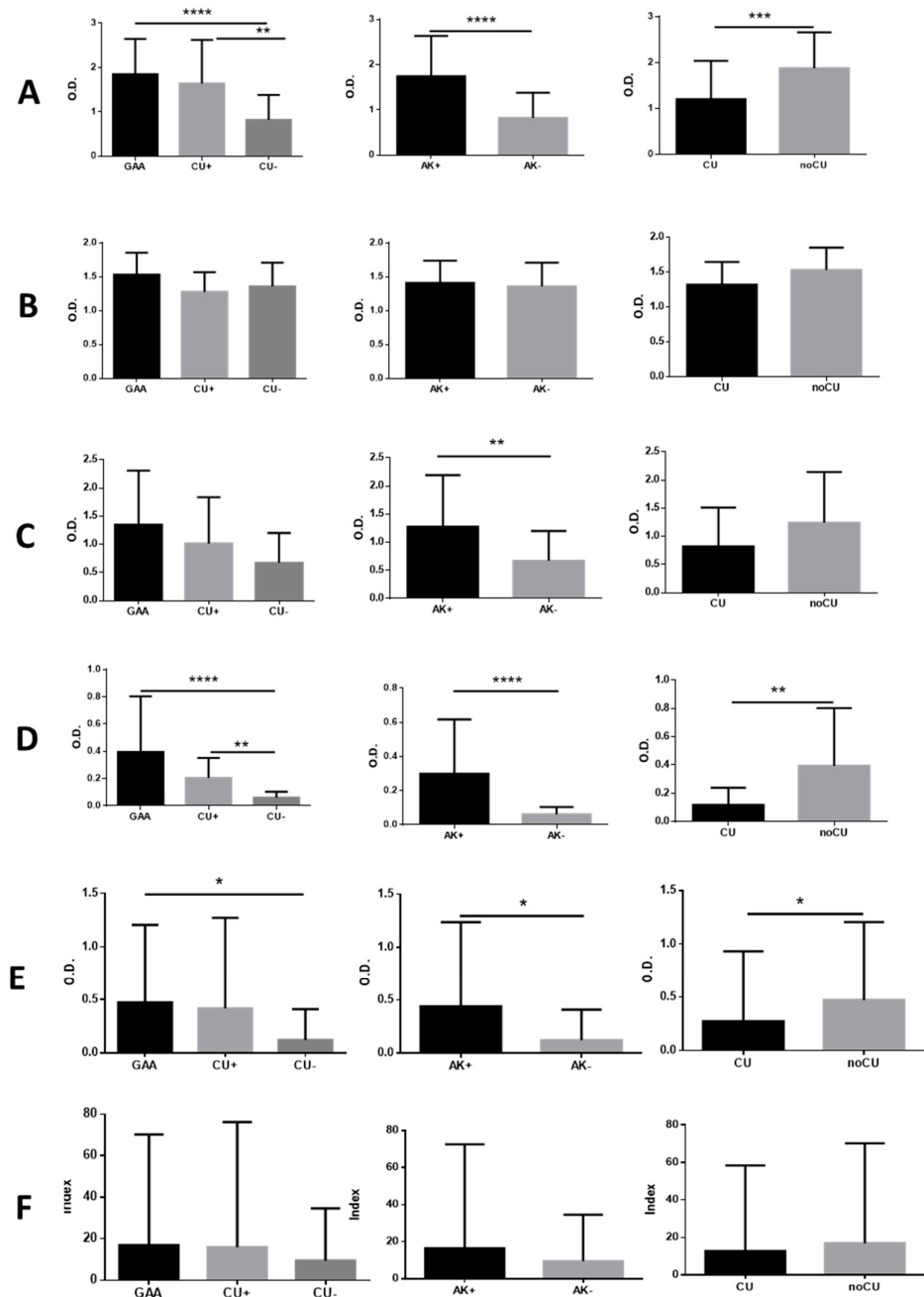
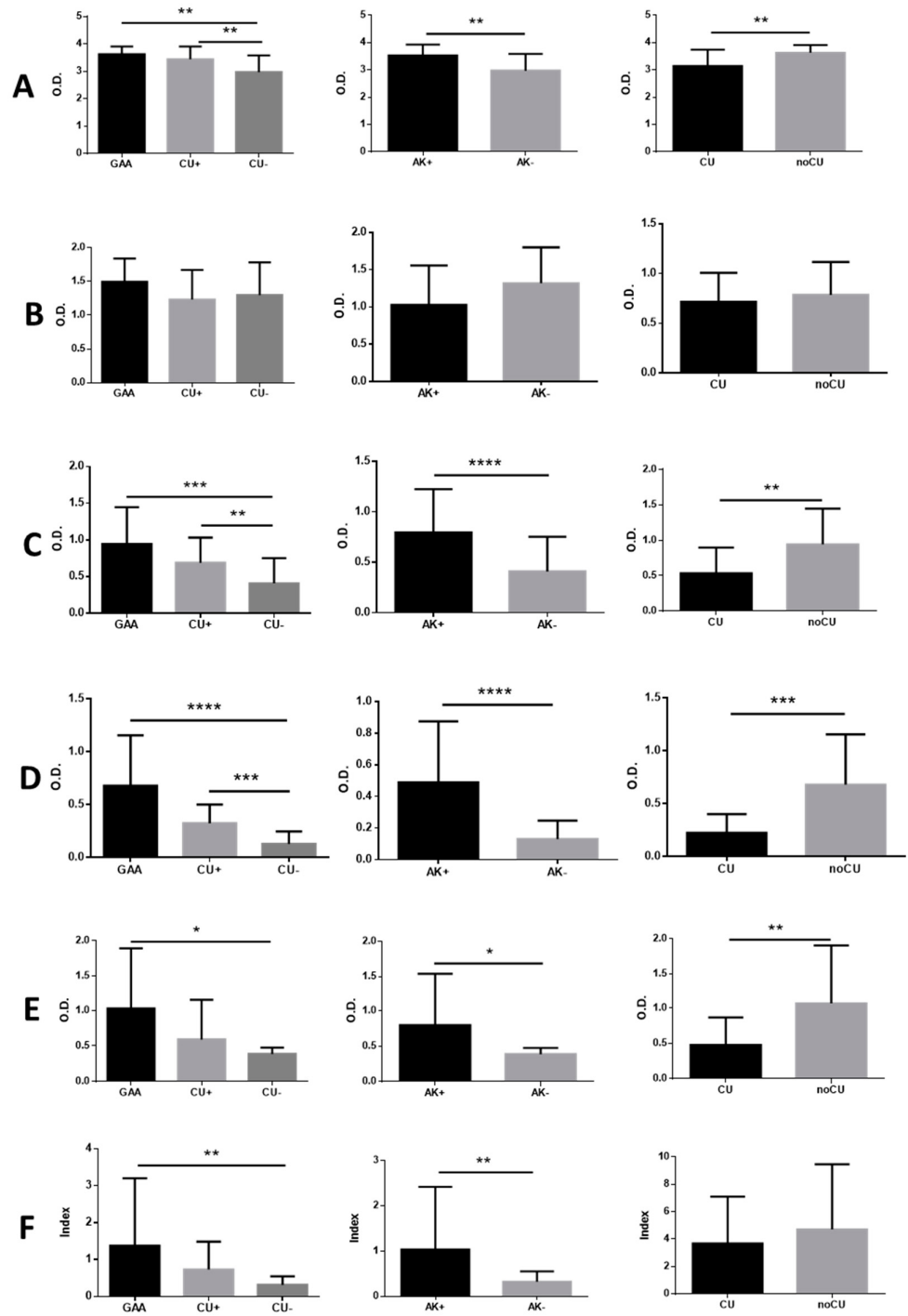


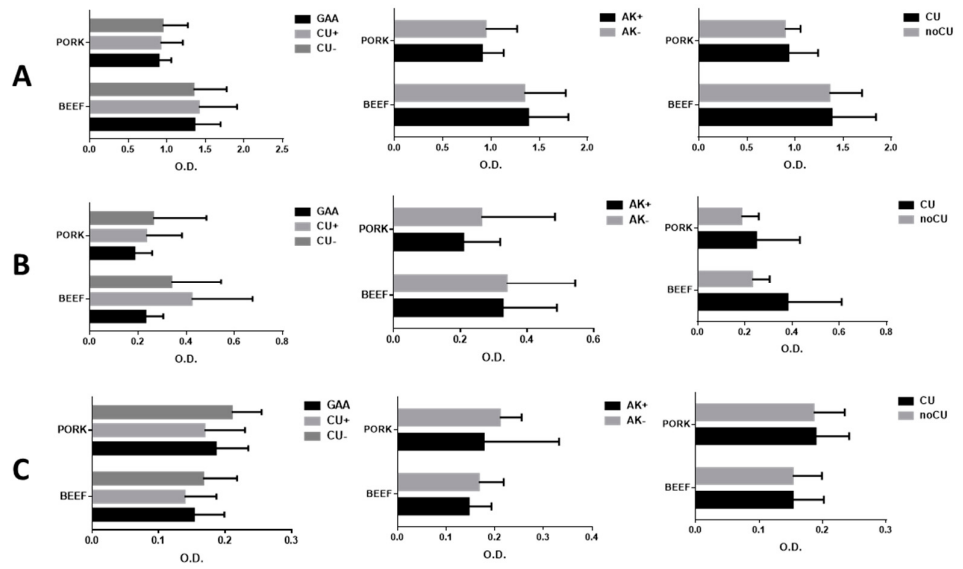
# Supplementary Materials



**Figure S1.** Levels of anti-*Anisakis* sp. delipidated IgG (A), IgM (B), IgA (C), IgE (D), IgG4 (E), and IgE/IgG4 ratio (F) antibodies, expressed as optical density (O.D.), in patients diagnosed with gastroallergic anisakiosis (GAA), chronic urticaria with sensitization to *Anisakis* sp. (CU+), and chronic urticaria without sensitization to *Anisakis* sp. (CU-). AK+: GAA and CU+ patients; AK-: CU- patients; CU: CU+ and CU- patients; non-CU: GAA patients. Group comparisons were performed using Student's *t*-test for normally distributed data and the