

Ziua internațională a imunologiei
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Imunogenitatea unor structuri antigenice HBV și HCV

**Crina Stavaru¹, Iuliana Caras¹, Irina Ionescu¹, Catalin Tucureanu¹, Ene Vlase¹, Adriana Costache¹, Ana-Maria Pantazica²,
Mihaela-Olivia Dobrica², Catalin Lazar², Cristina Scurtu², Jihong Liu- Clarke³, Norica Branza-Nichita², Adrian Onu¹**

1 Institutul National de Cercetare Dezvoltare Medico-Militara ‘Cantacuzino’

2 Institutul de Biochimie al Academiei Romane

3 Institutul Norvegian pentru Cercetări în Bioeconomie-NIBIO

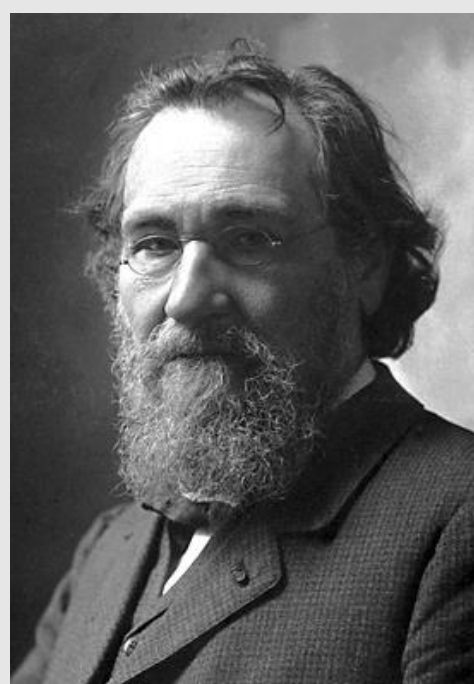
Imunoprofilaxia prin vaccinare este una din intervențiile medicale cele mai rentabile pentru că induce un răspuns imun antigen specific, conferind protecție față de numeroase boli infecțioase.



