

سامية محمد مصطفى



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات لم ترد بالأصل



Study of Serum Thrombopoietin Level in Different Grades of Liver Cirrhosis with and without Thrombocytopenia

THESIS

submitted for partial fulfillment of the master degree,
(M.SC.) in the internal medicine

By

Ahmed Abd El-Azeez Abu-Shanab
(M.B., B.ch.)

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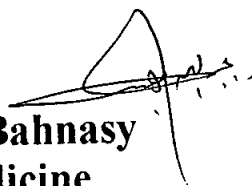


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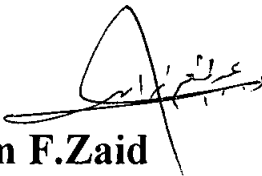
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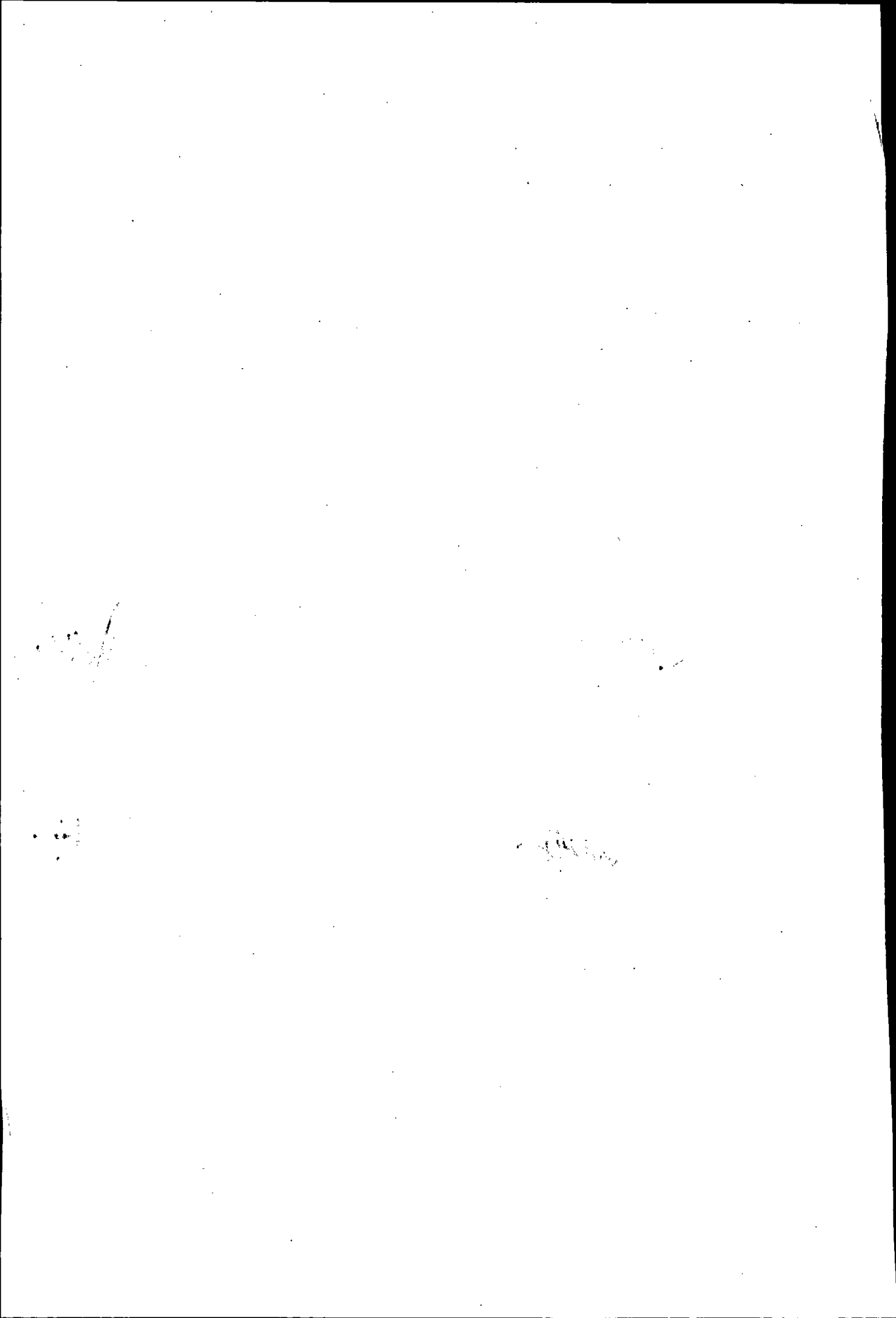

