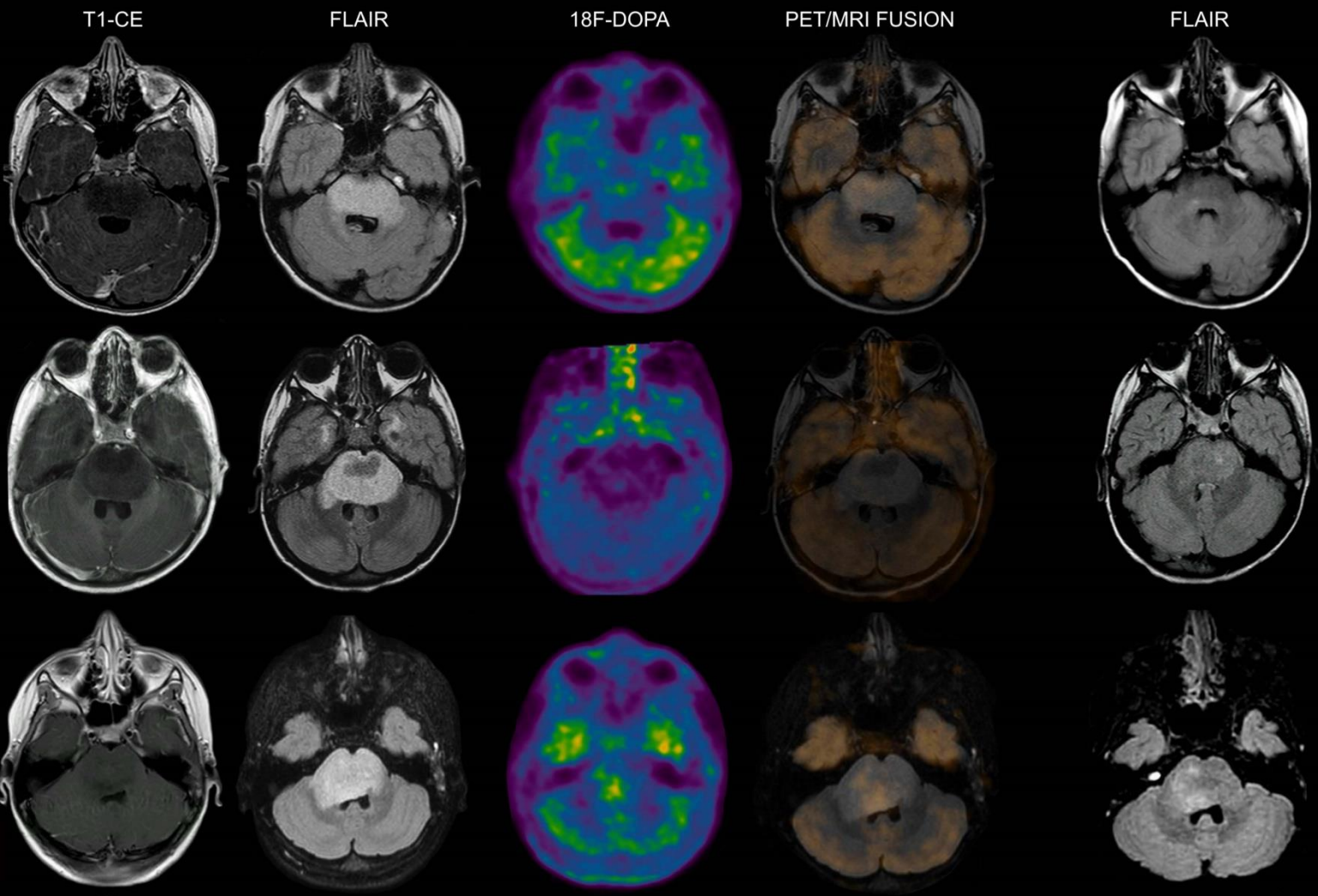


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PRE-TREATMENT

POST-TREATMENT



Front Cover:

Correlation of multimodal ^{18}F -DOPA PET and conventional MRI with treatment response and survival in children with diffuse intrinsic pontine gliomas

Giovanni Morana *et al.* pp.11881



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A

$$\text{Ce}_2\text{O}_3 + 2[\cdot\text{OH}] \rightarrow 2\text{CeO}_2 + \text{H}_2\text{O}$$