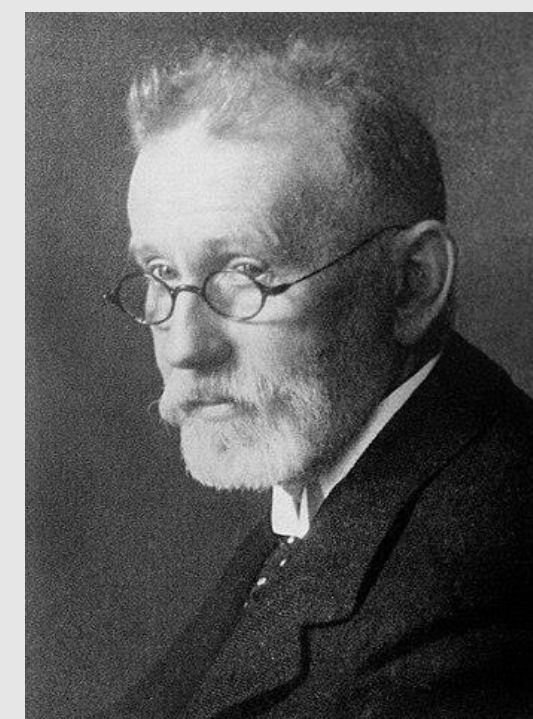
Edward Jenner



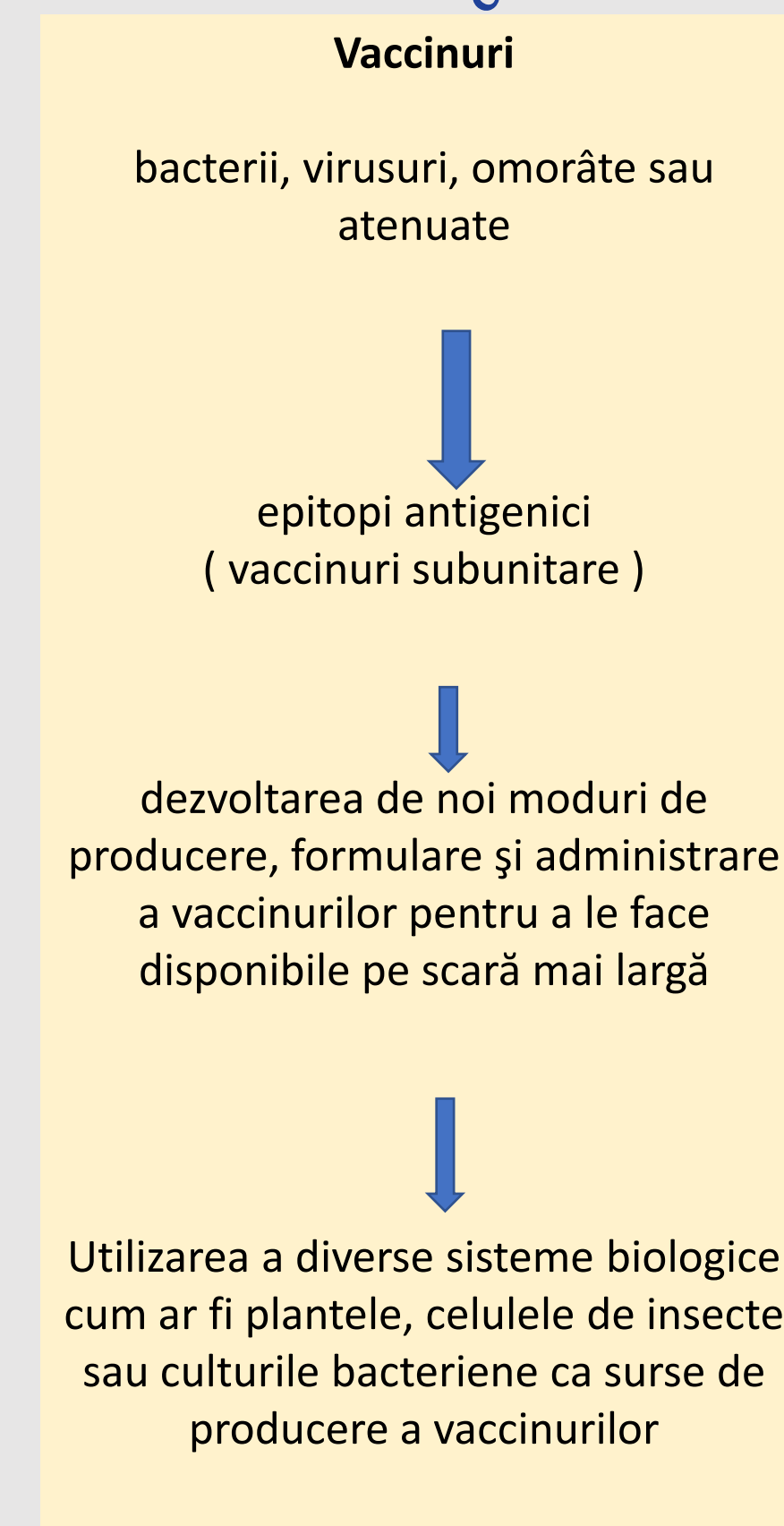
Louis Pasteur



Ilya Mechnikov



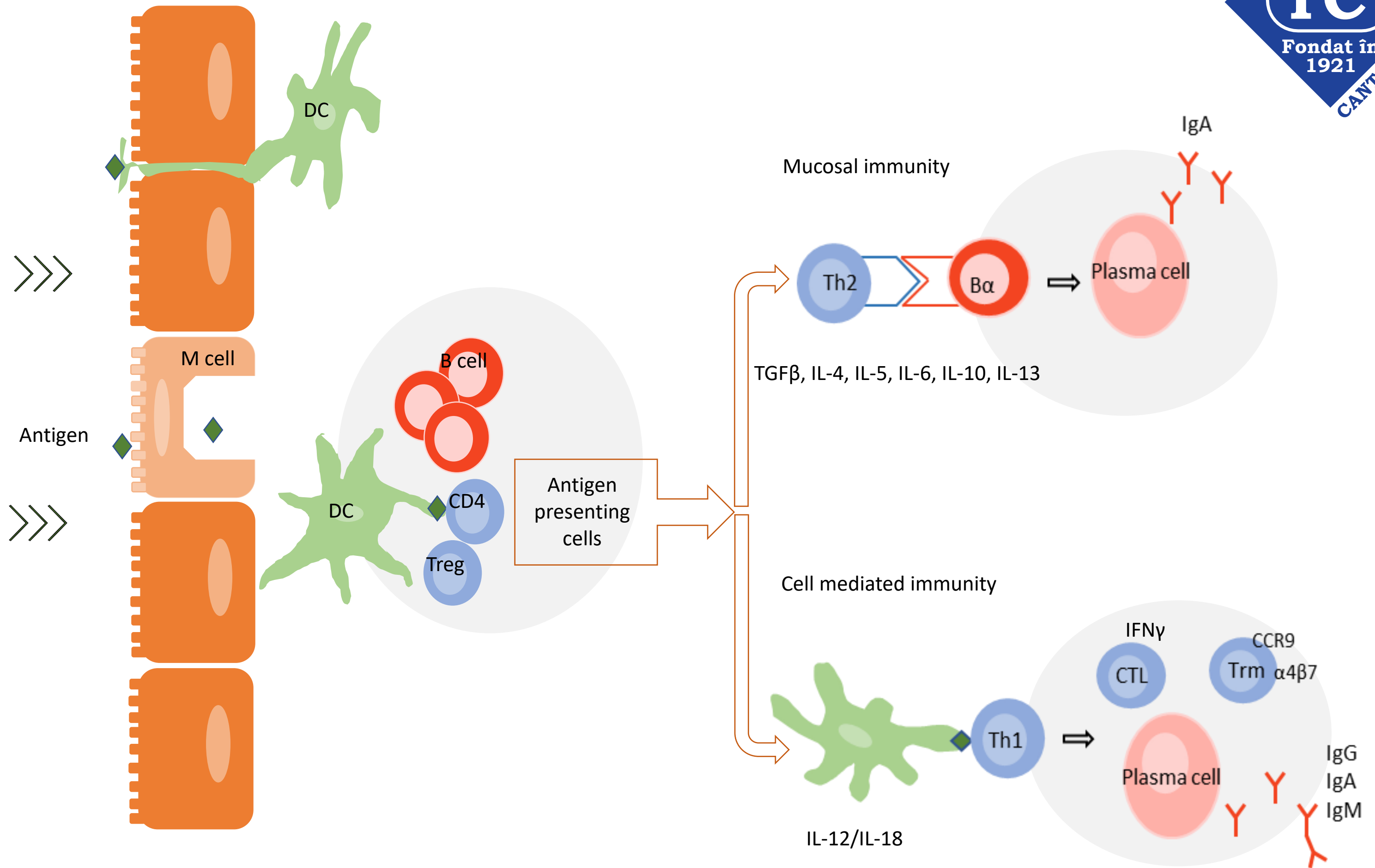
Paul Ehrlich



