

Special Issue on **T Cell-Based Vaccines and Immunotherapies against Solid Tumors**

CALL FOR PAPERS

Advances in immunology have opened promising frontiers for the rational design of preventive and therapeutic vaccines to counteract and treat solid tumors. Improved understanding of host-protective versus immune-suppressive T cell subsets in combination with progress in T cell-based immunotherapeutic approaches presents exciting new opportunities for clinical interventions.

We invite investigators interested in vaccines and immunotherapies to contribute original manuscript and review articles to invigorate our ongoing quest for improved therapies. Articles with a focus on countering immune check points and suppressive T cells, immunization strategies that induce host-protective T cell subsets that can infiltrate solid tumors, and improved adoptive cell transfer approaches are of prime interest to this issue.

Potential topics include but are not limited to the following:

- ▶ Immunization strategies to tilt Th1/Th2 balance in solid tumors
- ▶ Role of antigen-specific regulatory T cells in tumor response
- ▶ Determination of antigenic candidates and improved ways of immunization
- ▶ Role of different *ex vivo* treatment regimens and genetic manipulations for improved adoptive T cell transfer outcomes
- ▶ Tumor microenvironment and immune checkpoints
- ▶ Gene therapy against solid tumors

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/mi/tcp/>.

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