



*Figure 1:* Membrane receptor-dependent signaling pathways involved in the regulation of thyrocyte growth, function, and differentiation. Cross-interacting circuits have been omitted for clarity purposes. Changes in specific elements of the above pathways are intimately associated with TC development, propagation, “aggressiveness”, morphologic phenotype, and acquisition of metastatic potential. For more details, refer to the text. All abbreviations are defined in the text, as well as in the List of Abbreviations. Boxes of different colors designate functional categories of the various molecules or pathways.