Edible form
vaccination

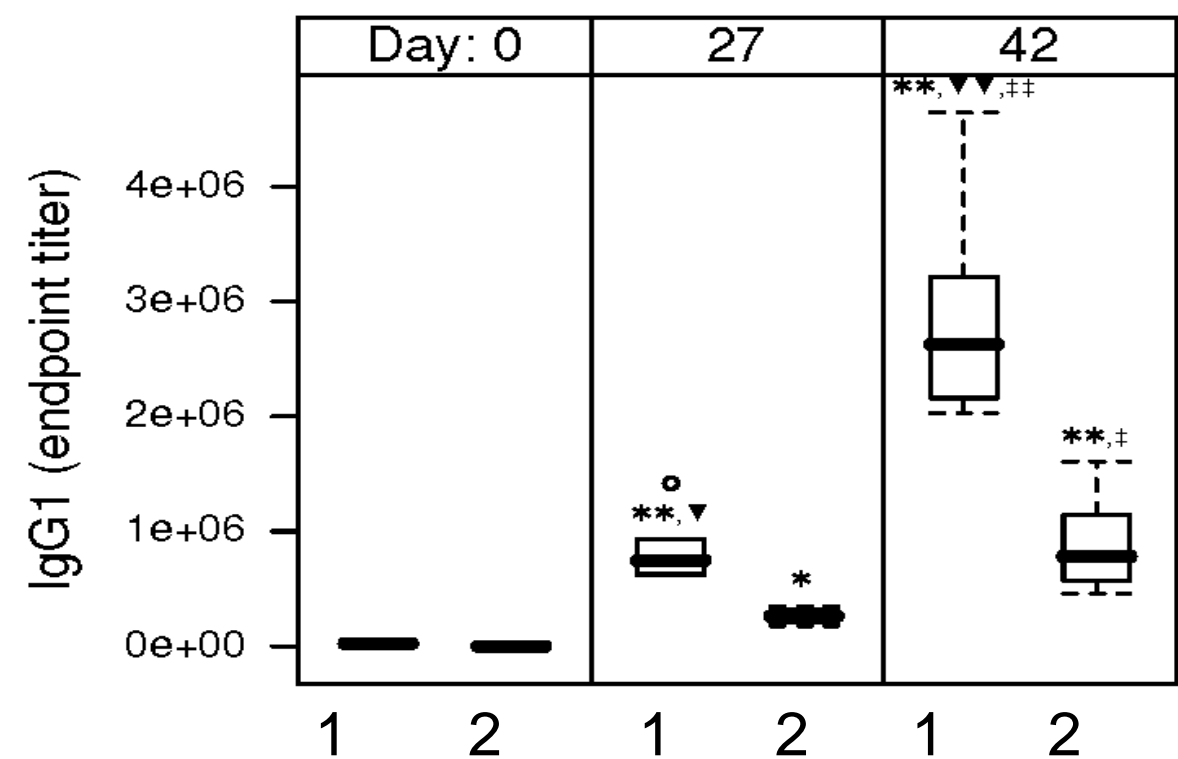
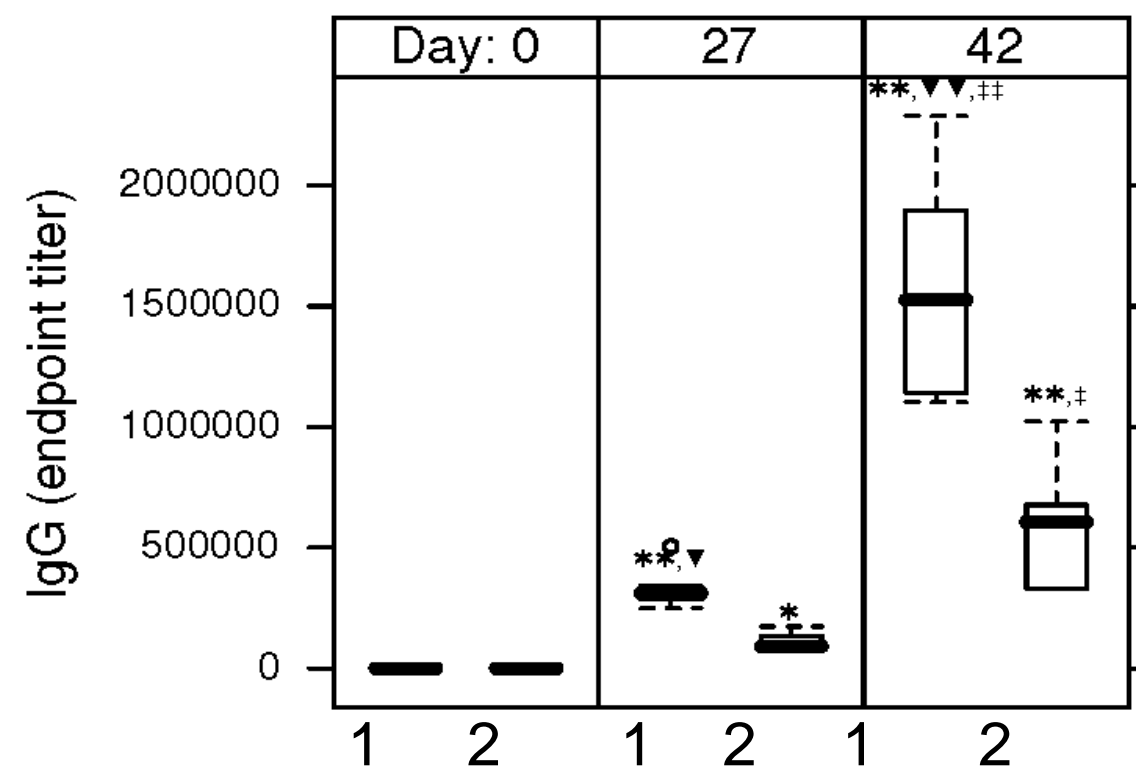
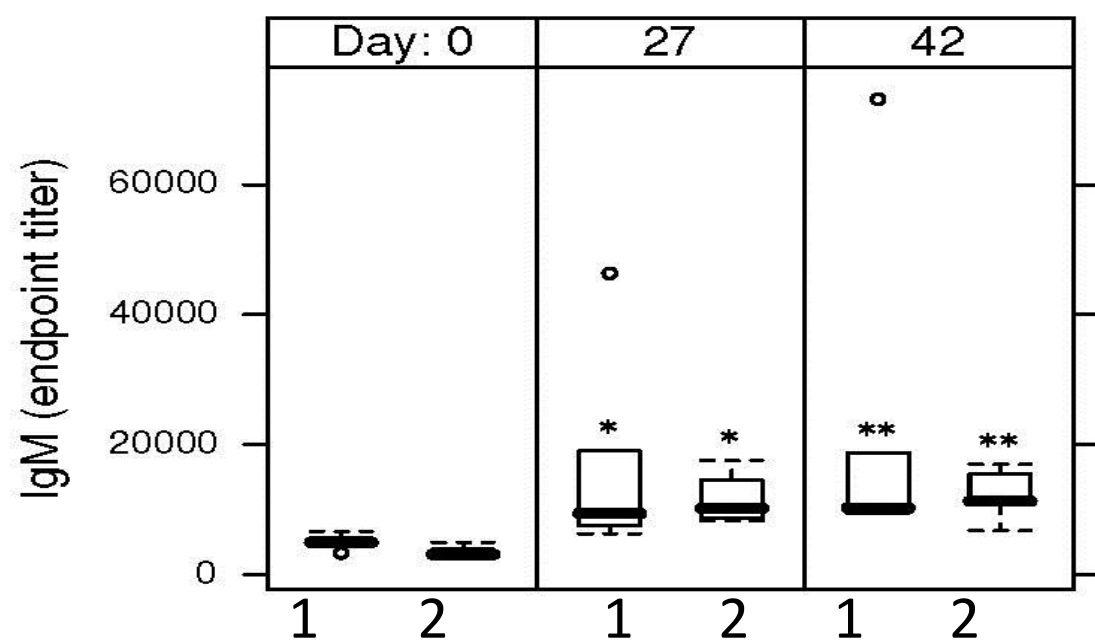
Subunit vaccine
formulation