Mann-Whitney *U* test for non-normally distributed data. \**p* < 0.05, \*\**p* < 0.01, \*\*\**p* < 0.001, \*\*\*\**p* < 0.0001.



**Figure S2.** Levels of anti-*Anisakis* sp. non-delipidated IgG (A), IgM (B), IgA (C), IgE (D), IgG4 (E), and IgE/IgG4 ratio (F) antibodies, expressed as optical densities (O.D.), in patients diagnosed with gastroallergic anisakiosis (GAA), chronic urticaria with sensitization to *Anisakis* sp. (CU+), and chronic urticaria without sensitization to *Anisakis* sp. (CU-). AK+: GAA and CU+ patients; AK-: CU- patients; CU: CU+ and CU- patients; non-CU: GAA patients. Group comparisons were performed using Student's *t*-test for normally distributed data and the Mann-Whitney *U* test for non-normally distributed data. \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$ , \*\*\*\* $p < 0.0001$ .



**Figure S3.** Levels of IgG (A), IgG4 (B), and IgE (C) antibodies against muscle tissue proteins from pork and beef, expressed as optical densities (O.D.), in patients diagnosed with gastroallergic anisakiosis (GAA), chronic urticaria with sensitization to *Anisakis* sp. (CU+), and chronic urticaria without sensitization to *Anisakis* sp. (CU-). AK+: GAA and CU+ patients; AK-: CU- patients; CU: CU+ and CU- patients; non-CU: GAA patients. Group comparisons were performed using Student's *t*-test for normally distributed data and the Mann-Whitney *U* test for non-normally distributed data.