Studies on the Novel Mechanism for
Transcriptional Regulation by Retinoid

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Yasuhiro Suzuki

Doctoral Program in Bioscience and Biotechnology
University of Tsukuba
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**INTRODUCTION**

**BACKGROUND**

- Transcriptional regulation by retinoids
- Effect of retinoids on the endothelial cells
- Retinoids and the liver

**ABBREVIATIONS**

**CHAPTER I**

Up-regulation of the gene expression of uPA through physical interaction between RAR and Sp1

- I-1. Introduction
- I-2. Materials and Methods
- I-3. Results
- Induction of uPA through RAR
- Involvement of Sp1 and GC box in the induction of uPA by retinoid
- Physical interaction between RAR and Sp1
- I-4. Discussion
- I-5. Summary

**CHAPTER II**

Molecular mechanism of transcriptional regulation via physical interaction between RAR and Sp1: Analysis on a role of RAR/RXR-derived transactivation

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- II-2. Materials and Methods
- II-3. Results
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