Combined
immunization
protocol

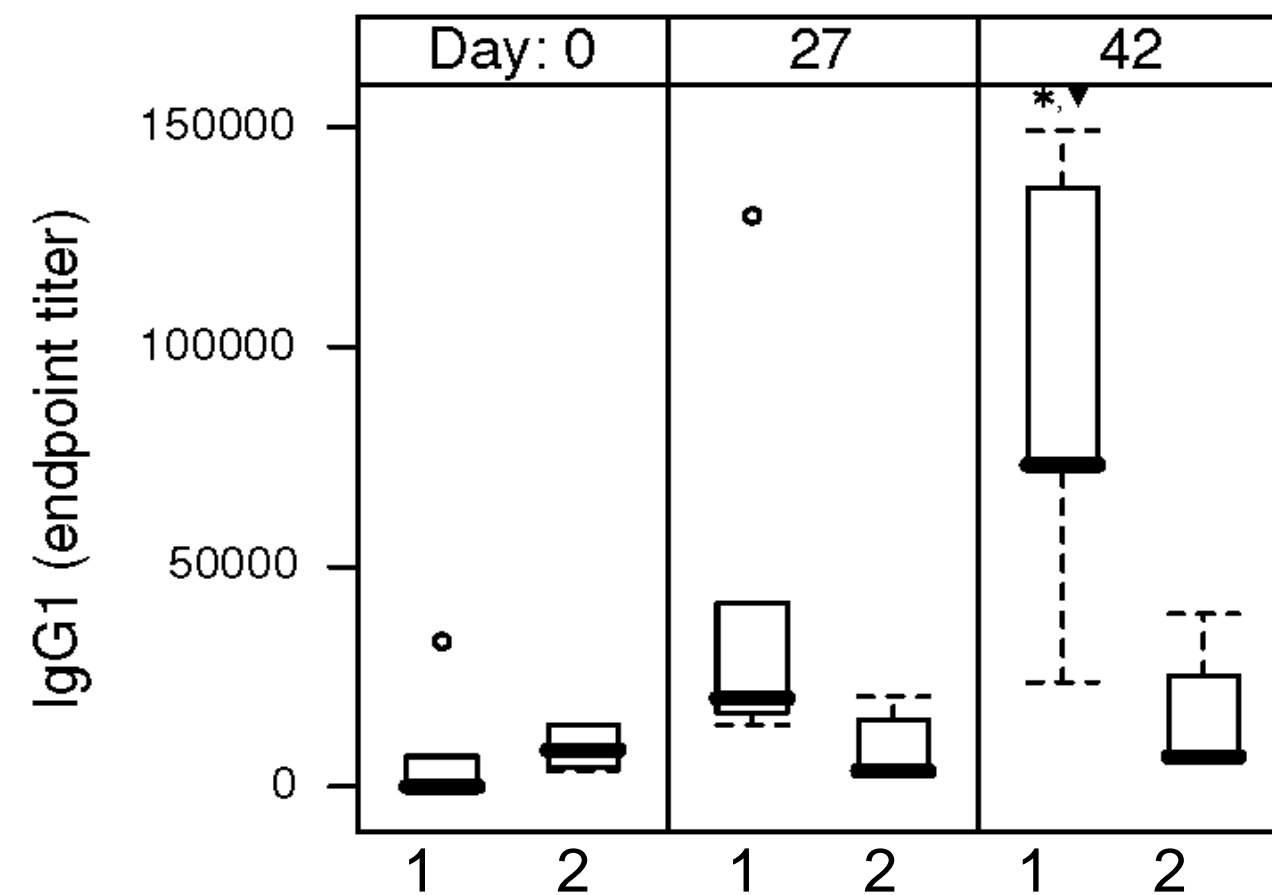
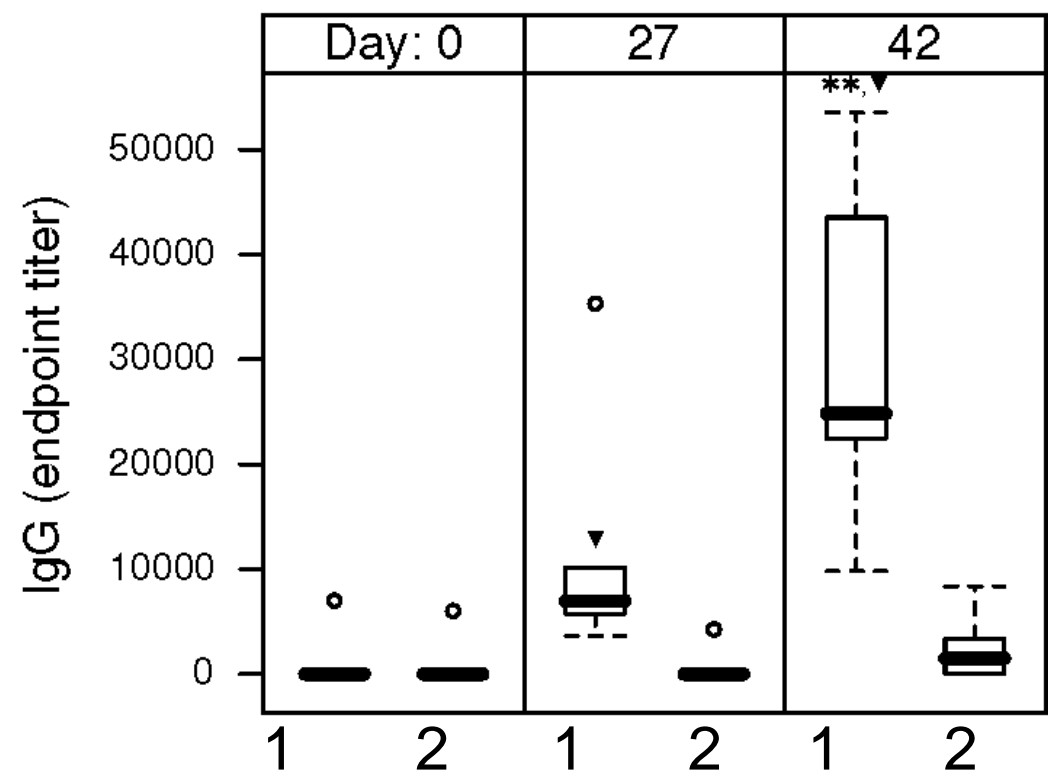
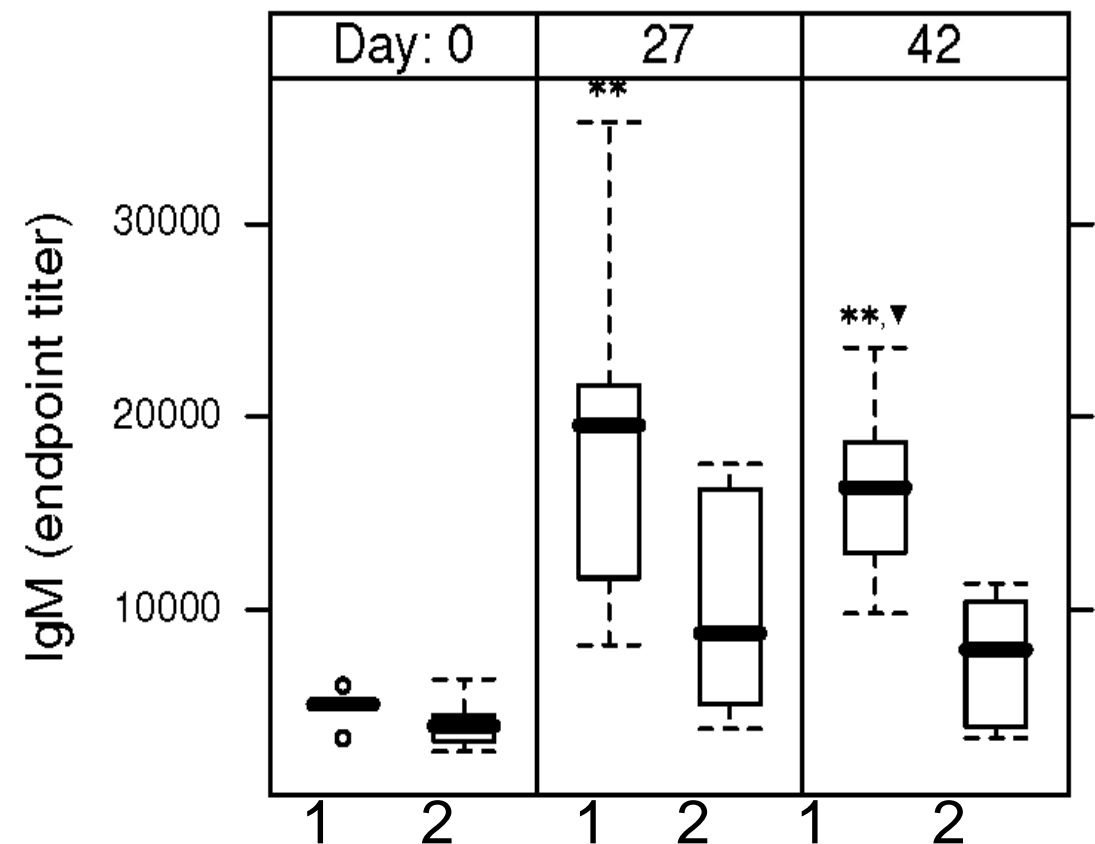