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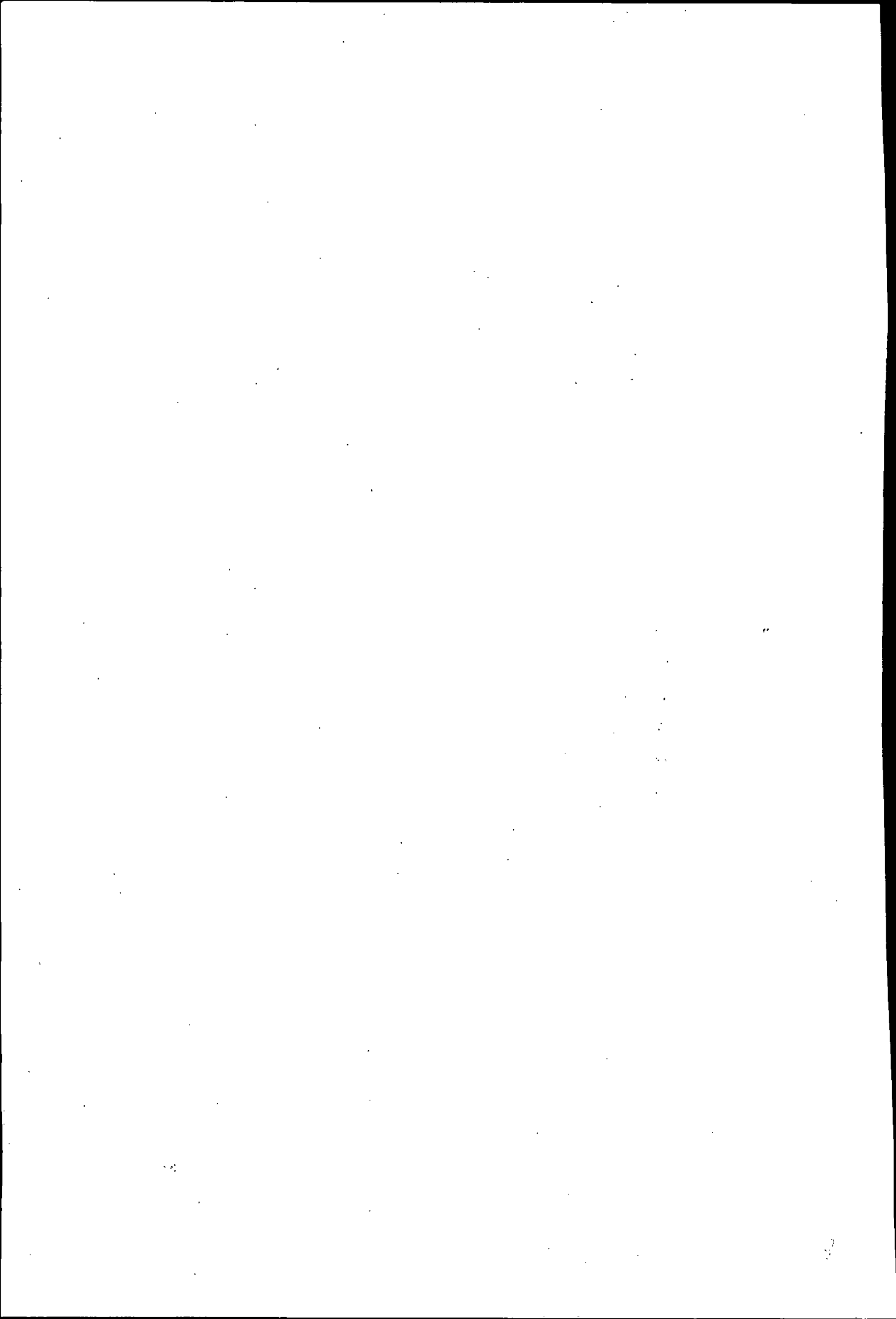
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بسم الله الرحمن الرحيم

