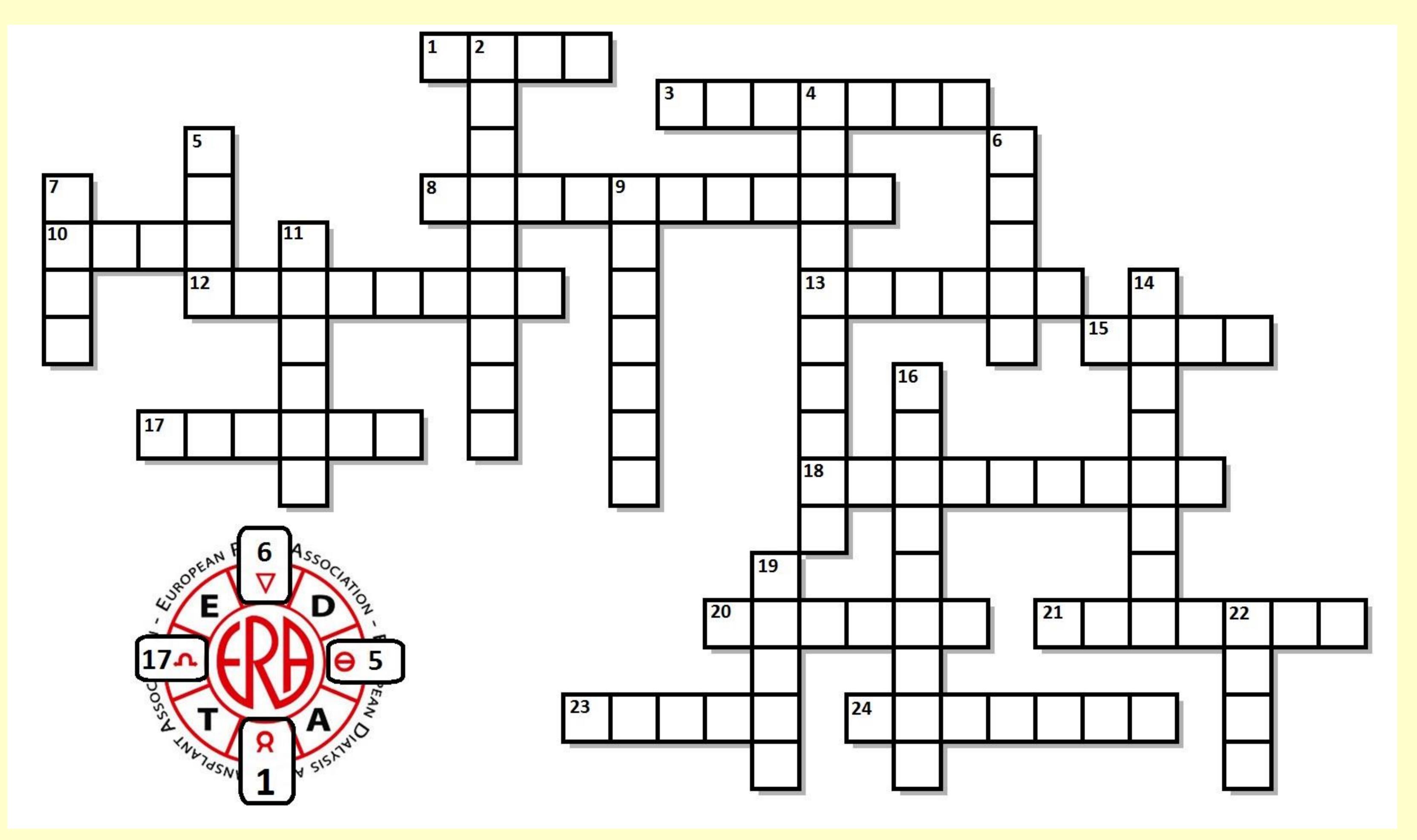
## **CROSSWORD: THROUGH THE HISTORY**

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	ACROSS		DOWN				
1	Antique cryptographic symbol of (emblem ERA-EDTA).	2	The volume of blood or plasma that is cleared of				
	Whe wee ewerded isintly to E. Burnet, the Nebel Drize in		substance per unit time.				

5

- vyno was awarded jointly to F. Burnet the Nobel Prize in
- 3 Physiology or Medicine 1960 "for the discovery of acquired immunological tolerance"?

8	Immunosuppressive	drug	from	group	of	natural
	macrolides.					

- 10 Who did construct the first artificial kidney in 1913?
- 12 Day of week when World kidney day is celebrated.
  Who was awarded jointly to M. Edelman the Nobel Prize
  in Physiology or Medicine 1972 "for their discoveries concerning the chemical structure of antibodies"?

The British caricaturist, James Gillray, suffered from this disease and illustrate it in one of his paintings. Gillray has depicted it as a Little Devil that prowls a swollen foot, and has struck above the joint of the big toe.

17 Antique cryptographic symbol of ... (emblem ERA-EDTA).

## 18 Bright's disease.

15

20

The professor of medicine in Paris, who proposed the idea that hormones regulate the production of red blood cells in 1905.

4 For the discovery of these proteins Peter Agre was awarded the Nobel Prize in Chemistry in 2003.

Antique cryptographic symbol of ... (emblem ERA-EDTA)

6 Antique cryptographic symbol of ... (emblem ERA-EDTA)

7 The German doctor who performed the first human hemodialysis treatment in 1924.

9 Process that was first documented by Jean-Antoine Nollet in the 18th century and named by French physician René Joachim Henri Dutrochet in the 19th century.

Who was awarded jointly to E. Thomas the Nobel Prize in Physiology or Medicine in 1990 "for their discoveries concerning organ and cell transplantation in the treatment of human disease".

## 14 The first EDTA President (1964).

16 Main nephrological syndrome includes proteinuria, hypoalbuminemia and edema.

Name of the city where surgeon Yuriy Voroniy attempted

21 the first human kidney transplantation from the deceased donor in 1933.

Pioneer of hemodialysis who was able to save a patient's life with hemodialysis treatment in 1945 (with long-term patient survival).

24 The anticoagulant used in first sessions of hemodialysis.

19 Schema for nomenclature and classification of renal allograft pathology.

Danish scientist who was awarded the Nobel Prize in Chemistry in 1997 "for the first discovery of an iontransporting enzyme, Na+, K+ -ATPase".

> 1. Acid. 2. Clearance. 3. Medawar. 4. Aquaporins. 5. Salt. 6. Water. 7. Haas. 8. Tacrolimus. 9. Osmosis. 10. Abel. 11. Murray. 12. Thursday. 13. Porter. 14. Forminje. 15. Gout. 16. Nephrotic. 17. Alkali. 18. Nephritis. 19. Banff. 20. Carnot. 21. Kherson. 22. Skou. 23. Kolff. 24. Hirudin.



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