➤ Imunizarea parenterală a șoarecilor Balb/c cu antigenele HBV (1) HBV- S/preS1(21-47) or (2) HBV-S

HEK-293T-Ag



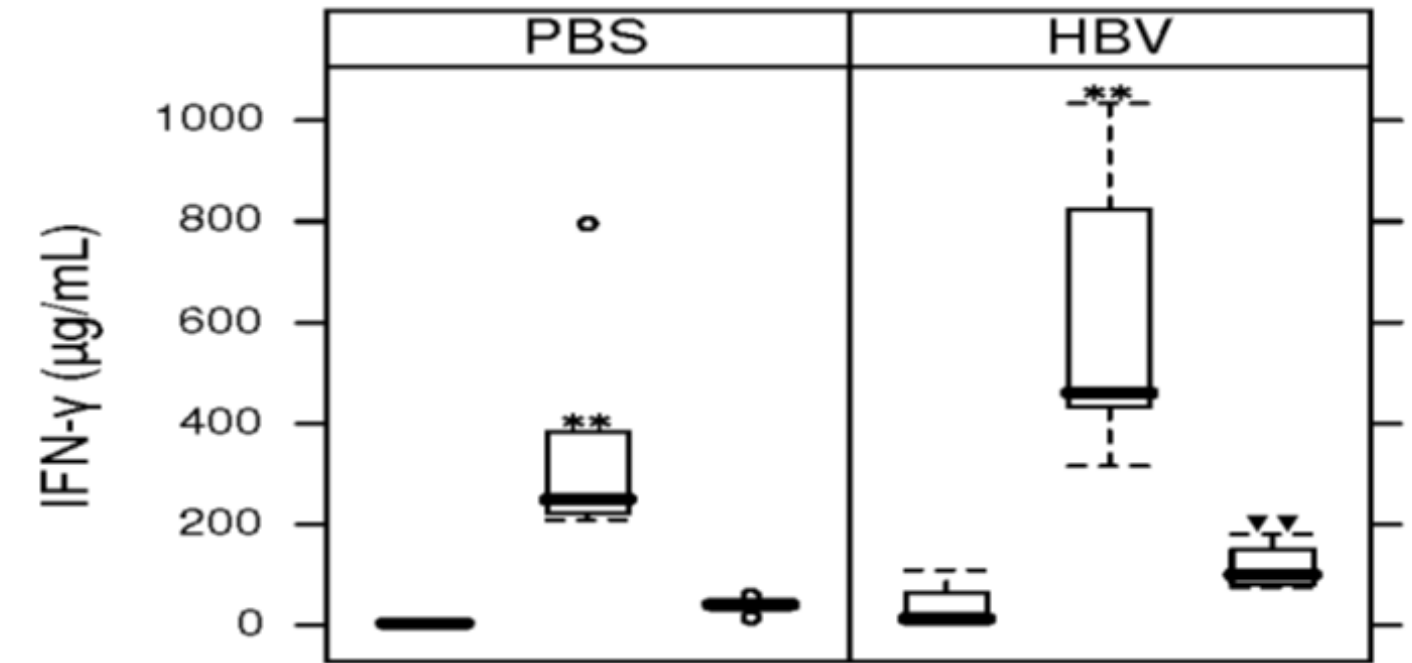
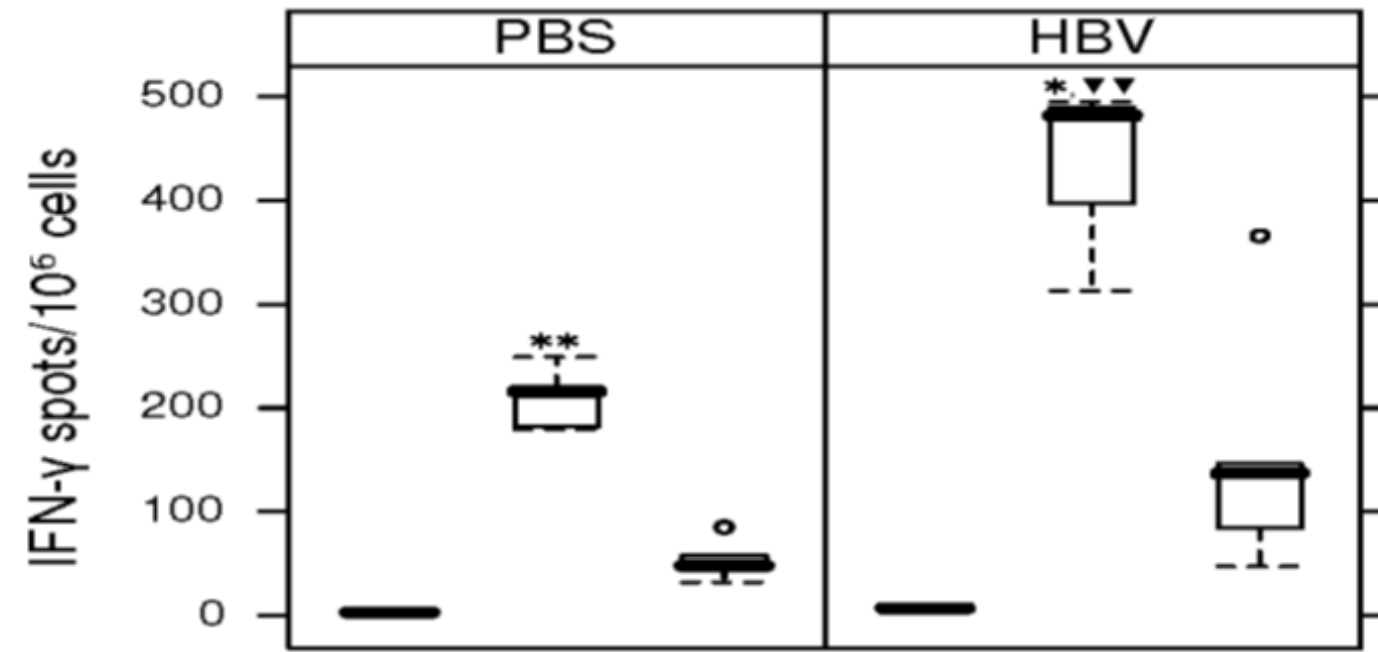
Tobacco bent.-Ag