وقل ربي زدني علما

صلى الله العظيم



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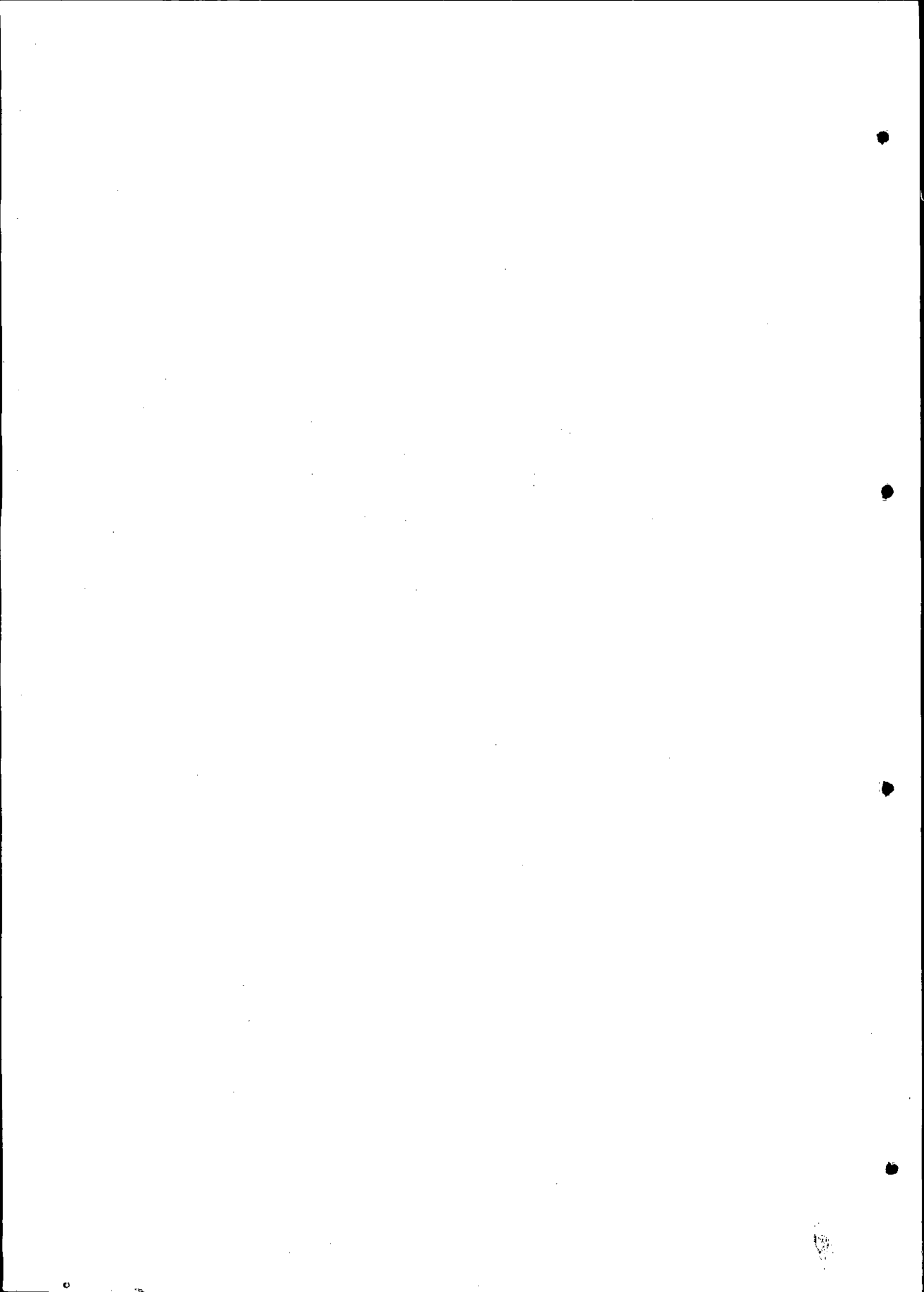
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LIST OF ABBREVIATION

| | |
|--------|--|
| ALT | Alanine aminotransferase. |
| AST | Aspartate aminotransferase. |
| BFU | Burst forming unit megakaryocytes. |
| CSF | Colony stimulating factor. |
| DIC | Disseminated intravascular coagulopathy |
| ELISA | Enzyme-linked immunosorbent assay. |
| G-CSF | Granulocyte colony-stimulating factor. |
| GM-CSF | Granulocyte- macrophage colony-stimulating factor. |
| HAV | Hepatitis A virus |
| HbsAb | Hepatitis B surface antibody. |
| HbsAg | Hepatitis B surface antigen. |
| HBV | Hepatitis B virus. |
| HCC | Hepatocellular carcinoma. |
| HCV | Hepatitis C virus. |
| HCV-Ab | Hepatitis C virus antibody. |
| HPF | Hepatic peri-portal fibrosis |
| IFN | Interferon. |
| IL | Interleukin. |
| ITP | Idiopathic thrombocytopenic purpura |
| LEC | Liver sinusoid endothelial cells. |
| LIF | Leukemia inhibitory factor. |
| LTC-IC | Long term culture-invitiating cells |
| LSD | Less significant difference. |

| | |
|------------------|--|
| MAPK | Mitogen-activated protein kinase |
| MDS | Myelodysplastic syndrome |
| MGDF | Megakaryocyte growth and development factor. |
| MK | Megakaryocyte. |
| MPS | Myeloproliferative syndrome |
| NK | Natural killer cells |
| . NO | Nitric oxide |
| . NSAID | Non-steroidal anti-inflammatory drugs |
| PAIg | Platelet associated immunoglobulin |
| PBC | Primary biliary cirrhosis |
| PCR | Polymerrase chain reaction. |
| . PGE2 | prostaglandin E2 |
| . PGF2- α | Prostaglandin F2- alpha |
| PKC | Protein kinase C. |
| PLA2 | Phospholipase A2. |
| SCF | Stem cell factor. |
| . SNS | Sympathetic nervous system |
| SST | Serum separating tubes. |
| . TNF- β | Tumor necrosis factor beta |
| TPO | Thrombopoietin |
| TXA2 | Thromboxane A2 |
| US | Ultrasonography. |
| VOD | Venoocclusive disease. |