B

$$[\text{O}_2^-] + [\text{O}_2^-] + \text{H}_2 \xrightarrow{\text{Superoxide Dismutase}} \text{O}_2 + \text{H}_2\text{O}_2$$

$$\text{H}_2\text{O}_2 \xrightarrow{\text{Catalase}} 2\text{H}_2\text{O} + \text{O}_2$$

$$\text{H}_2\text{O}_2 \xrightarrow{\text{Peroxidase}} 2\text{H}_2\text{O} + \text{NAD}^+$$

C

Healthy RA

- Phagocytic cells
- FcRn neonatal Fc receptor
- SPARC
- Glycoprotein 60
- A-nanoceria-ICG

- A-nanoceria-ICG
- Glycoprotein 60
- SPARC
- FcRn neonatal Fc receptor

Inside Front Cover:

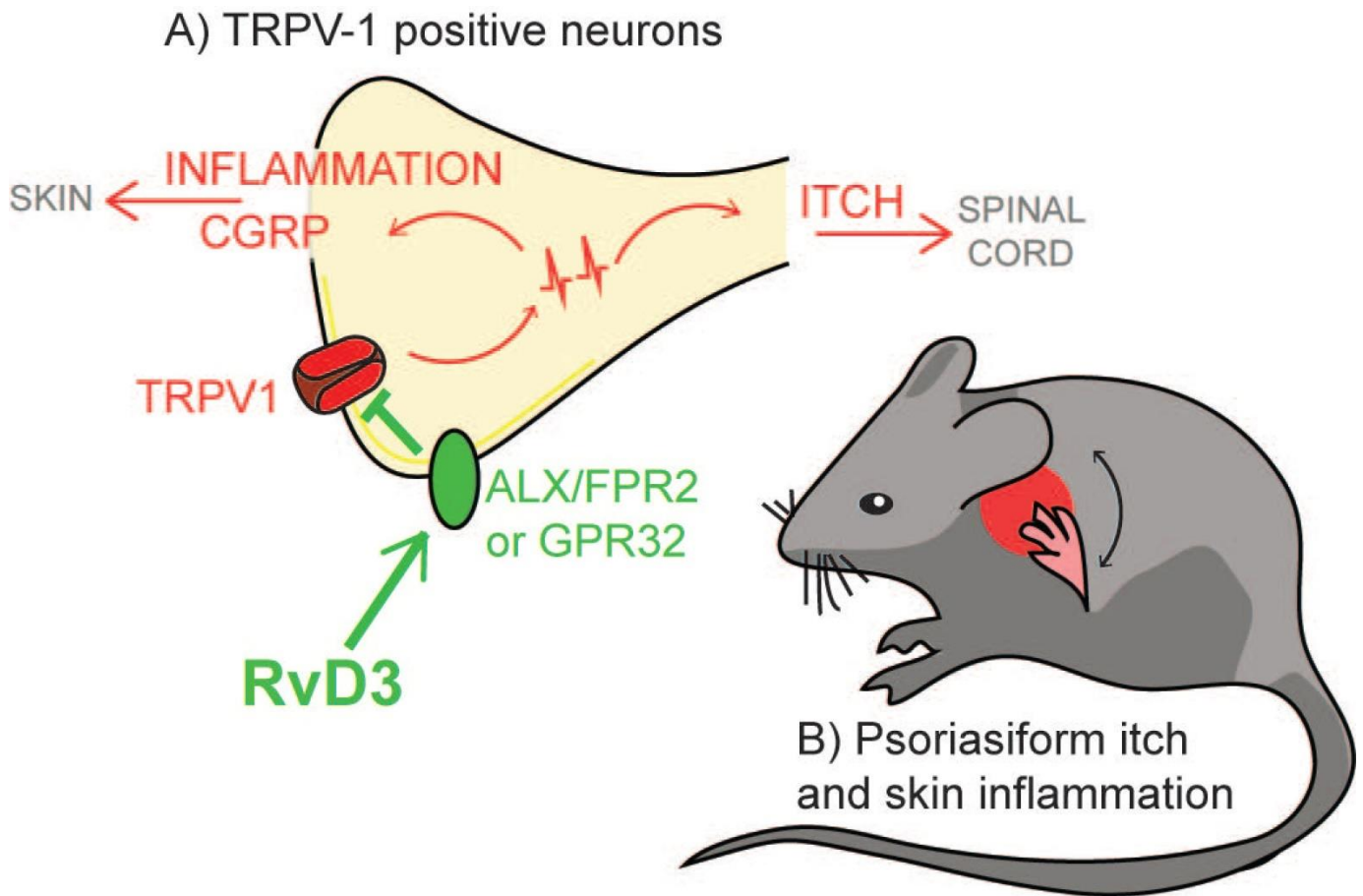
Ceria-based nanotheranostic agent for rheumatoid arthritis