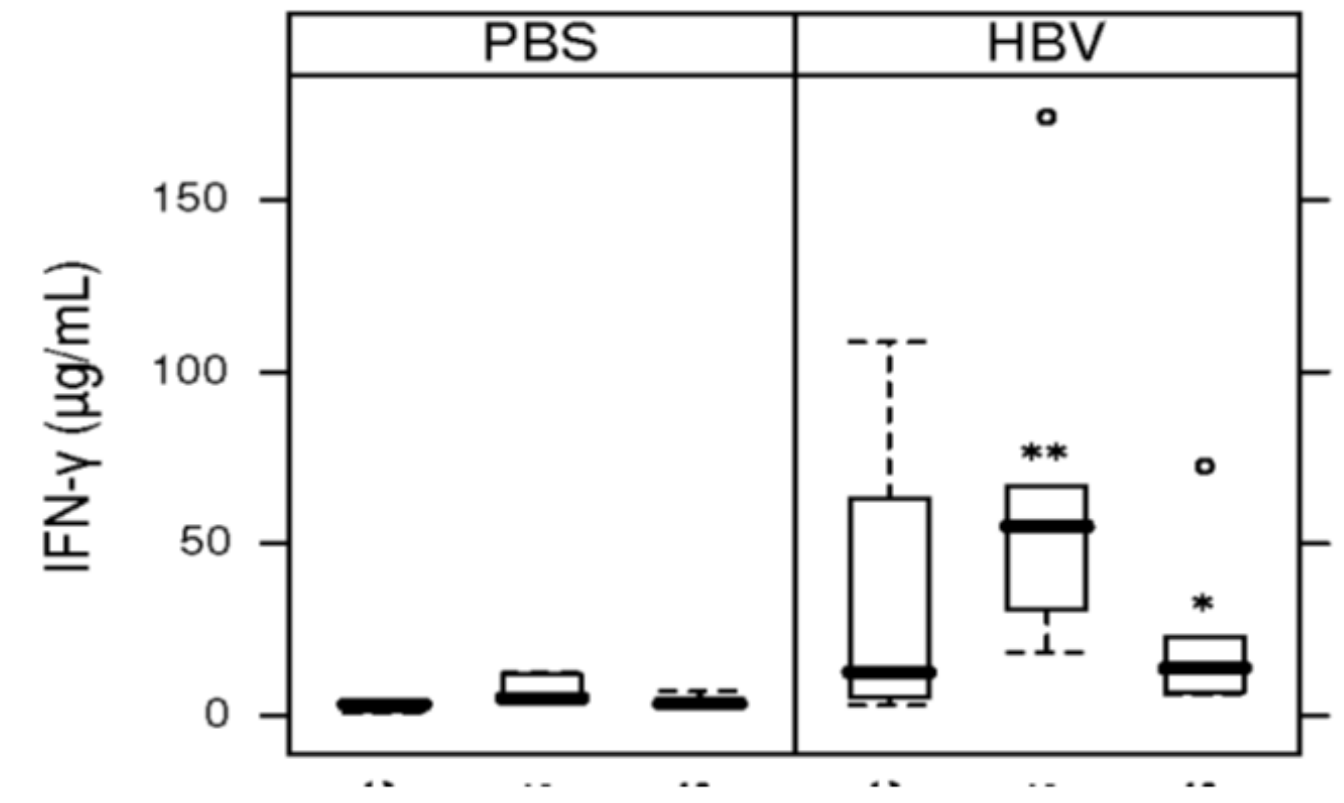
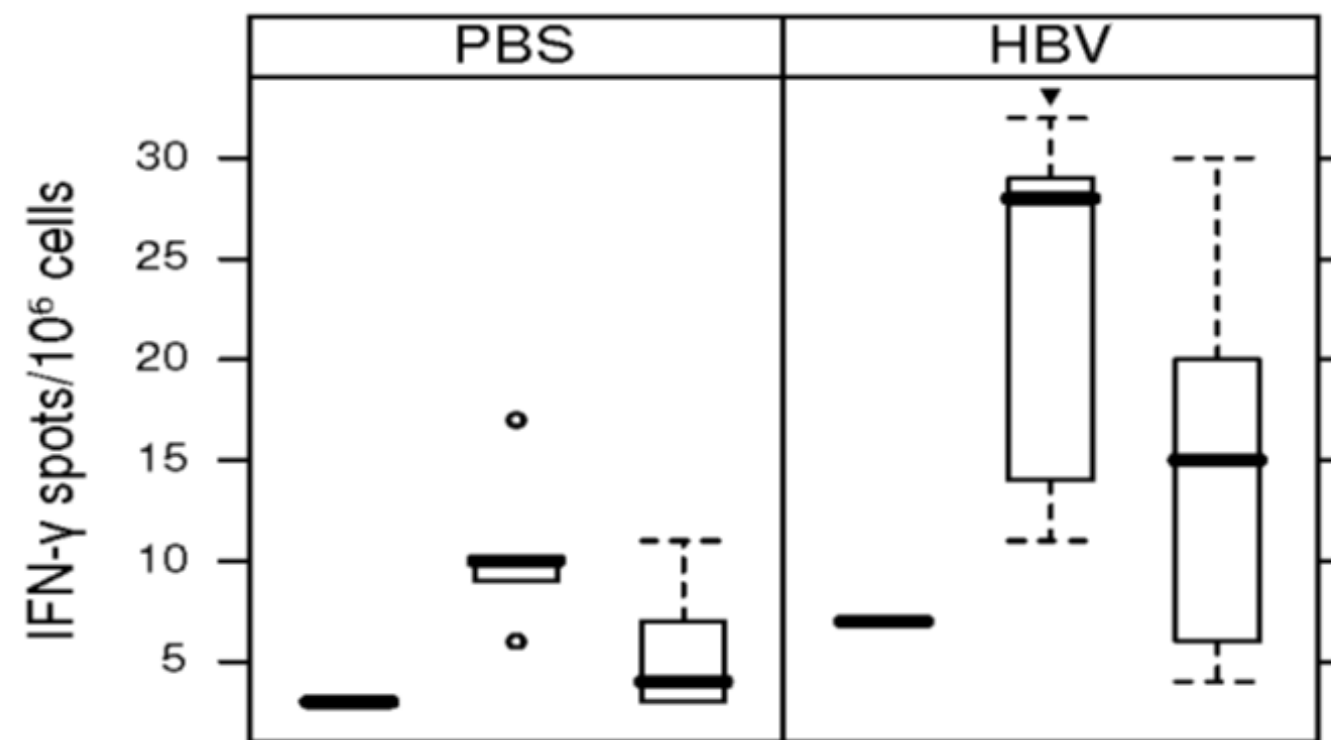
➤ Imunizarea parenterală a șoarecilor Balb/c cu antigenele HBV