Irina Kalashnikova *et al.* pp. 11863



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Inside Back Cover:

Resolvin D3 controls mouse and human TRPV1-positive neurons and preclinical progression of psoriasis

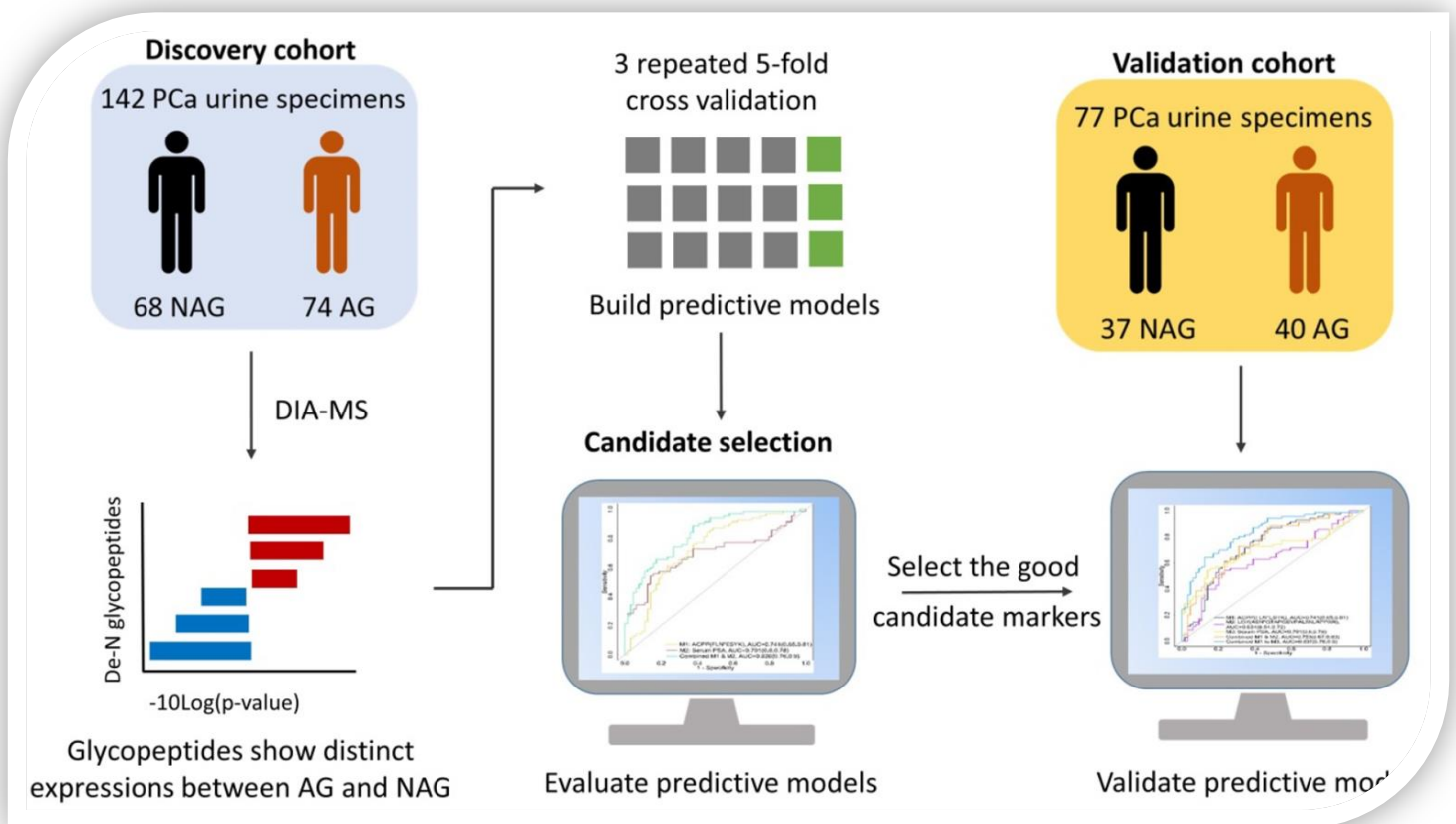
Sang Hoon Lee, *et al.* pp.12111



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expressions between AG and NAG
glycopeptides show distinct

Evaluate predictive models

Validate predictive models

De-N glyco
 $-10\log(p\text{-value})$

candidate markers
select the good

Back Cover:

Urinary glycoproteins associated with aggressive prostate cancer

Mingming Dong *et al.* pp.11892



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