(1) HBV- S/preS1(21-47) or (2) HBV-S

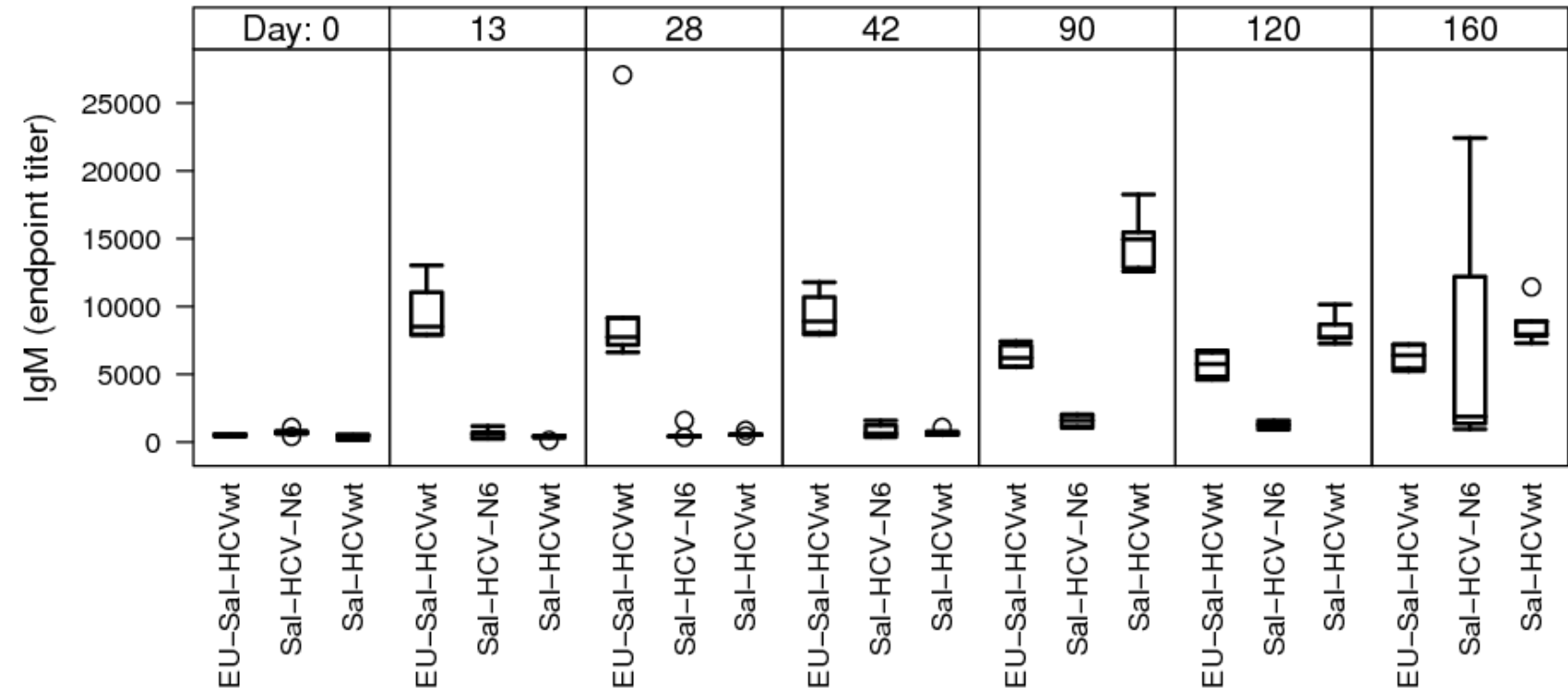
HEK-293T-Ag



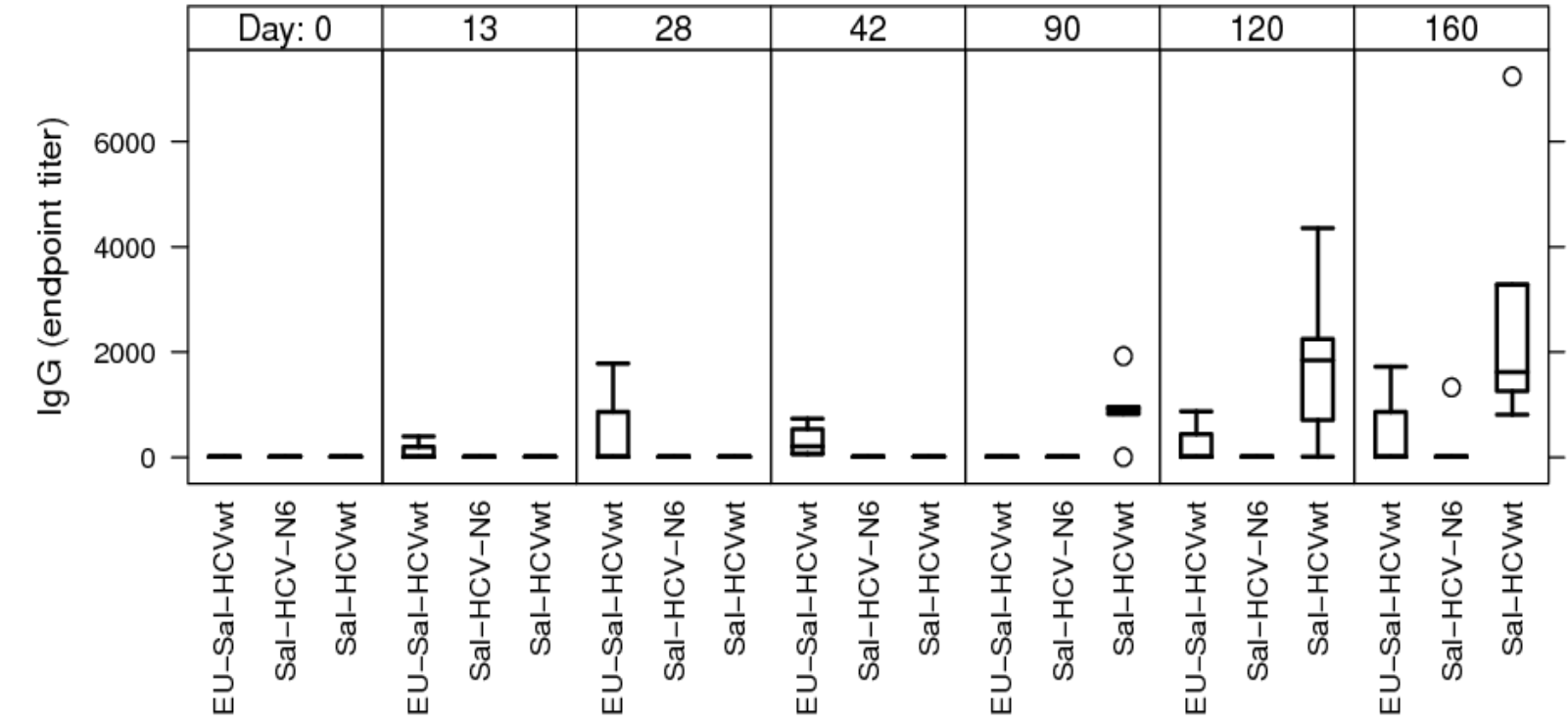
Tobacco bent.-Ag



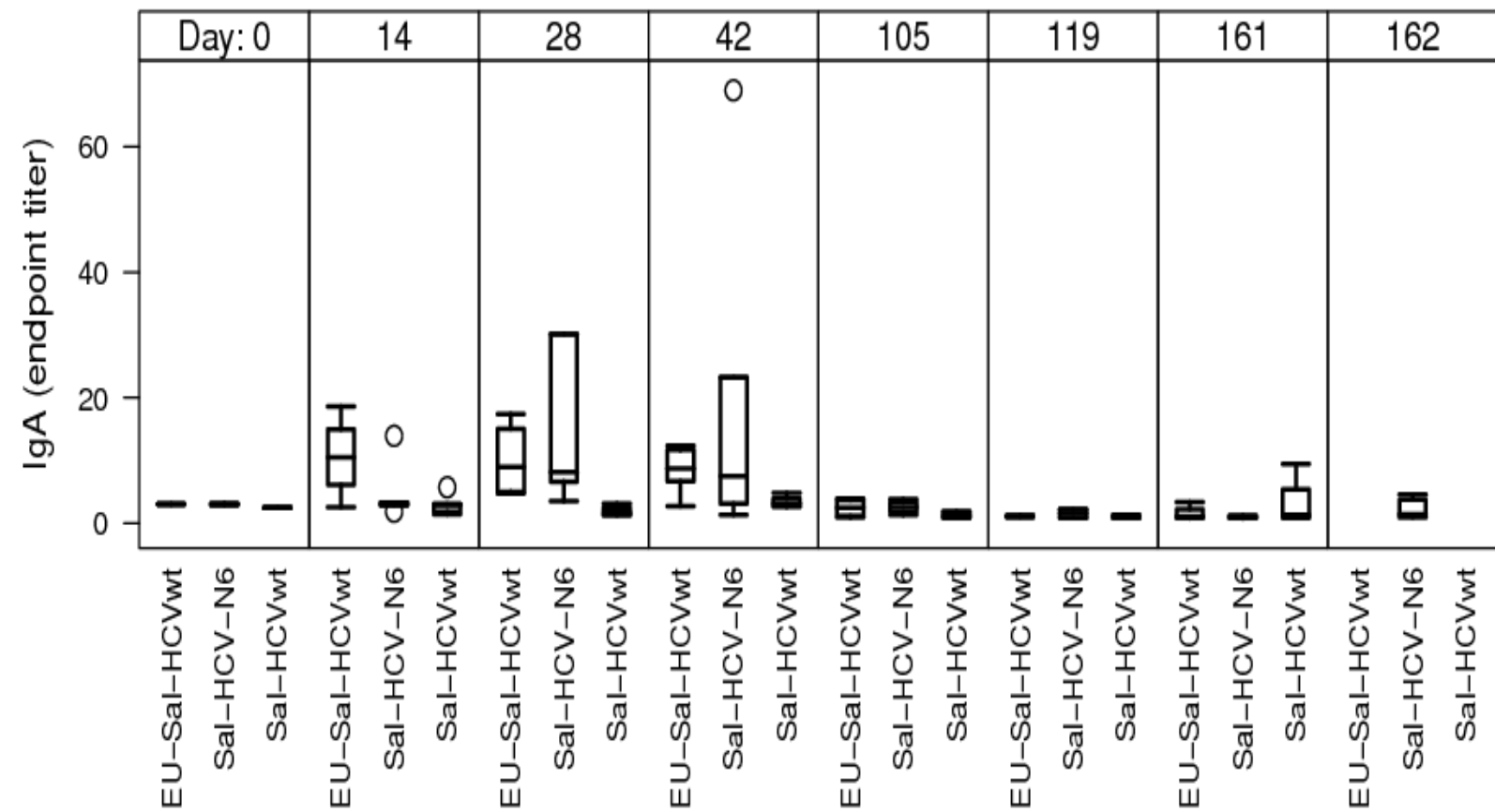
IgM



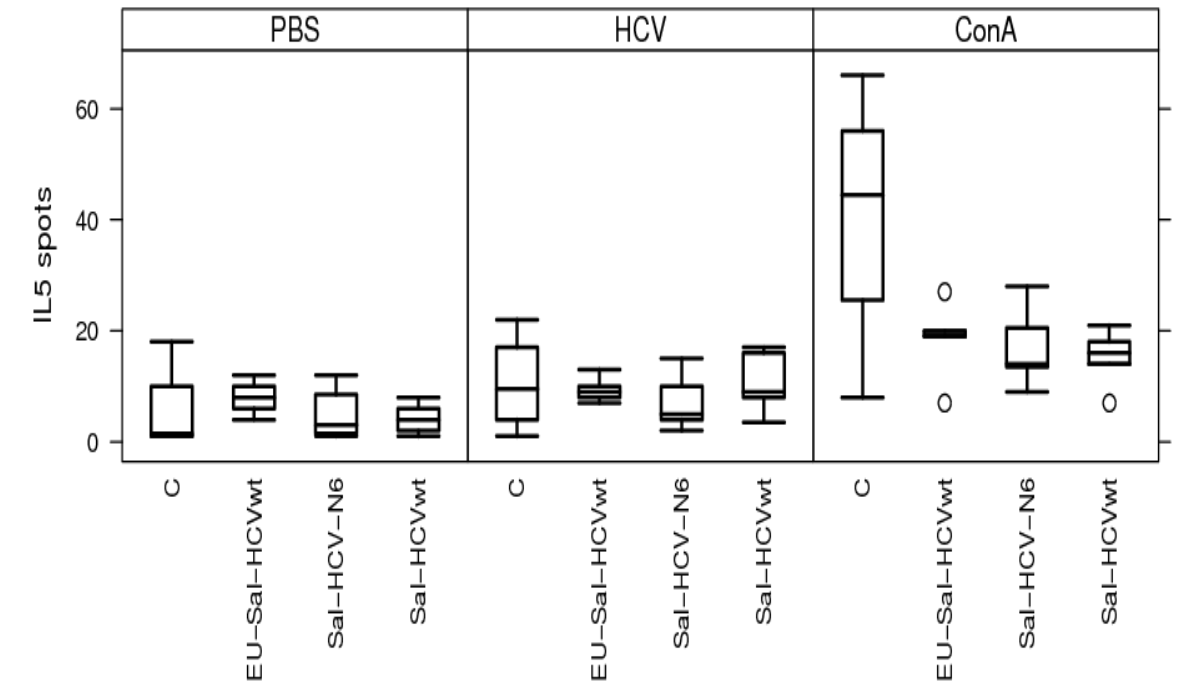
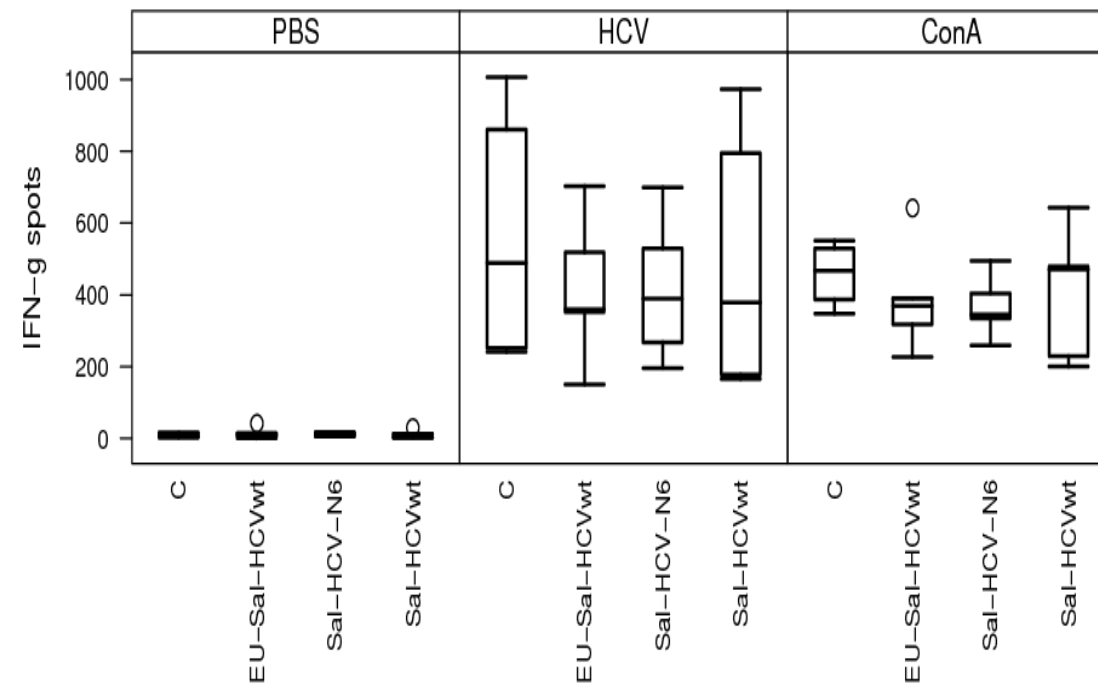
Ig G



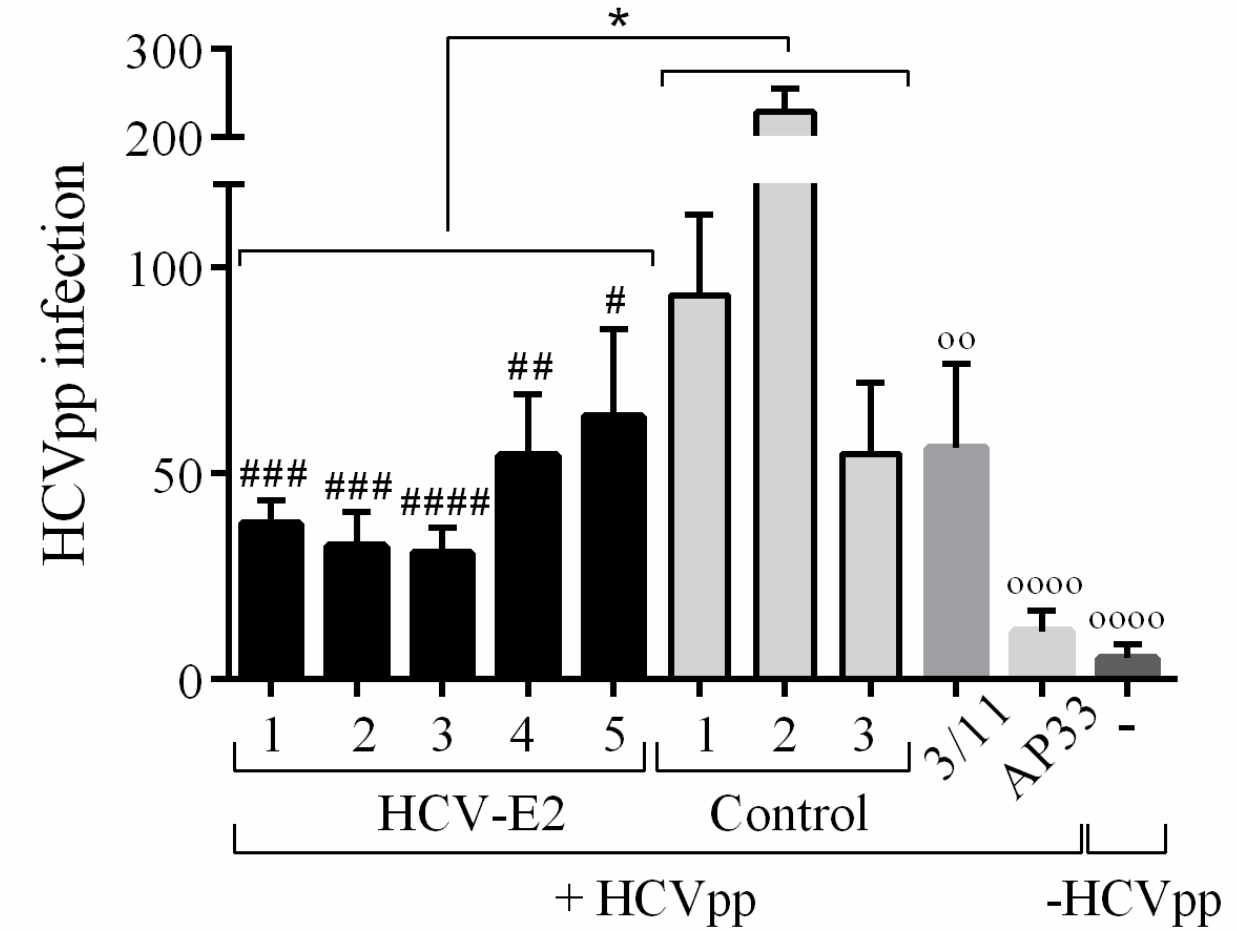
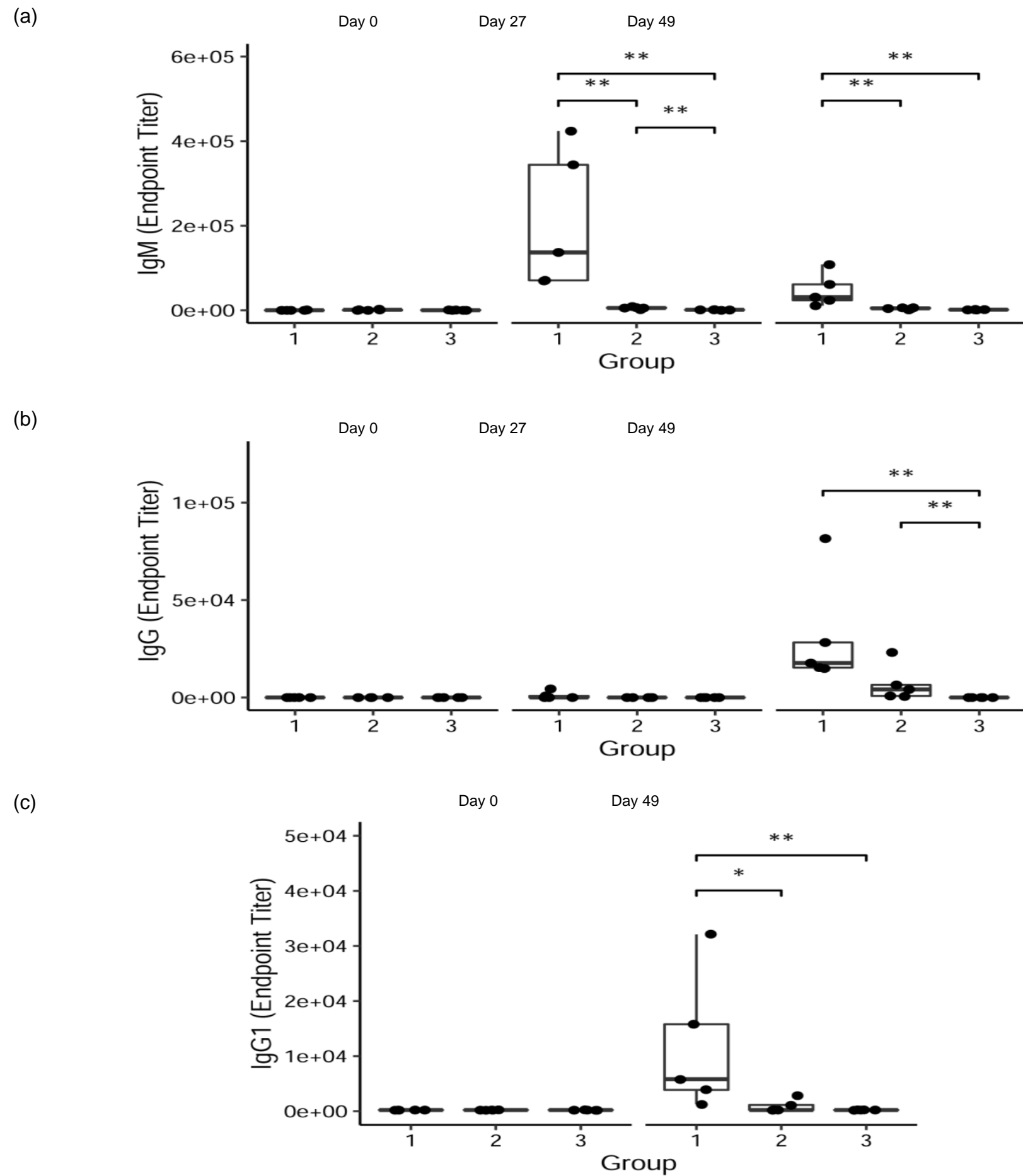
Secretory Ig A



ELISPOT IFNγ and IL-5



	day			
	1	7	14	70
HEK-HCVwt	im	Po	po	-
Sal-HCVwt	po	Po	-	im
Sal-HCVN6	po	po	po	-



Seroneutralizarea (infecția cu HCVpp).

Celule Huh7 au fost infectate cu pseudo-particule (pp) conținând gena luciferazei gene și anvelopa HCV-1a E1E2 (+ HCVpp) sau fără anvelopă (-HCVpp).

Infecția HCVpp a fost efectuată în prezența serurilor imune (ziua 56) și control.

Controlul pozitiv a fost reprezentat de anticorpul anti-Anti-E2 3/11 and AP33. S-a determinat prezența luciferazei în fiecare probă (medie ± SD).

*, p < 0.05; #, p < 0.05; ##, p < 0.01; ###, p < 0.001; ####, p < 0.0001; oo, p < 0.01; oooo, p < 0.0001.

1 HCV-E2 produs în *N. benthamiana* –AlOH3
 2 proteine *N. benthamiana* Al(OH)₃



Vă multumesc!

The 2022 Day of Immunology (DOI) theme is ‘VACCINES.’ IUIS & EFIS invite all international societies to join in the effort to increase global awareness of the importance of immunology in the fight against infection, autoimmunity and cancer.

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